

ESTIMATE FORM

ENGLISHBAZAR MUNICIPALITY, MALDA

Estimate of Civil Works for Construction of Institutional /Public Toilet Block at DSA Maidan near Gate no- 06, in ward no- 08 Under Englishbazar Municipality, Malda (W.B). (ULB MODEL)

Sl. No.	Item Description & Item No.							Quantity	Rate(Rs.)	Unit	Amount(Rs.)
	Details	Count	Nos.	L	B	H	QNTY.				
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including							42.344	11927.00	%Cum	5050.37
	Column	8	1	1.600	1.600	1.500	30.720				
	Main Tie Beam	7	1	4.425	0.250	0.400	3.098				
		2	1	14.100	0.250	0.450	3.173				
	Part Tie Beam	1	1	2.525	0.250	0.400	0.253				
	Reservior (1.2X1.5X1.5)	1	1	1.700	2.000	1.500	5.100				
							42.344				
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.							108.748	322.00	Sqm	35016.86
	Column	8	1	1.600	1.600		20.480				
	Main Tie Beam	7	1	4.425	0.250		7.744				
		2	1	14.100	0.250		7.050				
	Part Tie Beam	1	1	2.525	0.250		0.631				
	Floor	1	1	14.100	4.925		69.443				
	Reservior	1	1	1.700	2.000		3.400				
							108.748				
3	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes. Rate Analysis Enclosed							11.500	4521.93	Cum	52002.20
	Column	8	1	1.600	1.600	0.100	2.048				
	Main Tie Beam	7	1	4.425	0.250	0.050	0.387				
		2	1	14.100	0.250	0.050	0.353				
	Part Tie Beam	1	1	2.525	0.250	0.050	0.032				
	Floor	1	1	14.100	4.925	0.125	8.680				
							11.500				
5	25 mm. thick damp proof with cement concrete (1:1.5:3) (with graded stone aggregate 10 mm. normal size) and painting the top surface with a coat of bitumen [VG.40] using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. [Bitument to be supplied by the Agency]							7.713	245.01	Sqm	1889.76
		7	1	4.425	0.125		3.872				
		2	1	14.100	0.125		3.525				
		1	1	2.525	0.125		0.316				
6	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth Rate Analysis Enclosed							6.303	4872.88	Cum	30713.76
	GL 2 PL	1	1	21.050	0.250	0.600	3.158				
							0.000				
	Water Reservior	1	1	7.400	0.250	1.700	3.145				
							6.303				

Sl. No.	Item Description & Item No.							Quantity	Rate(Rs.)	Unit	Amount(Rs.)
7	Brick work with 1st class bricks in cement mortar (1:6) (b) In superstructure, ground floor Rate Analysis Enclosed							24.751	5095.88	Cum	126128.13
	Outer Wall	1	1	31.550	0.250	2.925	23.071				
	Less Door	1	2	1.300	1.000	2.100	5.460				
	Less V	14	-1	0.450		0.600	-3.780				
							24.751				
8	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor. Rate Analysis Enclosed							91.806	668.33	Sqm	61356.70
	Wall	1	1	38.925	1.000	2.925	113.856				
	Less Door	14	-1	2.100	1.000	0.750	-22.050				
	Parapet	0	0	0.000		0.000	0.000				
	Below urinal	0	0	0.000		0.000	0.000				
						91.806					
9	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work). (a) With earth obtained from excavation of foundation. PWD Building Works schedule, Page - 1, Item -3.a							27.947	7754.00	%Cum	2167.01
	2/3rd of Earth work	1		0.66	42.34		27.947				
10	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) PWD(WB), S.O.R. Volume- I : Building Works w.e.f. 01/11/2017, Item No.-4(A), Page No. - 2							9.453	43131.00	%Cum	4077.17
	GL to PL	1	1	13.850	4.550	0.150	9.453				
							0.000				
							9.453				
11	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (f) 25 mm to 30 mm shuttering without staging in foundation PWD Building Works schedule Page -47 Item- 36 f							72.651	205.00	Sqm	14893.46
	Foundation	8	1	6.000	1.000	0.300	14.400				
	Main Tie Beam	7	2	4.425		0.450	27.878				
		2	2	14.100		0.450	25.380				
	Part Tie Beam	1	2	2.520		0.450	2.268				
							0.000				
	Water Reservoir Slab bottom	1	1	1.200	1.500		1.800				
	Water Reservoir Slab side	1	1	7.400		0.125	0.925				
						72.651					
12	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (When the height of a particular floor is more than 4 m the equivalent floor height shall be taken as 4 m and extra for works beyond the initial 4 m ht. shall be allowed under 12 (e) for every 4 m or part thereof) (c) Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work PWD(WB), S.O.R. Volume- I : Building Works w.e.f. 01/11/2017, Item No.-36, Page No. - 42							142.706	363.00	Sqm	51802.28
	column	8	1	1.100		3.250	28.600				
	Roof Beam	7	2	4.425		0.275	17.036				
		2	2	14.100		0.325	18.330				

