

JIAGANJ - AZIMGANJ MUNICIPALITY

	Description of Items	Quantity	Unit	Rate	Amount
40	PWD S & P Schedule, Page No -41, Item No - 02. 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., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. (ii) 550 mm X 400 mm size	2.000	Each	1,383.00 1,155.00	2,766.00 2,310.00
41	PWD S & P Schedule, Page No -41, Item No - 03. Supplying, fitting and fixing pedestal of approved make for wash basin (white)	2.000	Each	1,497.00 ✓	2,994.00 ✓
42	PWD S & P Schedule, Page No -49, Item No - 01. Labour for boring tube well of required dia. by water jet system through any type of soil strata including hire and labour charges for boring pipes, scaffolding, tools and plants as necessary and taking out them and lowering pipes, strainers, blind pipe etc. and fitting and fixing the same complete including bucket washing and other incidental works in the connection. The tube well should have a minimum 50 mm gap in between the outside of the tubewell pipe and the bore. (a) For depth upto 150 metre. (i) 40 mm dia. boring etc.	45.000	Mtr.	90.00 ✓	4,050.00 ✓
43	PWD S & P Schedule, Page No -52, Item No - 06. Supplying PVC strainer of approved make with adapter conforming to I.S.12818 specifications. (i) 40 mm dia.	5.000	Mtr.	293.00 ✓	1,465.00 ✓
44	PWD S & P Schedule, Page No -53, Item No - 09. Supplying, fitting and fixing steel cutter piece upto 450 mm long with sockets. (i) 40 mm dia.	1.000	Each	124.00 ✓	124.00 ✓
45	PWD S & P Schedule, Page No -53, Item No - 09. Supplying, fitting and fixing chech valve (vertical) G.M. tested to 21 kg per sq. cm. (v) 40 mm	1.000	Each	848.00 ✓	848.00 ✓
46	PWD S & P Schedule, Page No -55, Item No - 20. Washing and developing tube well with air compressor pump and engine for 8 (eight) hours continuous pumping per day with necessary arrangements for testing the yield in gallons per hour with 'V' notch including hire and labour charges for all tools and plants and scaffolding as required.	1.000	day	7,538.00 ✓	7,538.00 ✓
47	PWD S & P Schedule, Page No -43, Item No -10. Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (ii) 750 mm long	3.000	each	59.00 ✓	177.00 ✓

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SI	Description of Items	Quantity	Unit	Rate	Amount
48	PWD S & P Schedule, Page No -74, Item No - 24. 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 walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineerin-charge. (Payment will be made on centre line measurement of the total pipeline including specials.				
48.01	(A) Above ground (ii) 110 mm dia.	14.000	Mtr.	57.00 ✓	798.00 ✓
48.02	(B) Under ground (ii) 110 mm dia.	2.000	Mtr.	84.00 ✓	168.00 ✓
49	PWD S & P Schedule, Page No -79, Item No - 02. Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. (a) With 'P' trap	2.000	each	1,421.00 ✓	2,842.00 ✓
50	PWD S & P Schedule, Page No -79, Item No - 04. Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make in position complete excluding 'P' or 'S' trap (excluding cost of concrete for fixing). (i) 580 mm X 440 mm	2.000	each	1,613.00 ✓	3,226.00 ✓
51	PWD S & P Schedule, Page No -80, Item No - 06. 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	3.000	each	2,869.00 ✓	8,607.00 ✓
52	PWD S & P Schedule, Page No -80, Item No - 07. 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	2.000	each	881.00 ✓	1,762.00 ✓
53	PWD S & P Schedule, Page No -81, Item No - 10. Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. (i) Plastic (hallow type) black	2.000	each	302.00 ✓	604.00 ✓
54	PWD S & P Schedule, Page No -81, Item No - 10. 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	2.000	each	484.00 ✓	968.00 ✓
55	PWD S & P Schedule, Page No -82, Item No - 17. Supplying, fitting and fixing liquid soap container. (c) Fibre glass	2.000	each	188.00 ✓	376.00 ✓
56	PWD S & P Schedule, Page No -82, Item No - 22. Supplying, fitting and fixing towel rail with two brackets. (b) Aluminium (ii) 25 mm dia. and 600 mm long	4.000	each	164.00 ✓	656.00 ✓

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SI	Description of Items	Quantity	Unit	Rate	Amount
57	<p>PWD S & P Schedule, Page No -87, Item No - 01</p> <p>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, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm.thick (1:4) plaster to bottom of the pit, providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stone chips and necessary reinforcements upto 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials.</p> <p align="center">(JSW / JSPL / SHYAM / SRMB .. etc)</p> <p>i) With Pakur variety (Other than SAIL/TATA/RINL).</p>	1.000	each	6,728.00 6871.00	6,728.00 6871.00
58	<p>PWD S & P Schedule, Page No -88, Item No - 03</p> <p>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 fefilling 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 follwed as per IS:2470,Part-</p> <p>(ii) For 20 users</p> <p>With Pakur variety. (Other than SAIL/TATA/RINL)</p>	1.000	each	45,092.00 49265.00	45,092.00 49265.00

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Sl	Description of Items	Quantity	Unit	Rate	Amount
59	PWD S & P Schedule, Page No -89, Item No - 04 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 (Other than SAIL/TATA/RINL)	1.000	each	15,447.00 16626.00	15,447.00 16626.00
60	PWD Building Schedule, Page No - 205, Item No - 01. 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.				
60.01	A) UPVC Pipes: (i) 75 mm. Dia.	9.150	Mtr.	188.00	1,720.20
60.02	a) Plain Tee - (i) 75 mm. Dia.	3.000	each	102.00	306.00
60.03	d) Shoe - (i) 75 mm. Dia.	3.000	each	78.00	234.00
				80299.04	
				Total =	796,717.46

map 22/10/19
Sub-Assistant Engineer
Jiaganj-Azimganj Municipality

Prasenjit Ghosh (Manu)
Chairman
Jiaganj-Azimganj Municipality

May be vetted
ASSISTANT ENGINEER
Murshidabad Division, M.E.DTE.
Dept. of Municipal Affairs
Govt. of West Bengal

Add 12% for G.S.T - ~~96350.28~~
95,606.09

Total excluding Cess= ~~899269.32~~
892,323.55

Add 1% Labour and Welfare Cess - ~~8992.69~~
8,923.24

Total including Cess - ~~908262.02~~
901,246.79

Add 3% contingency = ~~26978.08~~
26,769.71

Grand Total = ~~935240.10~~
928,016.49

Say = ~~928,016.00~~
9,35,240.00

(Rupees Nine Lakh Thirty Five Thousand Two Hundred Forty only)

WDP Halla...
24/10/19
JUNIOR ENGINEER
Murshidabad Division, M.E.Dte
Dept. of Municipal Affairs
Govt. of West Bengal
A.Rahaman

vetted
...
24/10/19
EXECUTIVE ENGINEER
Murshidabad Division
ME Directorate
Dept. of Municipal Affairs
Govt. of West Bengal



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OFFICE OF THE COUNCILLORS
Jiaganj-Azimganj Municipality
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West Bengal; PIN-742122.
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DETAILS PROJECT REPORT

NAME OF SCME :- MODEL "PAY & USE TOILET AND CHANGING ROOM AT RIVER SIDE" FOR REDUCE ODP UNDER I.H.H.L WITHIN JIAGANJ - AZIMGANJ MUNICIPALITY. MODEL - B TYPE

PROJECT COST FOR - 15,17,638.00 (RUPEES FIFTEEN LACKS SEVENTEEN THOUSAND SIX HUNDRED THIRTY EIGHT ONLY).

Sri Prasenjit Ghosh(Manu)
Chairman
Jiaganj-Azimganj Municipality

Prasenjit Ghosh (Manu)
Chairman
Jiaganj-Azimganj Municipality

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JIAGANJ - AZIMGANJ MUNICIPALITY
Estimate

Model "Pay & Use Toilet and Changing Room at River Side" for reduce ODP under I.H.H.L within Jiaganj - Azimganj Municipality. Model - B type

(As per P.W.D Building Schedule of Rates w.e.f 01.11.2017 and 3rd. Corrigenda & Addenda)

SI	Description of Items	Quantity	Unit	Rate	Amount
1	PWD Building Schedule, Page No - 01, Item No - 02. Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.	27.338	Cu.m.	119.27	3,260.60
2	PWD Building Schedule, Page No - 01, Item No - 03. 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.	5.468	Cu.m.	77.54	423.99
3	PWD Building Schedule, Page No - 47, Item No - 03. Supplying and laying Polythene Sheet (150gm/sq.m.) over damp proof course or below flooring or roof terracing or in foundation trenches.	24.319	Sq.m.	24.00	583.66
4	PWD Building Schedule, Page No -12, Item No - 05. Ordinary Cement concrete (mix 1:2:4) with graded stone chips(20 mm.size) excluding shuttering and reinforcement, if any, in ground floor as per relent I.S Code. a) Pakur / Chandil Variety	3.648	Cu.m.	5,523.78	20,150.75
5	PWD Building Schedule, Page No -15, Item No - 7 Brick work with 1st class bricks in cement mortar (4:1) (a) In foundation and plinth	2.531	Cu.m.	5,197.00	13,153.61
6	PWD Building Schedule, Page No -42, Item No - 36. Hire and labour charges for shuttering with centreing 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, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work	272.096	Sq.m.	365.00	99,315.04
7	PWD Building Schedule, Page No - 26, Item No - 10. Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips(20 mm.size) excluding shuttering and reinforcement, if any, in ground floor. a) Pakur / Chandil Variety	35.222	Cu.m.	6,072.36	213,880.66

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SI	Description of Items	Quantity	Unit	Rate	Amount
8	PWD Building Schedule, Page No - 43, Item No - 40. Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, 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 inter-section, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor / upto 4m. (ii) Tor steel Rod/HYSD/Fe415/Fe 500D I. Other than SAIL/TATA/RINL(As per 6th. Corrigendum)	3.318	MT	68,053.00	225,799.85
9	PWD Building Schedule, Page No - 31, Item No - 30. 125 mm. thick brick work with 1st class bricks in cement mortar (3:1) in ground floor.	75.810	Sq.m.	706.00	53,521.86
10	PWD Building Schedule, Page No - 17, Item No - 21. (b) 75 mm. thick brick work with 1st class bricks set in sand cement mortar (3:1) in ground floor including H.B. netting in every alternate layer.	1.500	Sq.m.	514.00	771.00
11	PWD Building Schedule, Page No -189, Item No -01 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or rougening of concrete surface, including throating, nosing and drip course where necessary (ground floor)				
11.01	(ii) With 4:1 cement mortar (b) 15 mm. thick plaster	215.246	Sq.m.	158.00	34,008.87
11.02	(i) With 6:1 cement mortar (b) 20 mm. thick plaster	263.928	Sq.m.	163.00	43,020.26
11.03	(c) 15 mm. thick plaster	90.283	Sq.m.	142.00	12,820.19
11.04	PWD Building Schedule, Page No -193, Item No -03 Extra for fluted, corrugated or ribbed plaster (over rate of corresponding rate of plaster). (Cement 0.135 Cu.m/100Sq.m)	113.183	Sq.m.	39.00	4,414.14
12	PWD Building Schedule, Page No - 66, Item No - 36. Supplying and laying true to line Vitrified tiles of approved brand (size not less than 600 X 600 X 10 mm thick) in floor skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91 Kg./Sq.m. or using polymerised adhesive (6mm 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 sq.m. below motar only, joints, groujed with admixture of white cement and colouring pigment to much colour of tiles / exposive 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, labou and all other incedental charges comple true to the manufacturers specification and direction of Engineer - in - Charge (White cement, synthetic adhesive and grout material to be supplied by the contractor).				