Sl. No.	Item Description & Item No.							Quantity	Rate(Rs.)	Unit	Amount(Rs.)
		1	2	2.525		0.275	1.389				
	Lintel	1	2	70.475		0.150	21.143				
	Chajja	14	1	0.450	0.300		1.890				
	slab bottom with outer extension(0.30 m each side)	1	1	51.438			51.438				
	Slab Side						0.000				
	Wash Basin	2	1	2.400	0.600		2.880				
							142.706				
13	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety [PWD BUILDING WORKS, Page- 26, It. No- 10. i] Rate Analysis Enclosed										
	Column foot	8	1	1.500	1.500	0.300	5.400				
	Column	8	1	0.250	0.300	3.250	1.950				
	Main Tie Beam	7	1	4.425	0.250	0.400	3.098	30.425	5052.35	Cum	153717.75
		2	1	14.100	0.250	0.450	3.173				
	Part Tie Beam	1	1	2.520	0.250	0.400	0.252				
	Lintel	1	1	70.475	0.250	0.150	2.643				
	Chajja	14	1	0.450	0.300	0.075	0.142				
	Slab Beam	7	1	4.425	0.250	0.400	3.098				
		2	1	14.100	0.250	0.450	3.173				
	Slab	1	1	51.438		0.125	6.430				
	Wash Basin	1	2	2.400	0.600	0.075	0.216				
	Water Reservoir Bed	1	1	1.700	2.000	0.125	0.425				
	Water Reservoir Slab	1	1	1.700	2.000	0.125	0.425				
							30.425				
14	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. 10th CORRIGENDA & ADDENDA, Dated: 22.01.2020, Page - 1 of 6, PWD(WB), S.O.R. Volume - I : Building Works w.e.f. 01/11/2017, Item No.-40, Page No. - 43 (a) For works in foundation and upto roof of ground floor/upto 4 m III. OTHER MANUFACTURERS NOT SPECIFIED (2% reinforcement steel)							2.866	58229.74	M.T.	166886.43
		30.425	0.012	7.85			2.866				
15	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement (ii) 25 mm. thick							51.44	243.83	Sqm	12542.13
	Roof	1	1	51.438	1.000		51.438				
16	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. PWD Building Works schedule, P-192, It. No. 15 (Rate Analysis)							51.47	32.72	Sqm	1683.93
	Below Plinth	1.000	1.000	70.475		0.600	42.285				
	Water reservoir	1.000	1.000	5.400		1.700	9.180				
							51.465				

Sl. No.	Item Description & Item No.	Quantity	Rate(Rs.)	Unit	Amount(Rs.)	
17	Labour for Chipping of concrete surface before taking up Plastering work. PWD Building Works schedule, P-192, It-1	142.71	21.00	Sqm	2996.83	
	Same as shuttering sl no. 12	142.71				
18	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (i) With 1:6 cement mortar (c) 15 mm thick plaster [PWD BUILDING WORKS, Page- 189, It. No- 1.] Rate Analysis Enclosed	365.602	139.48	Sqm	50994.17	
	Length wise side outer	2	1	14.100	3.650	102.930
	Breadth wise side outer	2	1	4.925	3.650	35.953
	Chajja	14	2	0.450	0.300	3.780
	Chajja Side	14	1	1.050	0.075	1.103
		2	1	6.874	2.750	37.807
	Wall	1	1	70.475	2.925	206.139
	Less Door	14	-1	0.750	2.100	-22.050
	Less Collapsible	2	-1	1.300	2.100	-5.460
	Less Ventilators	14	-1	0.450	0.600	-3.780
						0.000
	Water Reservoir	1	1	5.400	1.700	9.180
						365.602
19	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (ii) With 1:4 cement mortar (c) 10 mm thick plaster [PWD BUILDING WORKS, Page- 189, It. No- 1.] Rate Analysis Enclosed	51.430	124.48	Sqm	6402.01	
	Slab bottom	1	1	51.430		51.430
	Slab extension					
						51.430
20	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria.. (i) 66mm x 90mm PWD Building Works schedule, P-115, It - 3 (i)	69.30	497.00	Mtr	34442.10	
		14	1	4.95		69.300
21	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. In ground floor. (ii) 32 mm thick [PWD BUILDING WORKS, Page- 125, It. No- 14.ii]	22.05	2763.00	Sqm	60924.15	
		14	1	2.100	0.750	22.050
22	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws . (vii) 225mm long x 10mm dia. bolt. PWD Building Works schedule, P-144, It No. 26 (vii)	28.00	84.00	Each	2352.00	
		14	1	2.00		28.000
23	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. (viii) 100mm X 75mm X 3.50mm. PWD Building Works schedule, P-140, It No. -5 (viii)	42.00	66.00	Each	2772.00	
		14	1	3.00		42.000
24	Anodised aluminium decorative handle (hexagonal / fluted) of approved quality fitted and fixed complete. (i) 150mm plate x 10mm dia rod x 12mm hexagonal/fluted. PWD Building Works schedule, Page -146 . Item no-31,(i)	28.00	87.00	Each	2436.00	