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SI	Description of Items	Quantity	Unit	Rate	Amount
13	With application slurry @ 1.75 Kg/Sq.m., 20 mm sand cement mortar(1:4) & 2 mm thick cement slurry at back side tiles, 02 kg/Sq.m. white cement for joint filling with pigment. (A) Deep Colour & White PWD Building Schedule, Page No - 64, Item No - 35.	71.074	Sq.m.	1,690.00	120,115.06
14	Supplying, fitting & fixing 1st quality Ceramic tiles in wall and floors to match with the existing work & 4 nos. of key stones (10 mm) fixed with araldite at back of each tiles & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tile including roughning of concrete surface, if necessary or by synthetic adhesive & grout materials etc. (B) Wall : - With sand cement mortar(1:3) 15 mm thick cement slurry at back side of tiles using cement @2.91 Kg/Sq.m. & joint filling using white cement slurry @ 0.20 Kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m. i) Coloured decorative - PWD Building Schedule, Page No - 204, Item No - 5.	146.245	Sq.m.	746.00	109,098.77
15	(b) Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand (1.5 mm thick) PWD Building Schedule, Page No -196, Item No - 10. 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	133.208	Sq.m.	110.00	14,652.88
16	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame excluding cost of Concrete, Iron Butt Hinges and M.S Clams.(The quantum should be corrected upto three decimals). (h) Neem. Jam, Jackfruits PWD Building Schedule, Page No - 114 Item No - 01.	0.117	Cu.m.	53,057.00	6,207.67
17	Supplying, fitting and fixing M.S. clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1) fitted and fixed complete as per direction.(Cost of cement concrete will be paid separately) (c) 40mm. X 6mm. 125mm.Length. PWD Building Schedule, Page No - 140, Item No - 5	18.000	Each	20.00	360.00
18	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. (v)75mmx60mmx3.15mm PWD Building Schedule, Page No -141, Item No -8	12.000	Each	47.00	564.00
19	Iron socket bolt of approved quality fitted and fixed complete. (c) 150mm long x 10mm dia bolt. PWD Building Schedule, Page No - 145, Item No - 30	3.000	Each	63.00	189.00
20	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: (a) With continuous plate base (hexagonal/round rod) (iv) 125mm grip x 10mm dia rod. PWD Building Schedule, Page No -141, Item No - 10	3.000	Each	95.00	285.00
21	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. (c) 300mm long.	3.000	Each	166.00	498.00

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SI	Description of Items	Quantity	Unit	Rate	Amount
22	PWD Building Schedule, Page No -124, Item No - 12. Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mahogany or rose wood approved decorative veneers using phenol for maldehyde as glue etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings in ground floor. (a) 35mm thick shutters (single leaf)	5.100	Sq.m.	3,955.00	20,170.50
23	PWD Building Schedule, Page No - 125, Item No - 15 Supplying, Fitting & Fixing 30 mm thick Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails, M.S. frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5 mm th. heat moulded PVC "C" channel of size 30 mm th, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mmx2) th.,20 mm wide cross PVC sheet as gap insert for top rail and bottom rail. Paneling of 5 mm th. both side PVC sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) th.x15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent	6.300	Sq.m.	1,943.00	12,240.90
24	PWD Building Schedule, Page No - 104, Item No - 13. (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.	237.600	Kg	98.88	23,493.89
25	PWD Building Schedule, Page No -200, Item No - 01 (a) Priming one coat on timber, plastered surface with synthetic enamel/ oil bound primer of approved quality including smoothing surfaces by sand papering etc.	16.380	Sq.m.	38.00	622.44
26	PWD Building Schedule, Page No -200, Item No - 01 (b) Priming one coat on steel or other metal surface with synthetic enamel/ oil bound primer of approved quality including smoothing surfaces by sand papering etc.	15.840	Sq.m.	29.00	459.36
27.01	PWD Building Schedule, Page No -200, Item No - 02 (A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (a) On timber or plastered surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)	16.380	Sq.m.	81.00	1,326.78

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SI	Description of Items	Quantity	Unit	Rate	Amount
28	PWD Building Schedule, Page No -200, Item No - 02 (A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (b) On steel or other metal surface : (iv) Two coats (with any shade except white)	15.840	Sq.m.	79.00	1,251.36
29	PWD Building Schedule, Page No - 233, Item No - 01. Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In- Charge. (Payment will be made on finished length of the work). (A) In 10-12 Micron thickness Anodizing film 1) Natural white a) 2- track sliding window				
29.01	i) Bottom frame	3.000	Mtr.	218.00	654.00
29.02	ii) Top and side frame.	8.000	Mtr.	195.00	1,560.00
29.03	d) Shutter for all track sliding window. i) Bottom & Top member.	6.000	Mtr.	117.00	702.00
29.04	ii) Style side member.	5.000	Mtr.	119.00	595.00
29.05	iii) Interlock member.	5.000	Mtr.	148.00	740.00
29.06	h) louvered window. i) Top, bottom and side member.	9.600	Mtr.	183.00	1,756.80
29.07	ii) Louvered Section.	12.000	Mtr.	658.00	7,896.00
30	PWD Building Schedule, Page No - 205, Item No - 01. (Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) (ii) 4 mm. thick	5.190	Sq.m.	536.00	2,781.84
31	PWD Building Schedule, Page No -196, Item No - 8. 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: (b) Two Coats	193.753	Sq.m.	45.10	8,738.26
32	PWD Building Schedule, Page No -197, Item No - 16. Protective and Decorative Textured exterior high class matt finish paint of approved quality, composed of special Tharmoplastic Resin containing fine crystalline additives derive from Granite as per manufacturer's specification and as per direction of EIC 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	193.753	Sq.m.	101.00	19,569.05

JIAGANJ - AZIMGANJ MUNICIPALITY

Sl	Description of Items	Quantity	Unit	Rate	Amount
33	PWD Building Schedule, Page No -109, Item No -22 Supplying, fitting and fixing Stainless Steel railing consist of 38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx)	7.000	RM	7,677.00	53,739.00
34	PWD Building Schedule, Page No -264, Item No - 04. (a) Brick gabion 1.50 m.internal diameter and 1.20m. high with 150 mm. deep solid brick band (in 1:6 cement mortar) at base, 125 mm.thick body of jaffry brick work set in cement mortar (1:4) and 150 mm. deep solid brick band at top in cement mortar 1:6 and cement plaster (1:6) (all faces) including colour wash (all surfaces) to the top band and redoxide or similar approved wash (all surfaces) to the remaining portion, complete as per direction.	2.000	each	3,598.00	7,196.00
35	PWD Building Schedule, Page No -261, Item No - 01. 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. xiii) Ficus regnold well branched (bushy) of height 120cm-135cm in cement pots of size 35cm.	2.000	each	142.00	284.00
Sanitary and Plumbing Works :-					
36	PWD S & P Schedule, Page No - 2, Item No - 01. Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, 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 accesories, specials. Payment for painting will be made seperately) (A) For Exposed Work				
36.01	C (ii) 25 mm dia. medium quality	25.380	Mtr.	305.00	7,740.90
36.02	(e) (ii) 40 mm dia. medium quality	12.000	Mtr.	415.00	4,980.00
36.03	(B) For Concealed Work (a) 15 mm dia. medium quality	38.100	Mtr.	238.00	9,067.80
37	PWD S & P Schedule, Page No - 5, Item No - 05. Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only). (vii) 25 mm dia	2.000	Each	778.00	1,556.00

(E)

JHAGANJ - AZIMGANJ MUNICIPALITY

Sl	Description of Items	Quantity	Unit	Rate	Amount
38	PWD S & P Schedule, Page No - 6, Item No - 07. Supplying, fitting and fixing bib cock or stop cock.				
38.01	(a) (i) Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.000	Each	539.00 ✓	2,156.00 ✓
38.02	(b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar .	6.000	Each	493.00 ✓	2,958.00 ✓
39	PWD S & P Schedule, Page No - 36, Item No - 02. Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.	4.000	Each	1,015.00 ✓	4,060.00 ✓
40	PWD S & P Schedule, Page No - 37, Item No - 06. Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (a) 500 litre capacity	1.000	Each	2,584.00 ✓	2,584.00 ✓
41	PWD S & P Schedule, Page No - 37, Item No - 09. Labour for hoisting plastic water storage tank. (i) Upto 1500 litre capacity. (a) 1st story from G.L.	1.000	Each	96.00 ✓	96.00 ✓
42	PWD S & P Schedule, Page No - 38, Item No - 13. Labour for punching hole in plastic water storage tank upto 50 mm dia.	3.000	Each	19.00 ✓	57.00 ✓
43	PWD S & P Schedule, Page No -41, Item No - 02. 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., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint.				
44	(ii) 550 mm X 400 mm size	2.000	Each	1,383.00 ✓	2,766.00 ✓
44	PWD S & P Schedule, Page No -41, Item No - 03. Supplying, fitting and fixing pedestal of approved make for wash basin (white)	2.000	Each	1,497.00 ✓	2,994.00 ✓
45	PWD S & P Schedule, Page No -49, Item No - 01. Labour for boring tube well of required dia. by water jet system through any type of soil strata including hire and labour charges for boring pipes, scaffolding, tools and plants as necessary and taking out them and lowering pipes, strainers, blind pipe etc. and fitting and fixing the same complete including bucket washing and other incidental works in the connection. The tube well should have a minimum 50 mm gap in between the outside of the tubewell pipe and the bore. (a) For depth upto 150 metre. (i) 40 mm dia. boring etc.	45.000	Mtr.	90.00 ✓	4,050.00 ✓
46	PWD S & P Schedule, Page No -52, Item No - 06. Supplying PVC strainer of approved make with adapter conforming to I.S.12818 specifications. (i) 40 mm dia.	5.000	Mtr.	293.00 ✓	1,465.00 ✓

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JHAGANI - AZIMGANJ MUNICIPALITY

Sl	Description of Items	Quantity	Unit	Rate	Amount
47	PWD S & P Schedule, Page No -53, Item No - 09. Supplying, fitting and fixing steel cutter piece upto 450 mm long with sockets. (i) 40 mm dia.	1.000	Each	124.00	124.00
48	PWD S & P Schedule, Page No -53, Item No - 09. Supplying, fitting and fixing chech valve (vertical) G.M. tested to 21 kg per sq. cm. (v) 40 mm	1.000	Each	848.00	848.00
49	PWD S & P Schedule, Page No -55, Item No - 20. Washing and developing tube well with air compressor pump and engine for 8 (eight) hours continuous pumping per day with necessary arrangements for testing the yield in gallons per hour with 'V' notch including hire and labour charges for all tools and plants and scaffolding as required.	1.000	day	7,538.00	7,538.00
50	PWD S & P Schedule, Page No -43, Item No -10. Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (ii) 750 mm long	1.000	each	59.00	59.00
51	PWD S & P Schedule, Page No -74, Item No - 24. 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 walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineerin-charge. (Payment will be made on centre line measurement of the total pipeline including specials. (A) Above ground				
51.01	(ii) 110 mm dia.	14.000	Mtr.	57.00	798.00
51.02	(B) Under ground (ii) 110 mm dia.	2.000	Mtr.	84.00	168.00
52	PWD S & P Schedule, Page No -79, Item No - 02. Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. (a) With 'P' trap	2.000	each	1,421.00	2,842.00
53	PWD S & P Schedule, Page No -79, Item No - 04. Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make in position complete excluding 'P' or 'S' trap (excluding cost of concrete for fixing). (i) 580 mm X 440 mm	2.000	each	1,613.00	3,226.00
54	PWD S & P Schedule, Page No -80, Item No - 06. 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	1.000	each	2,869.00	2,869.00

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JIAGANJ - AZIMGANJ MUNICIPALITY

Sl	Description of Items	Quantity	Unit	Rate	Amount
55	PWD S & P Schedule, Page No -80, Item No - 07. 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	1.000	each	881.00 ✓	881.00 ✓
56	PWD S & P Schedule, Page No -81, Item No - 10. Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. (i) Plastic (hallow type) black	2.000	each	302.00 ✓	604.00 ✓
57	PWD S & P Schedule, Page No -81, Item No - 10. 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	2.000	each	484.00 ✓	968.00 ✓
58	PWD S & P Schedule, Page No -82, Item No - 17. Supplying, fitting and fixing liquid soap container. (c) Fibre glass	2.000	each	188.00 ✓	376.00 ✓
59	PWD S & P Schedule, Page No -82, Item No - 22. Supplying, fitting and fixing towel rail with two brackets. (b) Aluminium (ii) 25 mm dia. and 600 mm long	4.000	each	164.00 ✓	656.00 ✓
60	PWD S & P Schedule, Page No -87, Item No - 01 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, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm.thick (1:4) plaster to bottom of the pit, providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stone chips and necessary reinforcements upto 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials. i) With Pakur variety (JSW/JSPL/SHYAM/SRMD).	2.000	each	6,871.00 ✓	13,742.00 ✓