Sl. No.	Item Description & Item No.						Quantity	Rate(Rs.)	Unit	Amount(Rs.)
	14	1	2.00			28.000				
25	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with concrete bolt and round fitting. b)250mm long. schedule, Page -141 . Item no-10 b) PWD Building Works						14.00	159.00	Each	2226.00
	14	1	1.00			14.000				
26	(A) Supplying Aluminium casted body hydraulic door closer as per I.S.I. SOR, PWD, P- 244, I - 13(a)						1.00	635.00	Each	635.00
	14	1	1.00			1.000				
27	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick) In Ground Floor PWD Building Works schedule, PWD, P- 198, I - 5						258.279	122.00	Sqm	31510.04
	Wall	1	1	70.470		2.920	205.772			
	Ceiling	1	1	56.287	1.000		56.287			
	Less Ventilators	14	-1	0.450		0.600	-3.780			
							258.279			
28	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats PWD(WB), S.O.R. Volume- I : Building Works w.e.f. 01/11/2017, Item No.-10, Page No. - 196						258.279	70.00	Sqm	18079.53
	Same as Item - Wall putty									258.279
29	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. In Ground Floor:						139.986	45.10	Sqm	6313.37
	Length wise side outer	2	1	14.100		3.650	102.930			
	Breadth wise side outer	2	1	4.925		3.650	35.953			
	Chajja	14	2	0.450		0.300	3.780			
	Chajja Side	14	1	1.050		0.075	1.103			
	Less Ventilators	14	-1	0.450		0.600	-3.780			
							139.986			
30	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) a) Normal Acrylic Emulsion [PWD BUILDING WORKS, Page- 197, It. No- 17.c]						139.986	67.00		9379.06
	Same as Item No 29									139.986
31	Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete. In ground floor. P-106 Item-18 (3rd Corrigendam Page No 92)						5.460	4351.00	Sqm	23756.46
	Gate	1	2	1.30		2.10	5.460			
32	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor.. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr. PWD Building Works schedule, P-104 Item-13 A (i) (3rd Corrigendam Page No 91)						1.742	10021.00	Qntl	17460.59
	Grill	14	1	0.600	0.450		3.780			
	Box for pump	1	5	0.600	0.600		1.800			
	Railing	1	1	5.900	0.900		5.310			
							10.890			

Sl. No.	Item Description & Item No.						Quantity	Rate(Rs.)	Unit	Amount(Rs.)
				@16 kg/ sqm. =		174.240				
				=		1.742				
33	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. PWD Building Works schedule, P/200 Item-1(a)									
	C gate	2	1.000	1.300	2.100	5.460	46.860	29.00	Sqm	1358.94
	Grill	14	10.000	0.600	0.450	37.800				
	Box for pump	2	5.000	0.600	0.600	3.600				
						46.860				
34	(A) Painting with best quality synthetic enamel paint of approved make and brand Same as priming on grill						46.860			
35	Supplying and laying true to line and level Anti-Skid, Full Body, Homogeneous & Granular finish Vitrified Tiles conforming to IS:15622-2006 & IS 4457-2007 and testing shall be made in accordance with IS:13630 [Non- modular sizes for tiles with Skid resistance > 0.5, Mohr's hardness > 5.0, Staining resistance: Class-1, Water Absorption: E < 0.5%, MOR > 35 N/sq.mm in Internal area of building e.g. Toilet Block, Passage, Corridor, Accessible Open Terrace etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg./Sqm or using Polymerised Adhesive (6 mm thick layer applied directly over finished artificial stone floor/ Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per Sqm below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles/ epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor). b) In Ground Floor: Sizes-600 mm x600mm x10 mm with breaking strength >1500 N 3rd CORRIGENDA & ADDENDA, Dated: 04.06.2018, Page 80 of 96, PWD(WB), S.O.R.						46.860	79.00	Sqm	3701.94
	floor		1	56.287	3.275	184.340	184.34	1589.00	Sqm	292916.26
36	Supplying, fitting & fixing best quality digital printed Ceramic tiles in coloured									
	inside 250 mm wall	2	1	56.287	2.1	236.405				
		4	1	3.275	2.1	27.510				
	Less C Gate	2	-1	1.3	2.1	-5.460				
	on 125 mm wall	3	2	1.00	2.1	12.600	276.83	1060.00	Sqm	293435.56
		2	2	3.312	2.1	27.821				
	Less Door	14	-1	0.75	2.1	-22.050				
						276.826				
37	Supplying & laying 20 mm designer chequered tiles of any shade and of approved									
38	Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, facia, rise etc. with 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement mortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging, curing and roughening of concrete surface complete. [Using cement slurry at back side of granite @ 4.4 kg/sq.m & white cement slurry for joint filling @ 1.8 kg/sq.m] In ground floor (a) Area of each Granite slab 0.6 to 1.0 Square meter. PWD Building Works schedule, page-63, Item:33(a)- (3rd Corrigendam ,Page 37)									
	For Wash Basin (Gents)	3	1	2.400	0.450	3.240				
	For Wash Basin (Ladies)	3	1	2.400	0.450	3.240				
	for front wall	1	1	7.374	2.100	15.485				
	less collapsable	2	1	-2.050	2.100	-8.610	13.355	2315.00	Sqm	30916.83
						13.355				

Sl. No.	Item Description & Item No.	Quantity	Rate(Rs.)	Unit	Amount(Rs.)	
39	Supplying, fitting and fixing 18 mm thick marble partition slab with chawk doongri marbel square cut, both sides polished with two front corners rounded and edges polished. Sanitary and plumbing work schedule P-81, It-13	6 1 1.2 0.6 4.32	4.32	1426.00	Sqm	6160.32
40	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. iv) 5mm thick coloured / tinted / smoke glass. PWD Building Works schedule, P-243, I-9	14 1 0.6 0.45 3.780	3.78	585.00	Sq.M.	2211.30
41	Supplying and Planting of different plant / trees (Supplying well grown plants bushy and healthy, minimum height as specified i.e. exposed height including all leads & lift, carriage, handling, manuring, applying presticide and fertilizer etc. . i) Furcaria veriegated 10-12 leaves in height 20-30cm in earthen pots of size 25cm. PWD Building Works schedule, Page -261, It- 9 (i)					
42	x) Ficus blakii (F. Vivicon) well branched (Bushy) of height 120cm - 135 cm in earthen pot of size 30cm. PWD Building Works schedule, Page -261, It- 9 (x)	12	162.00	Each	1944.00	
43	xxvi) Areca Palm 4 - 5 suckers of height 90 cm to 105 cm in earthen pots of size 25 cm. PWD Building Works schedule, Page -261, It- 9 (xxvi)	9	187.00	Each	1683.00	
44	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. a) With 'P' trap (with vent) Schedule, page-79, item no -3 (a)	6	127.00	Each	762.00	
45	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. (b) Anglo Indian (i) Plastic (hallow type) black DRAINAGE WORKS, Page- 81, It. No- 10. b.i]	9	3104.00	Each	27936.00	
46	Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete. (i) 635 mm X 395 mm X 420 mm [SANITARY AND DRAINAGE WORKS, Page- 80, It. No- 6. i	5	371.00	Each	1855.00	
47	Supplying, fitting and fixing Squating plate with integral flushing in white vitreous chinaware of approved make in cement concrete (6:3:1) with jhama chips complete. (Payment of concrete will be paid seperately). (i) 450 mm X 350 mm (P - 80, Item. No. - 7 ,	3	2869.00	Each	8607.00	
48	Supplying, fitting and fixing 10 litre porcelain low-down cistern of approvedmakewitheither sideor bottominlet, sideoverflow, brackets complete with all internnal PVC fittings. White [SANITARY AND DRAINAGE WORKS, Page- 36, It. No- 1]	9	881.00	Each	7929.00	
49	Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. i) Polythene Flush Pipe S&P Schedule. Page no 81. Item no. 11(i)	5	2297.00	Nos	11485.00	
50	Supplying, fitting and fixing urinal flush pipe fittings of approved brand. (a) C.P. urinal flush pipe fittings range of one PWD S&P Schedule, S.P.81,item-12/a	5	155.00	Each	775.00	
51	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., mending good all damages and painting the brackets with two coats of approved paint. (ii) 630 mm X 450 mm size S&P Schedule, P-41, It 2 (lii)	6	414.00	Each	2484.00	