JIAGANJ - AZIMGANJ MUNICIPALITY

Sl	Description of Items	Quantity	Unit	Rate	Amount
61	<p>PWD S & P Schedule, Page No -88, Item No - 03</p> <p>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 fefilling 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) (ii) For 20 users</p> <p>With Pakur variety. (Other than SAIL/TATA/RINL)</p>	1.000	each	49,265.00	49,265.00

JIAGANJ - AZIMGANJ MUNICIPALITY

Sl	Description of Items	Quantity	Unit	Rate	Amount
62	PWD S & P Schedule, Page No -89, Item No - 04 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 (Other than SAIL/TATA/RINL)	1.000	each	16,626.00	16,626.00
63	PWD Building Schedule, Page No - 205, Item No - 01. 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 Yam, Valamoid/Bitumen/M-Seal etc) complete. A) UPVC Pipes:				
63.01	(i) 75 mm. Dia.	10.000	Mtr.	188.00	1,880.00
63.02	a) Plain Tee - (i) 75 mm. Dia.	4.000	each	102.00	408.00
63.03	d) Shoe - (i) 75 mm. Dia.	4.000	each	78.00	312.00

Total = 1,302,917.30

Add 12% for G.S.T - 156,350.08

Total excluding Cess = 1,459,267.37

Add 1% Labour and Welfare Cess - 14,592.67

Total including Cess - 1,473,860.05

Add 3% contingency = 43,778.02

Grand Total = 1,517,638.07

Say = 1,517,638.00

Amang
31/11/19

Sub-Assistant Engineer
Jiaganj-Azimganj Municipality

Prasenjit Ghosh (Manu)
Chairman
Jiaganj-Azimganj Municipality

Rupees Fifteen Lakh Seventeen Thousand Six Hundred Thirty Eight only

W3 Phalabhojya
05/11/19
JUNIOR ENGINEER
Murshidabad Division, M.E.Dte
Dept. of Urban Dev & Municipal Affairs
Govt. of West Bengal

May be vetted
Biswas
ASSISTANT ENGINEER
Murshidabad Division, M.E.DTE.
Dept. of Municipal Affairs
Govt. of West Bengal

Munimamta
06.11.19
EXECUTIVE ENGINEER
MURSHIDABAD DIVISION M.E.DTE.

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JIAGANJ - AZIMGANJ MUNICIPALITY
Estimate

**RENOVATION OF " PAY & USE TOILET BLOCK " AT AZIMGANJ SADARGHAT, WARD NO - 13,
UNDER I.H.H.L WITHIN JIAGANJ - AZIMGANJ MUNICIPALITY.**

(As per P.W D Building Schedule of Rates w e f 01.11.2017)

Sl	Description of Items	No	L(M)	B(M)	H(M)	Quantity	Unit	Rate	Amount
1	PWD Building Schedule, Page No - 11 Item No - Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.								
	Existing Inner Wall at Toilet	1	35.989		2.375	85.474	Sqm		
	Existing Outer Wall at Toilet	1	19.037		2.375	45.213	Sqm		
	For ceiling-	1	5.906		3.375	19.933	Sqm		
	For Stair-	2	1.200		0.900	2.160	Sqm		
	chajja-	1	23.600		0.500	11.800	Sq.m		
					Total=	164.580	Sqm	19.00	3,127.01
2	PWD Building Schedule, Page No - 11, Item No - 06 Dismantling artificial stone flooring upto 50 mm.thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m.								
		1	6.000		6.50	39.000	Sq.m		
		1	2.400		2.00	4.800	Sq.m		
					Total=	43.800	Sq.m	50.00	2,190.00
3	PWD Building Schedule, Page No -189, Item No -01 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or rougening of concrete surface, including throating, nosing and drip course where necessary (ground floor)								
	(i) With 6:1 cement mortar (b) 20 mm. thick plaster								
	Existing Inner Wall at Toilet	1	35.989		2.375	85.474	Sq.m		
	Partion wall	1	9.450		1.200	11.340	Sq.m		
	For stair-	2	1.200		0.900	2.160	Sq.m		
					Total=	98.974	Sq.m	163.00	16,132.74
	(i) With 4:1 cement mortar (c) 15 mm. thick plaster								
	Existing Outer Wall at Toilet	1	19.037		2.375	45.213	Sq.m		
	chajja-	1	23.600		0.500	11.800	Sq.m		
	For ceiling-	1	5.906		3.375	19.933	Sqm	158.0	12,157.47
					Total=	76.946	Sq.m	146.00	41,234.06

JHAGANJ - AZIMGANJ MUNICIPALITY

Sl	Description of Items	No	L(M)	B(M)	H(M)	Quantity	Unit	Rate	Amount
4	<p>PWD Building Schedule, Page No - 66, Item No - 36</p> <p>Supplying and laying true to line Vitrified tiles of approved brand (size not less than 600 X 600 X 10 mm thick) in floor skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91 Kg./Sq.m. or using polymerised adhesive (6mm 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 sq.m. below mortar only, joints, grouted with admixture of white cement and colouring pigment to match colour of tiles / expositive 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 manufacturers specification and direction of Engineer - in Charge (White cement, synthetic adhesive and grout material to be supplied by the contractor).</p> <p>With application slurry @ 1.75 Kg/Sq.m., 20 mm sand cement mortar(1:4) & 2 mm thick cement slurry at back side tiles, 02 kg/Sq.m. white cement for joint filling with pigment.</p>								
	Floor of toilet-	2	3.000		2.250	13.500	Sq.m		
		2	1.675		0.800	2.680	Sq.m		
		1	2.400		2.000	4.800	Sq.m		
	Dado	1	35.989		0.300	10.797	Sq.m		
	Stair	1	1.200		0.900	1.080	Sq.m		
					Total=	32.857	Sq.m	1,685.00	55,363.54

5 PWD Building Schedule, Page No -189, Item No -01

Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of keystones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.

B) Wall

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JHAGANI - AZIMGANI MUNICIPALITY

Sl	Description of Items	No	L(M)	B(M)	H(M)	Quantity	Unit	Rate	Amount
	With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91Kg/Sq m & joint filling using white cement slurry @0.20kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (ii) Other than Coloured decorative including white								
	Existing Inner Wall at Toilet	1	35.989		2.375	85.474	Sq.m		
	For Stair-	2	1.200		0.900	2.160	Sqm		
	For ceiling-	1	5.906		3.375	19.933	Sqm		
	Existing Outer front Wall at Toilet	1	8.000		2.375	19.000	Sq.m		
					Total=	126.567	Sq.m	742.00	93,912.44
6	PWD Building Schedule, Page No - 134, Item No -26 Supplying fitting and fixing P.V.C. door shutter of approved quality & shade in position, the style & rail of the P.V.C. door shutter will be made of rigid P.V.C. multicavity hollow chamber of 59 mm x30 mm section with 2.0 mm (+/-0.2 mm) wall thickness. Horizontal & vertical section shall be fixed to each other by self tapping screws and 1 solid polymeric or M.S. galvanised tubular 'L' shaped bracket 100mm.x 200mm in each corner of the shutter frame for placing hinges. Polymer based multicavity hollow section of 120 mm x30mm with 2.0 mm (+/- 0.2 mm) wall thickness will be fitted in the middle, reinforced by solid polymer bar of 200 mm long at both ends and screws from both sides as lock rail. The section frame will then be fitted in by PVC panels of size 100 mmx25 mm with wall thickness of 1.2 mm (+/- 0.2 mm) and 2 nos. of 6 mm dia bright rod will be inserted horizontally with both side check and nut system and stretches where fixing of hinges / hasp bolt / tower bolt / door ring are required to be strong enough to with stand wear and tear. The rate is inclusive of cost								
	For Door - D	4	0.750		2.000	8.000 6.0	Sq.m.	2,287.00	13722.00 18,296.00

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JHAGANJ - AZIMGANJ MUNICIPALITY

No	Description of Items	No	L(M)	B(M)	H(M)	Quantity	Unit	Rate	Amount
7	PWD Building Schedule, Page No - 124, Item No -11 Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor. (b) 32 mm thick shutters (single leaf)								
	For Front door	2	0.900			2.000	Sq.m.		
						3.6			
						4.000			
	Total=					4.000	Sq.m.	2,359.00	8492.40
						3.6			9,436.00
8	PWD Building Schedule, Page No -196, Item No - 10. 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								
	For Ceilling -	1	7.375			4.375	Sq.m.		
		1	3.143			1.800	Sq.m.		
	Total=					37.923	Sq.m.	70.00	2654.61
9	PWD Building Schedule, Page No -197, Item No - 16. Protective and Decorative Textured exterior high class matt finish paint of approved quality, composed of special Tharmoplastic Resin containing fine crystalline additives derive from Granite as per manufacturer's specification and as per direction of EIC 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								
	Out side Excluding Front -	2	3.375			3.150	Sq.m.		
		1	6.375			3.150	Sq.m.		
	Roof Top	1	7.375			4.375	Sq.m.		
		1	3.143			1.800	Sq.m.		
	Total=					79.267	Sq.m.	101.00	8005.97
									8,005.92

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JHAGANI - AZIMGANJ MUNICIPALITY

Sl	Description of Items	No	L(M)	B(M)	H(M)	Quantity	Unit	Rate	Amount
10	S&P Schedule Page No - 79, Item No -02 Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts nuts etc (a) With 'P' trap	4	1.00			4.00	each	1,421.00	5,684.00 ✓
11	S&P Schedule Page No - 80, Item No -06 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 (ii) 470 mm X 280 mm X 340 mm	3	1.00			3.00	each	945.00	2,835.00 ✓
12	S&P Schedule Page No - 80, Item No -06 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 made separately) (i) 450 mm X 350 mm	3	1.00			3.00	each	881.00	2,643.00 ✓
13	P.W.D S&P Schedule Item No -01, Page No - 41 Wash basin vitreous china of approved make (without fittings) supplied, fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets. (i) 450 mm X 300 mm size For Male Toilet	1				1	Each		
	For Female Toilet	1				1	Each		
						2	Each	1,155.00 ✓	2,310.00 ✓
14	PWD S & P Schedule, Page No - 2, Item No - 01. Supplying, fitting and fixing G.I. pipes of TATA make 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 accesories. specials. Payment for painting will be made seperately) (A) For Exposed Work C (ii) 25 mm dia. medium quality	1	4.000			4.000	Mtr. ✓		
		1	6.375			6.375	Mtr. ✓		
		2	3.375			6.750	Mtr. ✓		
						Total= 17.125	Mtr. ✓	305.00 ✓	5,223.13 ✓

JIAGANJ - AZIMGANJ MUNICIPALITY

6

Sl	Description of Items	No	L(M)	B(M)	H(M)	Quantity	Unit	Rate	Amount
	(B) For Concealed Work								
	(a) 15 mm dia. medium quality	4	3.300			13.200	Mtr.	238.00 ✓	3,141.60 ✓
15	PWD S & P Schedule, Page No - 5, Item No - 05. Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).								
	(vii) 25 mm dia	2	1			2	Each	778.00 ✓	1,556.00 ✓
16	Supplying, fitting and fixing bib cock or stop cock.								
	(a) (i) Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4	1			4	Each	539.00 ✓	2,156.00 ✓
16.01									
	(b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar	10	1			10	Each	493.00 ✓	4,930.00 ✓
16.01									
17	PWD S & P Schedule, Page No - 36, Item No - 02. Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.	4	1			4	Each	1,015.00 ✓	4,060.00 ✓
18	PWD S & P Schedule, Page No -82, Item No - 17. Supplying, fitting and fixing liquid soap container.								
	(c) Fibre glass	2	1			2	Each	188.00 ✓	376.00 ✓
19	PWD S & P Schedule, Page No -82, Item No - 22. Supplying, fitting and fixing towel rail with two brackets.								
	(b) Aluminium								
	(ii) 25 mm dia. and 600 mm long	4	1			4	Each	164.00 ✓	656.00 ✓

251328.91	Total =	255,923.03
30159.47	G.S.T @ 12% =	30,710.76
281488.38	Total excluding Cess =	286,633.79
2814.88	Add 1% Cess =	2,866.34
284303.26	Total including Cess =	289,500.13
8444.65	Add 3% Contingency =	8,599.01
292747.91	Grand Total =	298,099.14
292748.00		

Prepared by me
B. B. B.
 Technical Supervisor
 Jiaganj-Azimganj Municipality

Rate checked by
S. Das
 Technical Supervisor
 Jiaganj-Azimganj Municipality

[Signature]
 07/11/19
 Sub-Assistant Engineer
 Jiaganj-Azimganj Municipality

[Signature]
 Prasenjit Ghosh (Manu)
 Chairman
 Jiaganj-Azimganj Municipality

OFFICE OF THE COUNCILLORS OF CHAMPDANY MUNICIPALITY

1, POURA BHAWAN ROAD, CHAMPDANY

P.O.-BAIDYABATI, DIST .-HOOGHLY, PIN-712222

Memo No. SBM/CM/18-19/005

Date : 13-Nov-2019

From,
Sri Suresh Mishra,
 Chairman,
 Champdany Municipality.

To,
The Director, SUDA
 Saltlake-106.



Urgent
Govt. Pl.
le
19-11-19
ChPM to
Int. up to
ODF

SUB : Public Urinal Proposal

Dear Madam,

In reference to the above subject, I would like to inform you that we have received the ODF Certificate from Ministry Of housing & Urban Affairs, Govt. of India One Year before. It has been seen that to achieve ODF Plus status, proper Urinal facility in all area is a mandatory criteria.

To achieve the ODF Plus, We would require Urinal Sheets at different locations of all 22 Wards. The details of the proposed sites **Ward wise** are attached with this letter in the prescribed format (Annexure II) for Construction of Urinal Sheets.

An estimate from our SAE-Champdany Municipality is attached with this letter for your ready reference.

In connection to this, I would like to inform you that -

1. The Identified Lands belong to the Champdany Municipality and we have no objection for construction of urinals to the proposed sites.
2. The Proposed land have Water & electricity availability.
3. The Future maintenance of constructed sites will be done by Municipality.

I would therefore request you to allot fund so that we can process the work as early as possible.

Thank You.

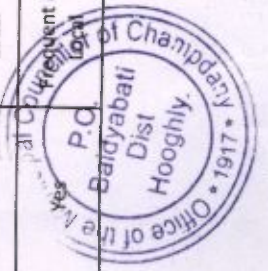
Chairman
 Champdany Municipality




Champdany Municipality Proposal for Community/Public Toilet & Urinal

Annexure - II

Sl. No	Ward No.	Private / Govt. Land	Mouza name & J.L. No.	Dag No.	Water Availability (Pipe Line/Tube Well other)	No. of Beneficiary to be tagged	Name of the authority for future Maintenance	Source of maintenance fund	No. of Urinal	Remarks
1	1	Govt.	Gourhati Champdani 21	4806	Yes	Frequent & Local	Municipal	SUDA	10	Area like Bus Stand, Busy Roads in the Ward will be Covered with Gents & Ladies Urinal
2	2	Govt.	Gourhati Champdani Dirghanga 21,4	4806	Yes	Frequent & Local	Municipal	SUDA	10	Area like Station Road, Busy Roads Like R.B.S.Road and others in the Ward will be Covered with Gents & Ladies Urinal
3	3	Govt.	Gourhati Champdani 21	5971	Yes	Frequent & Local	Municipal	SUDA	12	Area like B.M. Road, G.T. Road, S.C.M. Road, Durgasthan in the Ward will be Covered with Gents & Ladies Urinal
4	4	Govt.	Gourhati Champdani 21	5972	Yes	Frequent & Local	Municipal	SUDA	10	Area like Dr. Noorie Lane No. 1, B.M. Road, B.M. Bye Lanes, Yasin Galli & other Roads in the Ward will be Covered with Gents & Ladies Urinal
5	5	Govt.	Gourhati Champdani Dirghanga 21,4	3874	Yes	Frequent & Local	Municipal	SUDA	16	Area like P.B.M. Road, P., B.M. Bye Lanes, Huge Parts of R.B.S. Roads and different streets in the Ward will be Covered with Gents & Ladies Urinal
6	6	Govt.	Gourhati Champdani 21	6149 & 6134	Yes	Frequent & Local	Municipal	SUDA	16	Most busy roads like P.B.M. Road & A.G. Road with bye lanes, Indira Ground, Pherry Ghat, Bus Stand, T.O.P in the Ward will be Covered with Gents & Ladies Urinal
7	7	Govt.	Gourhati Champdani 21	6149	Yes	Frequent & Local	Municipal	SUDA	10	Most busy roads like P.B.M. Road & S.M. Road with bye lanes in the Ward will be Covered with Gents & Ladies Urinal
8	8	Govt.	Gourhati Champdani 21	4284	Yes	Frequent & Local	Municipal	SUDA	10	Area like K.B.M. Road, S.M. Road, R.B.S. Road and others bye Lanes in the Ward will be Covered with Gents & Ladies Urinal
9	9	Govt.	Gourhati Champdani 21	3971	Yes	Frequent & Local	Municipal	SUDA	12	Area like K.B.M. Road, S.M. Road Bye Lanes, N.B. Line and others bye Lanes in the Ward will be Covered with Gents & Ladies Urinal
10	10	Govt.	Gourhati Champdani 21	3494	Yes	Frequent & Local	Company & Local Club	SUDA	16	Area like Espense Road, North Goalapara Road, R.B.S. road with huge Muslim Population in the Ward will be Covered with Gents & Ladies Urinal
11	11	Govt.	Gourhati Champdani 21	2513	Yes	Frequent & Local	Company & Local Club	SUDA	10	Area like Espense Road Bye lane, Angus Lane, R.B.S. road with huge Population in the Ward will be Covered with Gents & Ladies Urinal




 Chairman
CHAMPDANY MUNICIPALITY

12	12	Govt.	Gouhathi Champdani 21	2045	Yes	Frequent & Local	Municipal & Local Club	SUDA	10	Area like R.B.S.road, Angus More with huge Population in the Ward will be Covered with Gents & Ladies Urinal
13	13	Govt.	Khurigachi Gourhathi Champdani 20,21	1813	Yes	Frequent & Local	13 No. Ward Cmt	SUDA	14	Muslim Basti Near R.B.S.Road, Natunpara, Khurigachi, Colony, Chandan Para will be covered
14	14	Govt.	Bhadreshwar 12	3259	Yes	Frequent & Local	Municipal & Local Club	SUDA	10	Bhadreshwar Station Road foot Fall, KGRS Path and a round 1000 plus local residence will be benefitted.
15	15	Govt.	Gourhathi Champdani 21	797 & 2357	Yes	Frequent & Local	Municipal & Local Club	SUDA	10	Area like R.B.S.road, Breathwaite Galli, Tetultalla with huge Population in the Ward will be Covered with Gents & Ladies Urinal
16	17	Govt.	Bhadreshwar 12	2782 & 2758	Yes	Frequent & Local	Local Club	SUDA	10	Area like Library Road, Shyam Sundar Ghat line, G.T.Road, Market area with huge Population in the Ward will be Covered with Gents & Ladies
17	18	Govt.	Gourhathi Champdani 21	6448	Yes	Frequent & Local	Market Cmt	SUDA	10	Area like Dr. Noorie Lane No. 1 & 2, GIS Cotton Mill, G.T.Road, Champdany Market area with huge Population in the Ward will be Covered with Gents & Ladies Urinal
18	19	Govt.	Gourhathi Champdani 21	5882	Yes	Frequent & Local	Municipal	SUDA	10	Area like P.B.M. Road, Sayra Basti, L.N.Atta Road and others Bye lanes in the Ward will be Covered with Gents & Ladies Urinal
19	20	Govt.	Gouhathi Champdani 21	5882	Yes	Frequent & Local	Municipal	SUDA	12	Area like P.B.M. Road, K.B.M.road, 5M Bye lane and others Bye lanes in the Ward will be Covered with Gents & Ladies Urinal
20	21	Govt.	Gouhathi Champdani	3260	Yes	Frequent & Local	Municipal	SUDA	6	Ashok Nagar, Collage Road
21	22	Govt.	Gouhathi Champdani 21	528	Yes	Frequent & Local	Municipal	SUDA	10	Area like R.B.S. Road, 7 No. Basteec, KGRS path and others Bye lanes in the Ward will be Covered with Gents & Ladies Urinal
Total									234	




 Chairman
 CHAMPDANY MUNICIPALITY

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CHAMPDANY MUNICIPALITY
DETAILS OF ESTIMATE

Name of work:-MODEL ESTIMATE FOR CONSTRUCTION OF SINGLE URINAL WITHIN CHAMPDANI MUNICIPALITY.

Sl. no	Discription	No.	Length	Breadth	Height/D epth	Area Of Content	Rate	Per	Amount
	1	2	3	4	5	6	7	8	9

Rate followed PWD (W.B.) Schedule,of rates-effected from 01.11.2017

1 Earthwork in excavation of foundation trenches in all sorts of soil (including mixed soil but excluding laterite and stone) including removing,spreading or stacking the soil within a lead of 75M or as directed.The item includes necessary trimming the sides of trenches .levelling,dressing and ramming the bottom,bailing out water as required complete.

(a) Depth of excavation not exceeding

Page-No.1,It.No.2(a)

1	6.000	0.750	0.600	2.700					
				2.700	12047.00	/%	Cum.		325.27

2 Cement concrete (6:3:1) with graded jhama khoa (30mm size)excluding shuttering and reinforcement if any.

Page-No.11,It.No.4(a)

1	6.000	0.750	0.075	0.338					
				0.338	5661.00	/	Cum.		1910.59

3 Silver Sand filling in plinth in layers not exceeding 15cm.as directed and consolidating same by thorough saturation with water and ramming complete including the cost supply of sand.

Page-No.2,It.No.4(a)

1	1.500	1.000	0.150	0.225					
				0.225	71181.00	%	Cum.		160.16

4 Single Brick Flat Soling of picked jhama bricks including dressing and ramming bed to proper level and filling joints with powdered earth or local sand.

Page-No.14,It.No.1

1	6.000	0.750		4.500					
1	1.500	1.000		1.500					
				4.500	357.00	/	Sqm		1606.50

5 First class brickwork in cement mortar (6:1)

b) In foundation and plinth

Page-No.15,It.No.8(a)

1	6.000	0.500	0.150	0.450					
1	6.000	0.375	0.150	0.338					
1	6.000	0.250	0.450	0.675					
4	0.250	0.250	2.000	0.500					
1	1.200	0.500	0.150	0.090					
1	1.200	0.250	0.150	0.045					
				2.098	5292.00	/	Cum.		11099.97

6 12.5 Cm. Thick 1st class brick work in cement mortar (4:1)

Page-No.16,It.No.16

1	4.000		2.000	8.000					
				8.000	722.00	/	Sqm		5776.00

7 Ordinary grade Cement concrete mix (3:1/2:1) with with graded stone chips(20mm size) excluding shuttering and reinforcement if any.

Page-No.26,It.No.10(i),Bldg.Sch.



1	1.750	1.250	0.100	0.219			
				0.219	5799.29	/Cum.	1268.59

8 Reinforcement for R.C.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.

a) For works in foundation, basement and upto roof of ground floor/upto 4m.

Page-No.65, It.No.15(a)

(1.00% of item No-6)	1.00/100x7850x0.219			0.0172	58103.00	M/T.	997.74
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9 Hire and labours charges for shuttering with centering and necessary staging upto 4m using approved stout props and thick hard wood planks and approved thickness with required bracing for concrete slabs beams and columns. lintels curved, or straight including fitting fixing and sticking out after completion of work (upto roof of ground floor) (when the height of a particular floor is more than 4m. the equivalent floor height shall be taken as 4m and extra for works beyond the lintel 4m ht. shall be allowed under 12(e) for every 4m or part there of)

Page-No.43, No.36(f)

a) 25 to 30mm th. shuttering without staging.