Sl. No.	Item Description & Item No.	Quantity	Rate(Rs.)	Unit	Amount(Rs.)
52	Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia., (iii) 600 mm long S&P Schedule, Page No.-43 Item No.-9-iii PWD,	4	3260.00	Each	13040.00
53	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (iv) 1050 mm long each PWD S&P Schedule, Page No.-43 Item No. 10-iv	7	107.00	Each	749.00
54	(f) Hand Shower(Health Faucet) with 1mtr Flexible Tube with Wall Hook(Equivalent to Code No.573 & Model -ALLIED of Jaquar or similar). PWD S&P Schedule, Page No.-3 Item No.- 3 f,	14	91.00	Each	1274.00
55	(ii) Chromium plated Bib Cock long body with wall flange with aerator (Equivalent to Code No. 512 & Model- Tropical / Sumthing Special of ESSCO or similar brand) [SANITARY AND DRAINAGE WORKS, Page- 6, It. No- 7. a.ii]	5	1251.00	Each	6255.00
56	(b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar PWD S&P Schedule, Page No.-6 Item No.-7-b-i	9	659.00	Each	5931.00
57	Supplying, fitting and fixing shower of approved brand and make. (ii) Chromium plated round shower with revolving joint (Equivalent to Code No. 541(N) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	9	493.00	Each	4437.00
58	(iii) Chromium plated shower arm 240 mm long (Equivalent to Code No. 536(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand). Page No.-3 Item No.-3-a-(iii), PWD,VOL-II , 2017-18	6	360.00	Each	2160.00
59	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand). PWD S&P Schedule, Page No.-6 Item No.-7-d-i,	3	309.00	Each	927.00
60	Supplying, fitting and fixing pillar cock of approved make. a) (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	12	815.00	Each	9780.00
61	Supplying, fitting and fixing PVC pipes of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made seperately) PVC Pipes, 25 mm 12 Item No.-19-i(a), PWD,VOL-II , 2017-18 (a) For Exposed Work Page No.-	10	555.00	Each	5550.00
	(a) (a) For Exposed Work 15 mm No.-19-i(a), PWD,VOL-II , 2017-18 PVC Pipes, Page No.-12 Item	70	177.00	Mtr	12390.00
	(b) For Concealed Work mm i(b), PWD,VOL-II , 2017-18 PVC Pipes, 15 Page No.-12 Item No.-19-	40	101.00	Mtr	4040.00
62	Supplying and fitting fixing of gunmetal wheel valve of approved brand and make tested to 21 Kg per sq. cm. 25 mm dia(E5) PWD S&P Schedule, P-5 It-5,vii),	40	137.00	Mtr	5480.00
63	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity S&P Schedule, page.37,Item no-6 (b) PWD	3	778.00	Each	2334.00

Sl. No.	Item Description & Item No.					Quantity	Rate(Rs.)	Unit	Amount(Rs.)
64	Labour for hoisting plastic water storage tank. (i) Upto 1500 litre capacity. (a) Upto 1st story from G.L. PWD S&P Schedule, page.37,item no-10 (i)(a)					2	5128.00	Each	10256.00
65	Labour for punching hole in plastic water storage tank upto 50 mm dia. PWD S&P Schedule, (P. No. - 38, Item. No. - 13					2	96.00	Each	192.00
66	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992.(A) (i) Single Socketed 3 Meter Length, (b) 110 mm					4	19.00	Each	76.00
	(B) Fittings (i) Coupler, (b) 110 mm	3	85	Each	255	60	292.00	Mtr	17520.00
	(ii) Plain Tee, (b) 110 mm	3	85	Each	255	30	85.00	Each	2550.00
	(iii) Door Tee, (b) 110 mm	3	195	Each	585	24	85.00	Each	2040.00
	ix) Bend 45°, (b) 110 mm	3	89	Each	267	18	195.00	Each	3510.00
	xi) Door Bend (T.S.), (b) 110 mm	3	147	Each	441	18	89.00	Each	1602.00
	xvi) Pipe Clip, (b) 110 mm					14	147.00	Each	2058.00
	xvii) W.C. Connector (150 mm long) 125 X 110(W/WC Ring) 75 mm					60	21.00	Each	1260.00
	xxxi) Plain Floor Trap with Top tile & Strainer 75 mm					12	142.00	Each	1704.00
	L) Rubber Ring, (b) 110 mm	10	17	Each	170	12	144.00	Each	1728.00
	C)Rubber Lubricant 500 ML	1	187	500 ML	187	60	17.00	Each	1020.00
	D)Solvent Cement 250 ML	1	103	250 ML	103	10	187.00	500 ML	1870.00
67	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in total pipeline including specials. (B) Under ground, (ii) 110 mm dia. PWD S&P Schedule, (P. - 74, Item. No. - 24 (B)					10	103.00	250 ML	1030.00
68	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materials (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.					60	84.00	Mtr	5040.00
	B) UPVC Fittings: c) Bend 87.5 degree (i) 75 mm. Dia.					24	188.00	Mtr	4512.00
	B) UPVC Fittings: d) Shoe (i) 75 mm. Dia.					8	84.00	Mtr	672.00
69	Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides,					8	78.00	Mtr	624.00
70	Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. manhole cover(heavy type)of approved make supplied, fitted and fixed in the 100mm thick R.C.C (1:1.5:3) top slab with necessary fittings, 20mm thick cement plaster (4 : 1) with neat cement finish to the internal surfaces and 15 mm thick cement plaster (4 : 1) to outside wall upto 200 mm below G.L floor finished with 25 mm thick grey artificial stone over 100 mm thick R.C.C(1:1.5:3) bottom slab including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavation earth in all sorts of soil, shoring, bailing out and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tanks with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 0.5% by weight of cement with all costs of labour and materials. Note:- (i) Finished level of Septic Tank should be 400 mm. from Ground Level. (ii) Height of 50 mm Ventilation pipe & Mosquito proof mesh, should be followed as per IS:2470,Part- I.Payment will be made separately on the basis of actual height based on relevant I.S.Code. 7th CORRIGENDA & ADDENDA, Dated: 22.01.2020, Page 3 of 7, PWD(WB), S.O.R. Volume - II : Sanitary & Plumbing Works w.e.f. 01/11/2017, Item No. - 3, Page No.- 88					2	6648.00	Each	13296.00

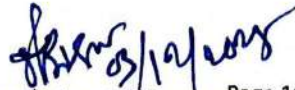
NO.	Item Description & Item No.	Quantity	Rate(Rs.)	Unit	Amount(Rs.)
71	Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work (1:4) upto 0.90 metre from top with 20mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. and 6 mm thick cement plaster (1:4) on top of the R.C.C. cover slab including filling bottom 1.00 metre of inside of the well with brick metal (50 mm to 63 mm size) including R.C.C. cover slab of 100 mm thick with cement conc (1:1.5:3) with stone chips with necessary reinforcement and shuttering including one 560 mm dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the cover slab with necessary fittings, making necessary arrangements for pipe connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m inside dia. 7th CORRIGENDA & ADDENDA, Dated: 22.01.2020, Page 6 of 7, PWD(WB), S.O.R. Volume - II : Sanitary & Plumbing Works w.e.f. 01/11/2017, Item No. - 4, Page No.- 89 For-OTHER MANUFACTURES NOT SPECIFIED)	1	58772.00	Each	58772.00
72	Supplying, fitting and fixing towel rail with two brackets. (a) C.P. over brass (ii) 25 mm dia. and 600 mm long PWD S&P Schedule, p No 82 I No- 22 (a)(ii)	1	15451.00	Each	15451.00
73	Supplying, fitting and fixing cast iron raised rain proof tank cover 500 mm dia. with locking arrangements (weighing not less than 12 kg). PWD S&P Schedule, . page-37,item no -8	5	430.00	Each	2150.00
74	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. (ii) 600 mm X 450 mm PWD S&P Schedule, P-81, It-15(ii)	1	1263.00	Each	1263.00
75	Supplying, fitting and fixing soap holder. (b) Fibre glass Sanitary and plumbing work schedule P-82, It-18(b)	6	484.00	Each	2904.00
76	Supplying, fitting and fixing porcelain toilet paper holder of approved make with wooden spindle as necessary. (i) Roll type size 250 mm X 125 mm (A5)	10	58.00	Each	580.00
77	Supplying, fitting and fixing glass shelf with aluminium guard rails. (a) Ordinary type with 5.5 mm sheet glass (i) 450 mm X 125 mm Sanitary and plumbing work schedule P-81, It-16(a)(i)	5	293.00	Each	1465.00
	Sub Total Of (A)	5	341.00	Each	1705.00
			Add S.G.S.T. @		1919965.40
			Add C.G.S.T. @		172796.89
			Cost Of Civil & Sanitary Work		172796.89
			Add L.W.C. @		2265559.18
			Total payable Amount Including L.W.C.		22655.59
			Add Contengency @3%		2288214.77
			Total payable Amount Including L.W.C. and contengency		67966.78
			Total		2356181.58
			Say Rs		2356182.00

(Rupees Twenty Three Lakhs Fifty six thousand one hundred eighty two only)

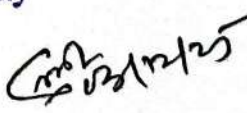

S. A. E.
English Bazar Municipality


Chairman
English Bazar Municipality
MALDA


Junior Engineer
Malda Division
M. E. Directorate
Govt. of West Bengal


Assistant Engineer
Malda Division
M.E. Directorate
Deptt. Of UD & MA
Govt. Of West Bengal

Page 10 of 11

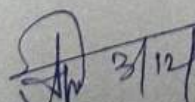

Executive Engineer
Malda Division
M.E. Directorate
Deptt. of UD & MA
Govt. of West Bengal

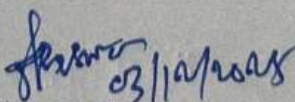
ENGLISHBAZAR MUNICIPALITY, MALDA

Estimate of Non Schedule Items for Construction of Institutional /Public Toilet Block At DSA Maidan near Gate no- 06, in ward no- 08, Under Englishbazar Municipality, Malda of West Bengal.