1	1.500	1.000		1.500			
1	4.250		0.100	0.425			
				1.925	209.00	/Sq.m	402.33

10 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and racking out joints including throting, nosing and drip coarse, scaffolding-staging where necessary. (Gr.Floor). (Excluding cost of chipping over concrete surface)

(B) 15mm th. plaster with 4:1 cement mortar.

(Page-189, It. No.1,(i) (c) Bldg. Schedule

2	1.500		2.000	6.000			
1	1.000		2.000	2.000			
2	1.750		2.100	7.350			
1	1.250		2.100	2.625			
1	1.500	1.000		1.500			
				19.475	160.00	/Sq.m	3116.00

11 Neat Cement Punning about 1.5mm th. in wall, dado, window, sills, flower, drain, etc.

Note:-Cement 0.152 Cum./100Sq.m

(Page-192, It. No- 15) Bldg. Schedule

2	1.750		0.300	1.050			
1	1.250		0.300	0.375			
				1.425	34.00	/Sq.m	48.45

12 Supplying fitting fixing 1st quality ceramic tiles in wall floor etc. with cement sand mortar slurry at

Floor Area of eah tiles upto 0.09 Sq.m. Coloured decorative.

(Page-52, It. No- 30,B,(a),i Bldg. Schedule

1	1.500	1.200		1.800	779.00	Sq.M.	1402.20
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13 Supplying fitting fixing 1st quality ceramic tiles in wall floor etc. with cement sand mortar slurry at

WALL Area of eah tiles upto 0.09 Sq.m. Coloured decorative.

(Page-56, It. No- 30,B,(a),i Bldg. Schedule

2	1.500		1.000	3.000			
1	1.000		1.000	1.000			
				4.000	800.00	Sq.M.	3200.00



14 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.

(ii) 590 mm X 390 mm X 380 mm

(Page-..., It. No- 6,(ii),Plumbing Schedule

1

1

945.00

945.00

(A)Total Rs, 28256.28

Add 12.00% for GST.on (A) 3390.75

(B)Total Rs, 31647.03

Add 1.00% for Cess on (B) 316.4703

(C)Total Rs, 31963.50

Say Rs. 31,964/-

Sub Asst. Engineer
Champdany Municipality



Chairman
CHAMPDANI MUNICIPALITY



Mission ODF West Bengal <odf.wbsuda@gmail.com>

Clarification on fund for 4 no of CT

1 message

Mission ODF West Bengal <odf.wbsuda@gmail.com>

9 January 2020 at 14:04

To: dubrajpurmunicipality@gmail.com

Sir,

Your ULB as placed a request as per the vetted estimate and drawing for CT is Rs. 674246/- x 4 = Rs. 26,96,984/-

According to the Financial norm your Municipality will be eligible for Rs. 2072000/- (518,000 x 4 nos of CT) for 12 nos of Toilet seat and 28 no of Urinal as per your given drawing in the vetted estimate.

In this connection, Rs. 2696984/ - Rs. 2072000/- = Rs. 624984/- will have to bear by the Municipality.

The Municipality is requested to place a consent letter for bearing the balance amount of Rs.624984/- by today.

Regards,

SBM TEAM, SUDA



Director SUDA <sbm.wbsuda@gmail.com>

Consent letter from your ULB for CT Proposal

1 message

Director SUDA <sbm.wbsuda@gmail.com>
To: dubrajpurmunicipality@gmail.com

Thu, Nov 28, 2019 at 1:32 PM

Your Municipality has placed a request as per the vetted estimate of fund of 4 nos of CT is Rs. 6,74,246/- x 4 nos of CT = Rs. 2696984/-.

According to Financial norms the Municipality will have to bear an amount of Rs. 8,80,984/- from their own fund. Accordingly, a consent letter has to be placed to SUDA for bearing the excess amount of 8,80,984/- from Dubrajpur Municipality end.

Regards,

SUDA SBM Team



Phone : (03462) 244362

Fax : 03462 - 245171

Email ID : - dubrajpurmunicipality@gmail.com

Office of the Administrator

DUBRAJPUR MUNICIPALITY

P. O. - DUBRAJPUR • Dist. - BIRBHUM

Memo No. 1470 /DM/2019

Date 09/11/2019

To
The Sabhadhipati
Birbhum Zilla Parishad
Suri, Birbhum
Pin-731101



AD (SM)
DAY

Sub: - Submission of Rough cost estimates for construction of community Toilets in different wards of this municipality.

Sir,

I am sending herewith rough cost estimates, duly vetted by the MED Birbhum, for construction of 4 nos of Community Toilets at different places of Ward no 2, 4, 11, 16 of this municipality for your kind perusal and necessary action.

With Thanks,

Toplet seat - $3 \times 4 = 12$
Urinal - $5 \times 4 = 20$

Ma. Gaus
P.I. 15.11.19

Yours faithfully

sdl
Executive Officer
Dubrajpur Municipality
Birbhum

Memo no: - 1470/10/DM/19

Date: - 09.11.19

Copy forwarded for information & taking necessary action to:-

The Director, SUDA
Ilgus Bhaban, H-C Block, Sector -III
Bidhannagar, Kolkata-700106

Executive Officer
Dubrajpur Municipality
DUBRAJPUR MUNICIPALITY
Dubrajpur, Birbhum

Construction of Community Toilet at ward No. 02 within Dubrajpur Municipality, Birbhum
As per P.W.D W.C-I .Schedule of rates W.e.f 1.12.2017.

Sl.No.	Description	Qty.	Rate		Amount	
			Rs.	P.	Rs.	P.
1.	Earth work in excavation of foundation trenches in all sorts of soil (including mixed soil but excluding laterite or sand stone)including removing spreading or stacking the spoils within a lead of 75m as directed. The items includes necessary trimming the sides of trenches, leveling , dressing and ramming the bottom bailing out water as required complete . i)Depth of excavation not exceeding 1.5m. P1,1-2	17.53 m3	@119.27/m3		Rs. 2,090.80	
2.	Filling in foundation or plinth by silver sand in layers not exceeding 150mm as directed and consolidating same by through saturation with water ramming complete , including the cost of supply of sand.(Payment to be made measurement of finished quantity) B)Fine sand P-2,1-4	10.01 m3	@487/41/m3		Rs. 4,878.97	
3.	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powder earth or local sand. P-12,1-1	34.62 m2	266.00 @264.00/m2		Rs. 9,208.92 9,139.68	
4.	Plan cement concrete with graded stone chips (40mm down size)excluding shuttering in ground floor. (Pakur variety) 1:3:6 proportion P-25,1-12a	2.91 m3	4233.00 @4244.00/m3		Rs. 12,318.03 12,305.04	
5..	Brick work with 1 st class bricks in cement mortar (6:1) A)In foundation and plinth B)In Superstructure ground floor C)Above G.F in superstructure P-30,1-22	14.24 m3 20.77 m3 2.19 n3	4243.00 @4,214.00/m3 @4,421.00/m3 @4,532.00/m3 4577.00		Rs. 60,007.36 Rs. 91,824.17 Rs. 9,925.08 60420.54 92758.82 10029.63	
6.	125mm thick brick work with 1 st class bricks in cement mortar (1:4)in ground floor. P-32,1-29	10.85 m2	@588.00/m2 592.		Rs. 6,379.80 6428.20	
7.	25mm thick Damp proof course with cement concrete with stone chips(3:1.5:1)at Admixture specification by two coat of polymer based paint is directed. P-47,1-1	6.80 m2	@173.00/m2 175		Rs. 1,176.40 1190.00	
8.	Hire and labour charge for shuttering with centering and necessary staging upto 4Mtr.using approved 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 work (upto roof of ground floor) a) 25mm to 30mm thick wooden shuttering in foundation b)25mm to 30mm thick shuttering without staging in foundation P-27,1-12.(a)	37.17 m2 18.81m2	328.00 @305.00/m2 @205.00/m2		Rs. 12,191.76 Rs. 11,336.85 Rs. 3,856.05 3856.05	
9.	Re-inforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups ,binders etc.initial staging and removal of loose rust (if necessary)cutting to requisite length ,hooking and binding to correct shape placing in proper position and binging. With 16 guage black annaled wire at every intersection ,as per drawing and direction. For works in foundation basement and upto roof of ground floor /upto 4m Tor Steel /Mild steel P-28,1-15	0.603 MT	67280.20 @57,544.82/MT		Rs. 40,569.96 34,699.52	

10.	Ordinary cement concrete (1:1.5:3)with graded stone chips (20mm nominal size)excluding shuttering and reinforcement ,if any,in ground floor as per relevant I.S Codes.(Pakur variety) P-15,I-07(i)	6.33 m3	5213.91 @4158.91/m3	Rs. 32,655.90 33004.05
11.	Plaster (to wall floor,celing etc.)with sand and cement mortar including rounding off or chamfering corners as directed and racking out joints including throuatging nosing and drip course scaffolding /staging where necessary(Ground floor)(Exceeding cost of chipping over concrete surface) (i)with 1:6 cement mortar. a)20mm thick plaster 15mm thick ii)With (1:4)cement mortar 10mm thick plaster In ground floor P-164,I-2	54.31 m2 106.69 m2 34.89 m2	153.00 @151.00/m2 135.00 @133.00/m2 122.00 @121.00/m2	Rs. 8,200.81 8309.43 Rs. 4,189.77-14403.15 Rs. 4,221.69 4256.58
12.	Neat cement punning about 1.5mm thick in wall, ado, window sills floor, drain etc P-166,I-8	8.60 m2	@34.00/m2	Rs. 292.40
13.	Supplying fitting & fixing 1 st quality ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colourings oxide if required to match the colour of tiles including roughing of concrete surface, if necessary or by synthetic adhesive & grout materials etc. A)Floor (A Wall) With sand cement Mortar (1:3) 15mm thick & 2mm thick cement slurry at back side of tiles using cement slurry at back side of tilesusing cement @2.91Kg/Sq.m. (a)Area of each the upto 0.09Sq.m.)Colour decorative a)Area of each the upto 0.09Sq.m. i)Colour decorative P-64,I-35	55.69 m2	737.00 @735.00/m2	Ea. 40,932.15 41043.53
14.	Supplying ,fitting and fixing Marble Slab /tile of 15 to 18mm thickness in floor hobby, stair,landing & threads etc,over 20mm (av.)thick base of cement mortar (1:2)laid with white cement slurry 4.4kg/sq.m before placing marble & jointed with white cement slurry @2.0kg/sq.m with necessary pigment including grinding and granite polishing as per direction of Engineering-in-charge in ground floor ,(white cement and pigment to be supplied by the agency. a)with Makrana Plain Pink /Adranga Pink/Gulabi /Udaypur. iii)Area of each slab /tile exceeding 0.30sqm P-55,I-12	30.71 m2	1672.00 @169.00/m2	Rs. 35,899.99 51347.12
15.	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 thoroughly, complete .(a)one coat P-196,I-8	187.29 m2	@3140.00/m2	Rs. 5,880.90
16.	Protective and decorative Acrylic exterior emulsion paint of approved quality as per manufacture's specification and as per direct ion of E.I.C to be applied over Acrylic primer as required . In G.F (Two coats)			