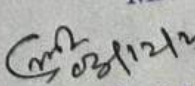
SL NO.	Description of Items	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
1	Standard plastic Dustbin(12lits)	Each	4	350.00	1400.00
2	Air Freshner (Pack of 4 nos)	Each	5	216.00	1080.00
3	Air Freshner (Naphthaline 250gm)	Each	5	210.00	1050.00
4	Supplying paper napkin	Each	5	50.00	250.00
5	Supplying Sanitary Napking (Whisper or similar make 50 pcs)	Each	4	520.00	2080.00
6	Harpic (Blue 500ml)	Each	4	300.00	1200.00
7	Harpic (Red 500ml)	Each	4	150.00	600.00
8	Gala double lip floor wiper	Each	4	350.00	1400.00
9	Colin glass or surface cleaner	Lit	2	200.00	400.00
10	Muriatic acid	Lit	2	145.00	290.00
11	Bleaching powder	kg	4	120.00	480.00
12	Dettol, Lifeboy or similar make liquid soap	Lit	6	140.00	840.00
13	Rubber hand gloves	pair	4	80.00	320.00
14	Double Side plastic brush	Each	4	125.00	500.00
15	Plastic Broom	Each	4	170.00	680.00
16	Glow sign board Name and contact details of the following are displayed prominently – Toilet identification number , name of ULB under whose jurisdiction toilet is covered , ward number and maintainance authority prominently displayed for each toilet block supervisor , Supervisor agency and area Sanitary Inspector (D3)	Each	1	5000.00	5000.00
17	Supplying and fixing sinage with fixing stand post for public toilet for visible to passersby.	Each	3	1000.00	3000.00
18	Supplying roaster / register for keeping account of regular cleaning	Each	2	200.00	400.00
19	Lettering on toilet wall for display of name and contact details of ULB, Ward number and name of maintainance authority, sanitary inspector, etc. (D3)	Each	1	1000.00	1000.00
20	SMS/any other ICT based feedback system (with number displayed on which SMS has to be sent) (A9)	Each	1	5000.00	5000.00
21	Mini tulu pump	Each	1	4000.00	4000.00
22	Sinage ACP Base & reflective Vinyl	Each	2	3776.00	7552.00
23	Installation of Sinage	Each	2	2071.00	4142.00
			Total	Rs.	42664.00
				Add 1% Cess (Rs.)	426.64
				Total (Rs.)	43090.64
				Add 3% Contingency (Rs.)	1279.92
				Grand Total (Rs.)	44370.56
				Say Total (Rs.)	44371.00


S. A. E.
 English Bazar Municipality


 Junior Engineer
 Malda Division
 M. E. Directorate
 Govt. of West Bengal


 Assistant Engineer
 Malda Division
 M.E. Directorate
 Deptt. Of UD & MA
 Govt. Of West Bengal


 Chairman
 English Bazar Municipality
 MALDA


 Executive Engineer
 Malda Division
 M.E. Directorate
 Deptt. of UD & MA
 Govt. of West Bengal

NAME OF WORK:- ESTIMATE FOR ELECTRICAL WORK OF 6 SEATED PUBLIC TOILET At DSA Maidan near Gate no-06, in ward no- 08 UNDER ENGLISHBAZAR MUNICIPALITY OF WEST BENGAL (ULB MODEL)
[ASPIRATIONAL PARAMETER]

* As per PWD & I & WD schedule district charges will be applicable on PWD & I & WD schedule items

* No district charges will be applicable on non-schedule items

SI No.	Iteam Description	Unit	Quantity	Rate	Amount
1	Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall complete with 2 no. suitable size "Ph & N" copper bar incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. 175mm x 100mm x 65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish. [PWD Schedule Page No-E-14 Iteam No-2a]	Point	12	642.60	7711.20
	Average run 5 mtr				
2	Distribution wiring in 1.1 KV grade 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire as ECC, to 5A 3 pin flush type plug socket & Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. painting the MS box and mending good the damages to original finish On Board (only for pay counter) [PWD Schedule Page No-E-15; I-4a]	Point	1	70.35	70.35
3	Supplying and fixing 240V 32A Double Pole AC Type 30mA RCCB.(Complete Set) (ISI marked) [Make-Legrand] (Cat No 4113/95) [Legrand Page No-92]	Nos	1	5942.00	5942.00
4	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC [PWD Schedule Page No-E-14 Iteam No-1a(ii)]	mtr	10	124.95	1249.50
5	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. a) For (2+4 way) (Make -Havells) [PWD Schedule Page No-D-9;Iteam No-13]	No	1	981.75	981.75