	a)Acrylic emulsion P-197,I-17	187.29 m2	@67.00/m2	Rs. 12,548.43
17.	Priming one coat on timber plastered or on steel or other metal surface with synthetic enamel/oil bound primer or approved quality including smoothening surface by sand papering etc. ii)Priming one coat on steel or other metal surface with Synthetic oil bound primer of approved quality including smoothening surface sand papering. ii)Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surface and papering P-200,I-1	6.24 m2	@38.00/m2	Rs. 237.12
18.	Painting with best quality synthetic enamel paint or approved made and brand including etc.including using of approved putty etc. on the surface of necessary. with supper glass -Hi-glass) b)On steel or other metals surface Two coats (with any shades except white). P-200 I.,No..2	6.24 m2	@79.00/m2	Rs. 492.96
19.	Supplying fitting & UPVC pipes A-Type and fitting conforming to IS:13592-1992 with all necessary clamps nails,including making holes in walls,floor etc.cutting trenches in any soil ythrough masonry concrete structures etc.if necessary and mending good damages including joining with jointing materials (Spun,Yarm, Valamoid/Bitumen/M-Seal etc.)complete. A)UPVC pipes i)100mm dia B)UPVC pipe a)Plain Tee ii)110mm Dia b)Shoe ii)110mm dia P-212, I-21	20 m 2 nos. 2 nos.	@251.00/m @172.00/each @111.00/each	Rs. 5,020.00 Rs. 344.00 Rs. 222.00
20.	Supplying fitting and fixing windows and ventilators with or without inter grated grills conforming to IS1038-1976 and manufactured from rolled steel section conforming to IS-7452-1974 with non friction projecting type box type hinges glazing clips lugs in cement concrete (4:2:1)with stone chips 19mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing without integrated grill. b)Openable steel windows as per IS sizes with side hung shutter and horizontal glazing here with/without fixed type ventilators. P-107,I-20.	2.16 m2	@1663.00/m2	Rs. 3,592.08
21.	Supplying best Indian sheet glass panes setin putty complete in all floors . P-205,I-1.	2.16 m2	@536.00/m2	Rs. 1,157.76
22.	Supplying plastic water storage tank of approved quality with c losed tapp with lid (Black) Multilayer a)1000 ltr.capacity P-37,I-6.	1 no.	@5128.00/each	Rs. 5,128.00
23.	Supplying fitting and fixing in position of approved P.V.C door frame(matt. finish)made of extruded PVC Multichamber hollow section having dimensions 60mmx50mmx2mm(0.2mm)horizontal section will be joined with vertical section by			

	galvanized steel screws after inserting two number steel brackets as reinforcement (making suitable space for placing hinges, one steel tube 40mmx20mmx1.20 mm will be inserted on one full vertical side of the frame(hinge side) as reinforcement , the frame will then be fixed in the opening with the help of PVC expandable fastner wooden gut ties and galvanized steel screws including cost of all materials and labor, hire charges of tools and appliances , carriage of all materials ,taxes and all other incidental charges complete. P-117,I-8	8.68 m	@279.00/m	Rs. 2,421.72
24	PVC Door Shutter 30 mm ~! thick supplying fixing and PVC Door shutter of approved quality and shade in position , the style & rail of the PVC door shutter will be made of rigid PVC multicavity hollow chamber of suitable size and section with 2.0mmmm(±0.2mm) wall thickness the section will have 2 nos built in beads horizontal & vertical section shall be fixed to each other by self tapping screws and 2 nos of solid plastic or M.S tubular galvanized brackets of length 200mmx80mm and other 100mmx100mm both 1.20mm in each corner of the shutter frame for placing hinges. Polymer based multicavity hollow section of 105mm x 37mm with 2.0mm(±0.2mm) wall thickness will be fitted in the middle as lock rail reinforced by solid polymer bar of 200mm long st both ends & screws for both sides. The section frame will then be fitted in by prepares of size 100mm x20mm with wall thickness 1.2mm(±0.2mm)and 2 nos.of 6mm di bright rod will be inserted horizontal with both side check and nut system and stretches where fixing of hinges /hasp bolt/tower bolt/door ring are required to be strong enough to with stand wear and tear .The rate is inclusive of cost of all materials , labour and hire of tools and plants . P-135, I-27	2.66 m2	@2127.00/m2	Rs. 5,657.82
25.	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous China ware of approved make in position complete excluding 'P' or 'S' trap. i)580mmx440mm P-79,I-4	1 no..	@1613.00/each	Rs. 1,613.00
26.	Supplying fitting and fixing Anglo-Indian W.C in white glazed vitreous China ware of approved make complete in position with necessary bolts, nut etc. a)with 'S' trap(with vent) P-79,13	2 nos.	@3287.00/each	Rs. 6,574.00
27.	Flat back Urinal(half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75mmx75mmx75mm wooden blocks complete. ii)635mmx395mmx420mm P-80,I-6	4 nos.	@2869.00/each	Rs. 11,476.00
28.	Squealing plate with integral flushing in white vitreous China ware of approved make supplied, fitted and fixed in cement concrete (6:3:1)with Jhama chips complete. i)450mmx350mm P-80,I-7	1 no.	@881.00/each	Rs. 881.00
29.	Supplying fitting and fixing 10 Ltr.P.V.C low down cistern conforming to I.S specification with P.V.C fittings complete C.I brackets including two coats of painting to bracket etc. P-36,I-2	2 nos.	@1015.00/each	Rs. 2,030.00
30.	Supplying fitting and fixing white vitreous china best quality approved make wash basin with C.I brackets on 75mmx75mm wooden blocks,C .P. waste fittings of 20mm dia one approved quality brass C.P pillar cocks of 15mm dia C.P Chain with			

	rubber plug of 30mm dia C.P. chain with rubber plug of 30mm dia approved quality P.V.C waste pipe with nut 32 mm sia 900 mm long approved quality P.V connection pipe with heavy brass C.P nut including mending good all damages and painting the brackets with two coats of approved paint. (i)630mmx450mm size P-41,I-2.	2 nos.	@3260.00/each	Rs. 6,520.00
31.	Supplying, fitting and fixing G.I pipes of TATA make with all necessary accessories, specials viz.socket, Bend,tee,union,cross ,elbo,nipple, long screw, 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 two coats of painting with approved paint in any position above ground i)15mm dia medium quality ii)20 mm dia medium quality iii)25mm dia medium quality P-2,I-1	10 m 6 m 4 m	2140'W @192.00/m @226.00/m 2140'W @305.00/m 319'W	Rs. 4,920.00 Rs. 4,356.00 Rs. 1,220.00 2140'W 1440'W 1276'W
32.	Supplying fitting and fixing bib cock stop cock. (i)Chromium plated Bib Cock short body P-6,I-7	4 nos.	@539.00/each	Rs. 2,156.00
33.	Supplying fitting and fixing gun metal wheel valve of approved make and brand tested to 21 kg/Sqcm. i)20 mm P-5,I-5	2 nos.	@604.00/each	Rs. 1,208.00
34.	Supplying fitting and fixing cast iron P or S trap including lead caulked joints and painting two coats to the exposed surface. a)S trap i)100mm P-66,I-14.	5.60 m	@803.00/each	Rs. 4,496.80
35.	Supplying fitting and fixing 18mm thick marble partition slab with c Supplying fitting and fixing chawk doongri marble square cut, both sides polished with two front comers rounded and edges polished . P81,I-13	2.31 m2	@1426.00/m2	Rs. 3,294.06
36.	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I specification supported on fibre glass frame size . 550mmx400 mm P-82,I-19	1 no.	@613.00/each	Rs. 613.00
37.	Supplying, fitting and fixing towel rail with two brackets. a)C.P over brass i)25mm dia and 750 mm long P-82,I-22	2 nos	@475.00/each	Rs. 950.00
38.	Supplying fitting and fixing liquid soap container chromium plated. P-82,I-17 a) chromium plated.	2 nos.	@393.00/eac	Rs. 786.00
39.	Construction of septic tank of different capacities as per approved drawing with 1 st 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 100 mm thick R.C.C (1:1.5:3)top slab with necessary fittings, 20 mm thick cement plaster(4:1)with neat cement finish to the internal surface and 15 mm thick cement plaster(4:1) TO OUTSIDE WALL UPTO 200 MM BELOW g.I FLOOR FINISED WITH 20MM THICK GREY ARTIFICIAL STONE OVER 100 MM THICK R.C.C(1:1.5:3)bottom slab including supplying ,fitting and fixing asll necessary special, fittings, S.W tees,C.I foot rest			

	etc.including excavation earth in asll sorts of soi9l,shoring , balling 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 and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes joints etc, with internal plasterwork 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. (i)For 50USERS P-88,1-3	I no.	@7,936/-each 80108 m	Rs. 77,936.00 80108 m
			G.S.T @12%	Rs.5,53245.08 Rs. 66,389.40
			Add for ccess @1% Contingency @3%	Rs.6,19,634.48 Rs. 6,196.34 Rs. 18,589.03
			Say	Rs.6,44,419.85 Rs. 644,420.00

(Rupees Six lac.forty four thousand four hundred and twenty)only

18/06/19
 S.A.E(B)
 Dubrajpur Municipality
 Birbhum
 (S.A.E. in charge)
 Dubrajpur Municipality
 Dubrajpur, Birbhum

Executive Officer
 Dubrajpur Municipality
 Birbhum
 Executive Officer
 Dubrajpur Municipality
 Dubrajpur, Birbhum

578851.37
 69462.16

 648313.53
 64831.13
 19449.40

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28/6/19
 Jr. Engineer
 Birbhum Division
 M.E. Directorate
 Govt. of West Bengal

28/6/19
 TUHIN KUMAR DEY
 Assistant Engineer
 Birbhum Division
 Municipal Engineering Directorate
 Govt. of West Bengal

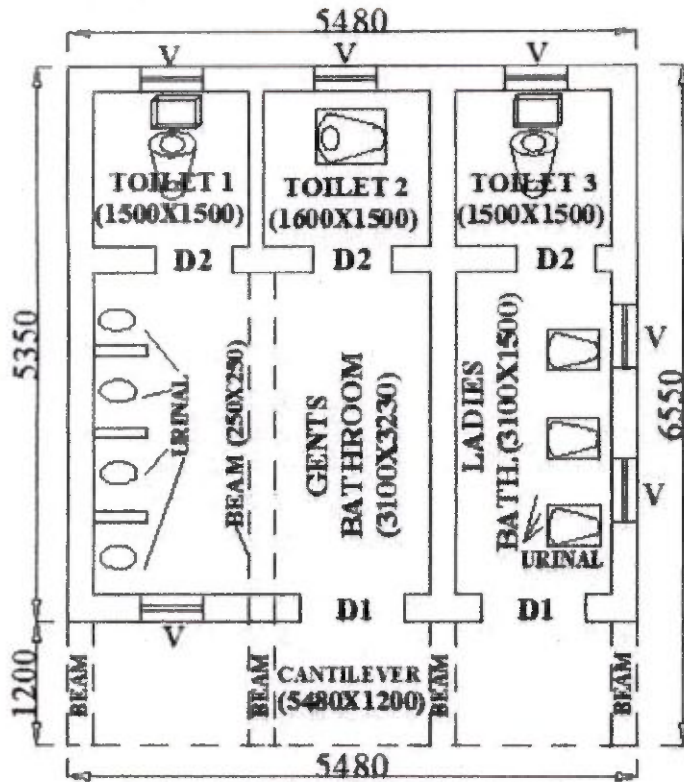
VETTED

 02/07/19
 Executive Engineer
 Birbhum Division
 M.E. Directorate, Deptt. of M.A
 Govt. of West Bengal

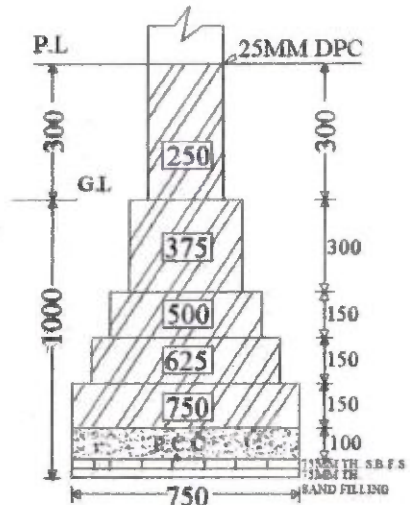
CONSTRUCTION PLAN OF 'SANITARY LATRINE' UNDER DUBRAJPUR MUNICIPALITY BIRBHUM

TOTAL BUILT UP AREA- 29.32 SQM. OR 315.43 SQ.FT.