6	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection 6-32A SP MCB (Make -Havells) [PWD Schedule Page No-D-6;Iteam No-7]	Nos	4	176.40	705.60
7	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection. 40A DP MCB Isolator (Make -Havells) [PWD Schedule Page No-D-5;Iteam No-6]	Nos	1	218.40	218.40
8	Supply of TMC501 conventional industrial batten (Philips make) LED Tube,model no- TMC501 P1xT-LED 22W P3241 (WB I & WD schedule P-113, I- 5:3 F.22)	Nos	3	464.53	1393.59
9	Fixing only single/twin fluroscnt light fitting complete with all accessories directly on wall/ceiling by screws etc.. [PWD Schedule Page No-C-2;Iteam No-14a]	Nos	3	90.30	270.90
10	Supply & fixing Bulk head light fittings with die cast aluminium housing frosted/clear glass on wall/ceiling incl S/F 9 watt LED Lamp complete set. [Make - Havells] (PWD sch - Page--D-13, I-23)	Nos	3	682.95	2048.85
11	Supply & fixing smart bright street light complete with all accessories to be fixed from the wall of building or on pole incl. making holes /providing clamping arrangement & necy. GI reducer as required.S&F 40 mm GI Pipe 1.5 mtr average length & s&f necy length of 1.5 sqmm pvc insulated single core copper wire & making connections as required & mending good damages incl wall paingting. (30 Watt) (Make - Bajaj) [WB I&WD sch P-111, I-f.9.0.2]	Nos	1	3106.48	3106.48
12	Supply of 9" domestic metal exhaust fan 9" (225mm)SWEEP. TRANS AIR - (Make-Crompton/Havells/Bajaj) (UD & MA schedule P-14, I-5))	Nos	3	1863.00	5589.00
13	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter: 22.5 cm (9") [PWD Schedule Page No-C-4;Iteam No-28(b)]	Nos	3	259.35	778.05
14	Fixing only louver shutter/cowl on wall with necy. bolts & nuts (6 mm dia x 62 mm long) For 22.5 cm(9") Exhaust fan [PWD Schedule Page No-C-4;Iteam No-30(b)]	Nos	3	86.10	258.30
15	Supply of 240V A.C Ceiling Fan (48" sweep,1200 mm complete) [Make-Crompton [for counter only] (UD & MA schedule P- 23, I- 70)	Each	1	2283.00	2283.00
16	Fixing only Ceiling Fan [PWD sch P- C-3, I-21(a)]	Each	1	69.30	69.30

17	Supply & Fixing 240 V, 16/20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board incl. S & F 100x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required. (For Hand Dryer machine) [PWD sch P- E-6, I-17(b)]	Each	1	211.05	211.05
18	S/F 240V 25A Modular type starter (brand approved by EIC) with 25 A. Modular switch DP MCB (C-Curve) and 4 Module G.I. Modular type switch board with 4 Module Top Cover Plate flushed in wall incl. S/F switch board and Cover Plate and making necy. Connections with PVC Copper wire and earth connectivity wire etc. as per schedule [for Pump] [PWD Schedule Page No-E-19, Item No-17] (Please follow in details)	Nos	1	823.20	823.20
19	Supply and Fixing of 2 mm Polyvinyl glow sign board made of 22 SWG GI sheet box with 1"X1" aluminum channel for fixing the vinyl board after necessary cutting the letter as required & s/f LED tube light fittings along with all accessories. (16 sqft @495.00/sqft) (UD & MA schedule P-14, I-4)	Nos	1	7920.00	7920.00
20	Earthing installation by GI earth Spike (1830 X 20 mm) including 8SWG GI EarthWire & GI nuts, bolts, washer etc.	Nos	1	450.00	450.00
				Total	42080.52
				Add 18% GST	7574.49
				Total With GST (A)	49655.01
				Cess@1%	496.55
				total	50151.56
Contingency Amount on "A"				Contingency@3%	1489.65
(Total+GST)=Rs:				Total	51641.21
				Say Rs.	51641.00
Service Connection Charges as per Quotation					


S. A. E.
English Bazar Municipality



Junior Engineer 08-12-25
Electrical & Mechanical Division
SUDA


ASSISTANT ENGINEER
ELECTRICAL & MECHANICAL DIVISION
SUDA


Chairman
English Bazar Municipality
MALDA

Technically Vetted Rs. 51,641.00

(Rupees Fifty one Thousand Six Hundred and forty one only.)


Executive Engineer (E/M)
O/O the Secretary M.E. Dte.
Government of West Bengal