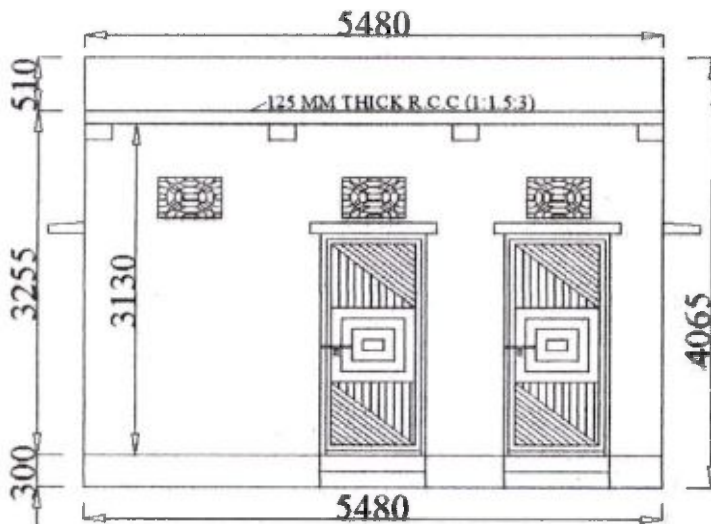
[ALL DIMENSIONS ARE IN MM][SCALE-1:100]



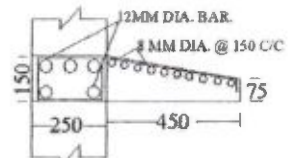
PLAN (GROUND FLOOR)



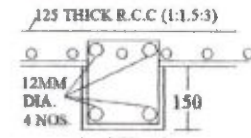
**FOUNDATION DETAILS OF
250MM THICK BRICK WALL**



ELEVATION (GROUND FLOOR)



LINTEL & CHAJJA



**BEAM SECTION
(250X250)**

Construction of Sanitary Latrine near Madrik Sangha Math at ward No.04 within Dubrajpur Municipality, Birbhum
As per P.W.D W.C-I .Schedule of rates W.e.f 1.12.2017.

Sl.No.	Description	Qty.	Rate Rs. P.	Amount Rs. P
1.	Earth work in excavation of foundation trenches in all sorts of soil (including mixed soil but excluding laterite or sand stone)including removing spreading or stacking the spoils within a lead of 75m as directed. The items includes necessary trimming the sides of trenches, leveling , dressing and ramming the bottom bailing out water as required complete . i)Depth of excavation not exceeding 1.5m. P1,1-2	17.53 m3	@119.27/m3	Rs. 2,090.80
2.	Filling in foundation or plinth by silver sand in layers not exceeding 150mm as directed and consolidating same by through saturation with water ramming complete , including the cost of supply of sand,(Payment to be made measurement of finished quantity) B)Fine sand P-2,1-4	10.01 m3	@487/41/m3	Rs. 4,878.97
3.	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powder earth or local sand. P-12,1-1	34.62 m2	2661W @264.00/m2	Rs. 9208.92 9,139.68
4.	Plan cement concrete with graded stone chips (40mm down size)excluding shuttering in ground floor. (Pakur variety) 1:3:6 proportion P-25,1-12a	2.91 m3	4233W @4744.00/m3	Rs. 13,805.04 12318.03
5..	Brick work with 1 st class bricks in cement mortar (6:1) A)In foundation and plinth B)In Superstructure ground floor C)Above G.F in superstructure P-30,1-22	14.24 m3 20.77 m3 2.19 n3	4243W @4,214.00/m3 @4,421.00/m3 @4,532.00/m3 4577W	Rs. 60,007.36 Rs. 91,824.17 Rs. 9,925.08 60420.32 92758.82 10023.63
6.	125mm thick brick work with 1 st class bricks in cement mortar (1:4)in ground floor. P-32,1-29	10.85 m2	@588.00/m2 592W	Rs. 6,379.80 6423.20
7.	25mm thick Damp proof course with cement concrete with stone chips(3:1.5:1)at Admixture specification by two coat of polymer based paint is directed. P-47,1-1	6.80 m2	@173.00/m2 175W	Rs. 1,176.40 1190.1W
8.	Hire and labour charge for shuttering with centering and necessary staging upto 4Mtr.using approved 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 work (upto roof of ground floor) a) 25mm to 30mm thick wooden shuttering in foundation b)25mm to 30mm thick shuttering without staging in foundation P-27,1-12,(a)	37.17 m2 18.81m2	328W @305.00/m2 @205.00/m2	Rs. 11,336.85 Rs. 3,856.05 12191.76 3856.05
9.	Re-inforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. initial staging and removal of loose rust (if necessary)cutting to requisite length ,hooking and binding to correct shape placing in proper position and binging. With 16 guage black annealed wire at every intersection ,as per drawing and direction. For work in foundation basement and upto roof of ground floor /upto 4m Tor Steel /Mild steel P-28,1-15	0.603 MT	67280.20 @57,544.82/MT	Rs. 34,699.52 40569.96

10.	Ordinary cement concrete (1:1.5:3)with graded stone chips (20mm nominal size)excluding shuttering and reinforcement ,if any,in ground floor as per relevant I.S Codes.(Pakur variety) P-15,I-07(i)	6.33 m3	5213.91 @5158.91/m3	Rs. 32,655.90 33004.05
11.	Plaster (to wall floor,celing etc.)with sand and cement mortar including rounding off or chamfering corners as directed and racking out joints including throuatging nosing and drip course scaffolding /staging where necessary(Ground floor)(Exceeding cost of chipping over concrete surface) (i)with 1:6 cement mortar. a)20mm thick plaster 15mm thick ii)With (1:4)cement mortar 10mm thick plaster In ground floor P-164,I-2	54.31 m2 106.69 m2 34.89 m2	153.00/m2 @151.00/m2 135.00/m2 @133.00/m2 122.00/m2 @121.00/m2	Rs. 8,200.81 8309.43 Rs. 14,189.77-14403.15 Rs. 4,221.69 4256.58
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13.	Supplying fitting & fixing 1 st quality ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colourings oxide if required to match the colour of tiles including roughing of concrete surface, if necessary or by synthetic adhesive & grout materials etc. A)Floor (A Wall) With sand cement Mortar (1:3) 15mm thick & 2mm thick cement slurry at back side of tiles using cement slurry at back side of tilesusing cement @2.91Kg/Sq.m. (a)Area of each the upto 0.09Sq.m.)Colour decorative a)Area of each the upto 0.09Sq.m. i)Colour decorative P-64,I-35	55.69 m2	737.00/m2 @735.00/m2	Ea. 40,932.15 41043.53
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29.	Supplying fitting and fixing 10 Ltr.P.V.C low down cistern conforming to I.S specification with P.V.C fittings complete C.I brackets including two coats of painting to bracket etc. P-36,I-2	2 nos.	@1015.00/each	Rs. 2,030.00
30.	Supplying fitting and fixing white vitreous china best quality approved make wash basin with C.I brackets on 75mmx75mm wooden blocks,C .P. waste fittings of 20mm dia one approved quality brass C.P pillar cocks of 15mm dia C.P Chain with			

	rubber plug of 30mm dia C.P. chain with rubber plug of 30mm dia approved quality P.V.C waste pipe with nut 32 mm dia 900 mm long approved quality P.V connection pipe with heavy brass C.P nut including mending good all damages and painting the brackets with two coats of approved paint. (i)630mmx450mm size P-41,I-2.	2 nos.	@3260.00/each	Rs. 6,520.00
31.	Supplying,fitting and fixing G.I pipes of TATA make with all necessary accessories, specials viz.socket, Bend,tee,union,cross ,elbo,nipple, long screw, 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 two coats of painting with approved paint in any position above ground i)15mm dia medium quality ii)20 mm dia medium quality iii)25mm dia medium quality P-2,I-1	10 m 6 m 4 m	2140 W @192.00/m @226.00/m 240 W @305.00/m 319 W	Rs. 4,920.00 Rs. 4,356.00 Rs. 1,220.00 2140 W 1440 W 1276 W
32.	Supplying fitting and fixing bib cock stop cock. (i))Chromium plated Bib Cock short body P-6,I-7	4 nos.	@539.00/each	Rs. 2,156.00
33.	Supplying fitting and fixing gun metal wheel valve of approved make and brand tested to 21 kg/Sqcm. i)20 mm P-5,I-5	2 nos.	@604.00/each	Rs. 1,208.00
34.	Supplying fitting and fixing cast iron P or S trap including lead caulked joints and painting two coats to the exposed surface. a)S trap i)100mm P-66,I-14.	5.60 m	@803.00/each	Rs. 4,496.80
35.	Supplying fitting and fixing 18mm thick marble partition slab with c Supplying fitting and fixing chawk doongri marble square cut, both sides polished with two front corners rounded and edges polished . P81,I-13	2.31 m2	@1426.00/m2	Rs. 3,294.06
36.	Supplying, fitting snf fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I specification supported on fibre glass frame size . 550mmx400 mm P-82,I-19	1 no.	@613.00/each	Rs. 613.00
37.	Supplying, fitting and fixing towel rail with two brackets. a)C.P over brass i)25mm dia and 750 mm long P-82,I-22	2 nos	@475.00/each	Rs. 950.00
38.	Supplying fitting and fixing liquid soap container chromium plated. P-82,I-17 a) chromium plated.	2 nos.	@393.00/eac	Rs. 786.00
39.	Construction of septic tank of different capacities as per approved drawing with 1 st 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 100 mm thick R.C.C (1:1.5:3)top slab with necessary fittings, 20 mm thick cement plaster(4:1)with neat cement finish to the internal surface and 15 mm thick cement plaster(4:1) TO OUTSIDE WALL UPTO 200 MM BELOW g.I FLOOR FINISED WITH 20MM THICK GREY ARTIFICIAL STONE OVER 100 MM THICK R.C.C(1:1.5:3)bottom slab including supplying ,fitting and fixing asll necessary special, fittings, S.W tees,C.I foot rest			

etc.including excavation earth in asll sorts of soi9l,shoring . balling 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 and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes joints etc, with internal plasterwork 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. (i)For 50USERS P-88,1-3	I no.	@7,936/-each 80108 m	Rs. 77,936.00 80108 m
		G.S.T @12%	Rs.5,53245.08 Rs. 66,389.40
		Add for ccess @1% Contingency @3%	Rs.6,19,634.48 Rs. 6,196.34 Rs. 18,589.03
		Say	Rs.6,44,419.85 Rs. 644,420.00

(Rupees Six lac.forty four thousand four hundred and twenty)only

578851.37
 69462.16

 648313.53
 64831.13
 19449.40

 874246.06
 674246 m

18/06/19
 S.A.E(B)
 Dubrajpur Municipality
 Birbhum
 S.A.E (Pending)
 Dubrajpur Municipality
 Dubrajpur, Birbhum

Executive Officer
 Dubrajpur Municipality
 Birbhum
 Executive Officer
 Dubrajpur Municipality
 Dubrajpur, Birbhum

28/6/19
 Jr. Engineer
 Birbhum Division
 M.E. Directorate
 Govt. of West Bengal

28/6/19
 TUHIN KUMAR DEY
 Assistant Engineer
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VETTED
 02/07/19
 Executive Engineer
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 M.E. Directorate, Deptt. of M.A.
 Govt. of West Bengal

RATE ANALYSIS FOR PER CUM. OF CONCRETE (1:1.5:3) FOR DISTANCE OF 20 KM.

STEP-1

RATE OF AS PER SECTION OF THE P.W.D. SCHEDULE PAGE-26, IT-10

Rs. A4054.00

4109 = 00

STEP-2

ADD COST OF STONE AGGREGATE OF DIFFERENT GRADING AS PER CONSUMPTION REQUIRED FOR ONE CUM. OF CONCRETE PER TABLE-1

VOLUME OF 20MM NORMAL SIZE STONE CHIPS PER CUM OF CONCRETE	0.573 0.33X991.00	567.84
VOLUME OF 10MM NORMAL SIZE STONE CHIPS PER CUM OF CONCRETE	0.287X860.00	246.82
TOTAL RS. B		814.66

STEP-3

ADD COST OF CARRIAGE OF THE AGGREGATE AS PER CONSUMPTION REQUIRED FOR ONE CUM. OF CONCRETE (AS PER TABLE-2)

CARRIAGE FOR STONE CHIPS	0.86X279.50	C 240.37
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STEP-4

ADD COST FOR LOADING UNLOADING OF STONE AGGREGATE 0.86X58 RS. D 49.88

SO, FINAL RATE OF THE ITEM - RS.A+RA.B+RS.C+RS.D

5158.91

5213.91/m³

18/06/19
SAE (Pwiding)
Dubrajpur Municipality
Dubrajpur, Birbhum

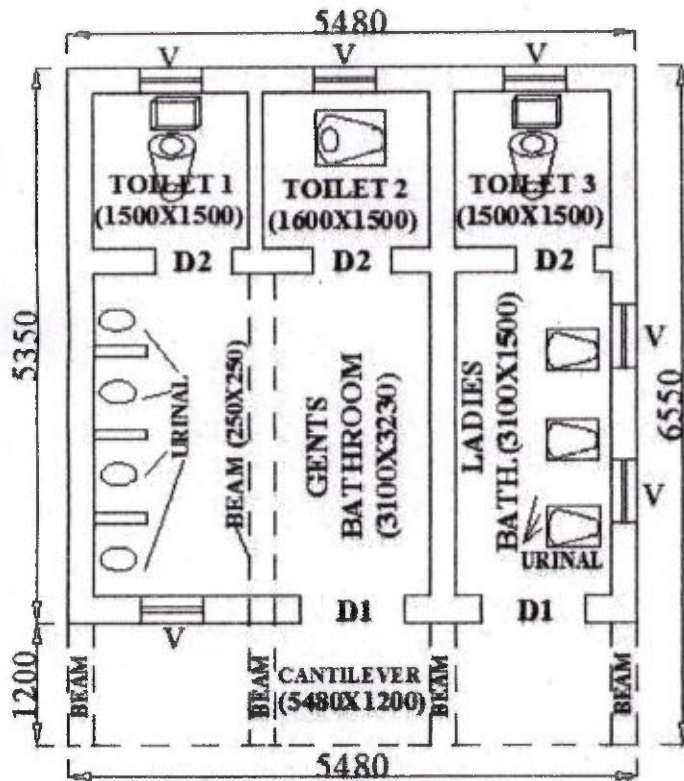
Executive Officer
Dubrajpur Municipality
Dubrajpur, Birbhum

28/6/19
TUBIN KUMAR DEY
Assistant Engineer
Birbhum Division
Municipal Engineering Directorate
Govt. of West Bengal

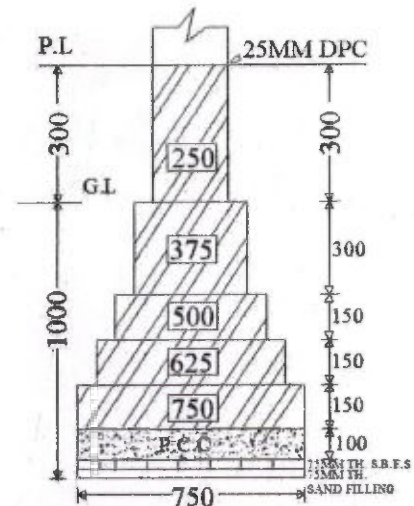
CONSTRUCTION PLAN OF 'SANITARY LATRINE' UNDER DUBRAJPUR MUNICIPALITY BIRBHUM

TOTAL BUILT UP AREA- 29.32 SQM. OR 315.43 SQ.FT.

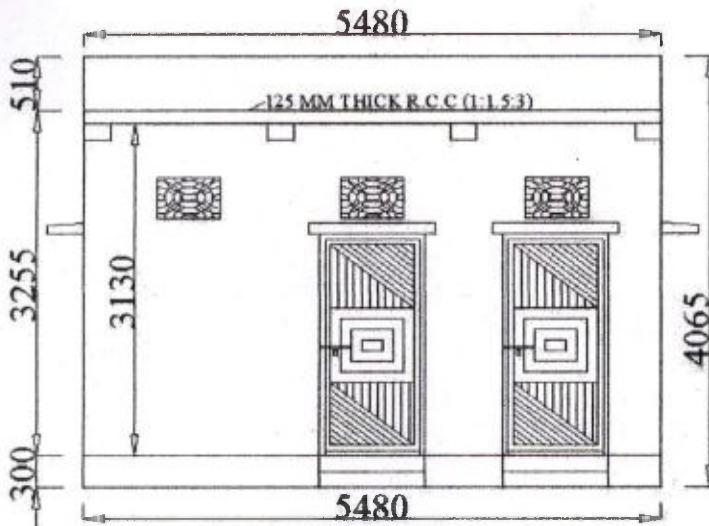
[ALL DIMENSIONS ARE IN MM][SCALE-1:100]



PLAN (GROUND FLOOR)



**FOUNDATION DETAILS OF
250MM THICK BRICK WALL**

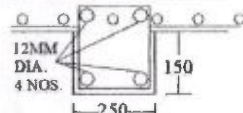


ELEVATION (GROUND FLOOR)



LINTEL & CHAJJA

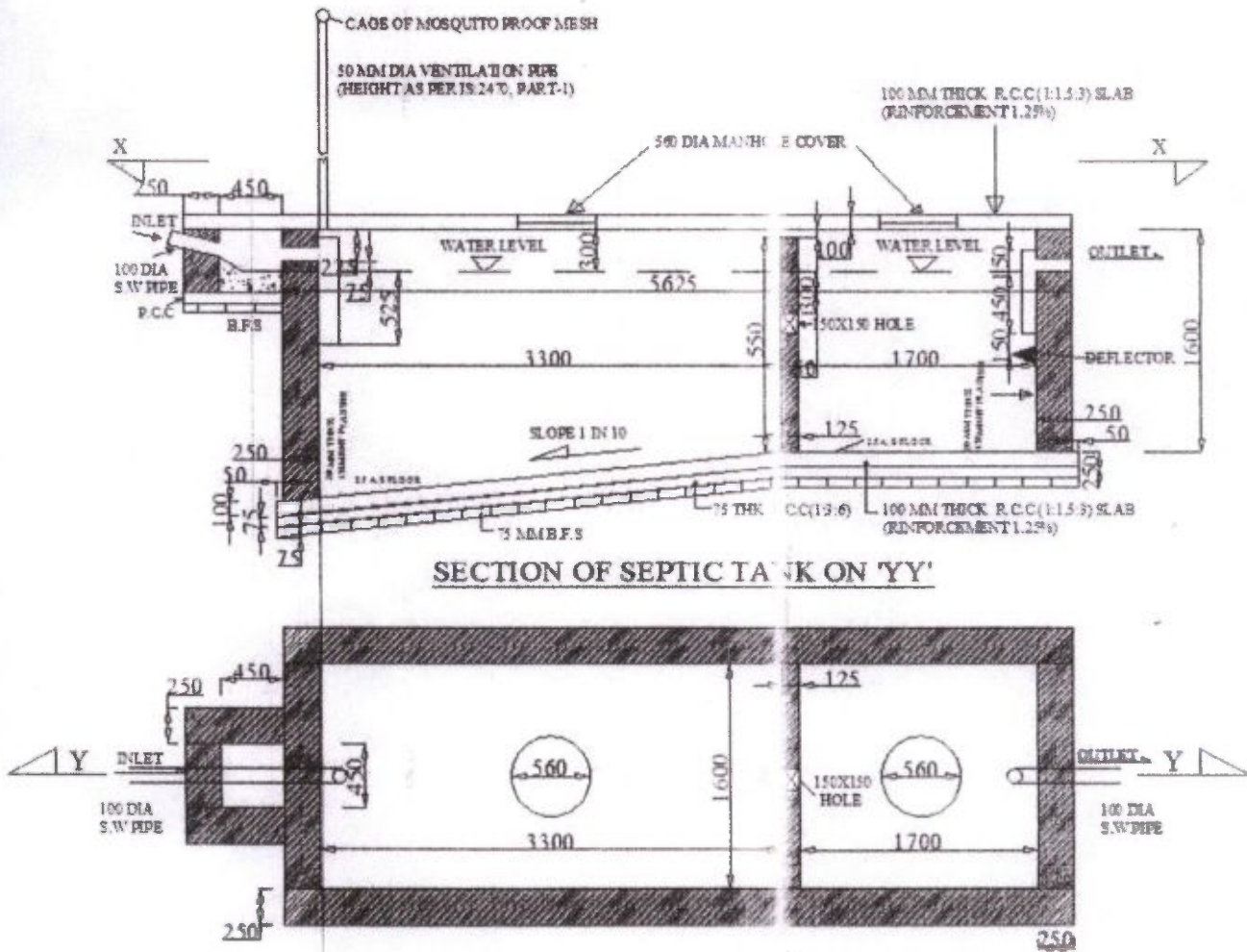
125 THICK R.C.C (1:1.5:3)



**BEAM SECTION
(250X250)**


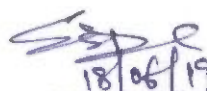
SCHEDULE				
ITEMS	DOOR (D1)	DOOR (D2)	VENTILATOR (V)	BEAM
DIMENSION	800X1950 (2 NOS)	740X1800 (3 NOS)	600X450 (5 NOS)	250X250 (2 NOS)

DETAILS OF SEPTIC TANK (50 USERS)



SECTION OF SEPTIC TANK ON 'YY'

PLAN OF SEPTIC TANK AT 'XX'

SIGNATURE OF EXECUTIVE OFFICER DUBRAJPUR MUNICIPALITY	DRAWN BY	APPROVED BY	
		A.E	E.E
 Executive Officer Dubrajpur Municipality Dubrajpur, Birbhum	 18/06/19 SAE (Building) Dubrajpur Municipality Dubrajpur, Birbhum		

Construction of Sanitary Latrine near Darbesh para at ward No. 16 within Dubrajpur Municipality, Birbhum
As per P.W.D W.C-I .Schedule of rates W.e.f 1.12.2017.

Sl.No.	Description	Qty.	Rate		Amount	
			Rs.	P.	Rs.	P
1.	Earth work in excavation of foundation trenches in all sorts of soil (including mixed soil but excluding laterite or sand stone)including removing spreading or stacking the spoils within a lead of 75m as directed. The items includes necessary trimming the sides of trenches, leveling , dressing and ramming the bottom bailing out water as required complete . i)Depth of excavation not exceeding 1.5m. P1,1-2	17.53 m3	@119.27/m3		Rs. 2,090.80	
2.	Filling in foundation or plinth by silver sand in layers not exceeding 150mm as directed and consolidating same by through saturation with water ramming complete , including the cost of supply of sand,(Payment to be made measurement of finished quantity) B)Fine sand P-2,1-4	10.01 m3	@487/41/m3		Rs. 4,878.97	
3.	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powder earth or local sand. P-12,1-1	34.62 m2	@264.00/m2	266.00	Rs. 9,139.68	9208.92
4.	Plan cement concrete with graded stone chips (40mm down size)excluding shuttering in ground floor. (Pakur variety) 1:3:6 proportion P-25,1-12a	2.91 m3	@4744.00/m3	4233.00	Rs. 13,805.04	12318.03
5..	Brick work with 1 st class bricks in cement mortar (6:1) A)In foundation and plinth B)In Superstructure ground floor C)Above G.F in superstructure P-30,1-22	14.24 m3 20.77 m3 2.19 n3	@4,214.00/m3 @4,421.00/m3 @4,532.00/m3	4243.00	Rs. 60,007.30 Rs. 91,824.17 Rs. 9,925.08	60420.32 92758.82
6.	125mm thick brick work with 1 st class bricks in cement mortar (1:4)in ground floor. P-32,1-29	10.85 m2	@588.00/m2	577.00	Rs. 6,379.80	10023.63
7.	25mm thick Damp proof course with cement concrete with stone chips(3:1.5:1)at Admixture specification by two coat of polymer based paint is directed. P-47,1-1	6.80 m2	@173.00/m2	592 175	Rs. 1,176.40	6423.20 1190.00
8.	Hire and labour charge for shuttering with centering and necessary staging upto 4Mtr.using approved 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 work (upto roof of ground floor) a) 25mm to 30mm thick wooden shuttering in foundation b)25mm to 30mm thick shuttering without staging in foundation P-27,1-12,(a)	37.17 m2 18.81m2	@305.00/m2 @205.00/m2	328.00	Rs. 11,336.85 Rs. 3,856.05	12191.21 3856.05
9.	Re-reinforcement for reinforced concrete work in all sorts of structures including distribution bars,stirrups ,binders etc.initial staging and removal of loose rust (if necessary)cutting to requisite length ,hooking and binding to correct shape placing in proper position and binging. With 16 guage black annaled wire at every intersection ,as per drawing and direction. For works in foundation basement and upto roof of ground floor /upto 4m Tor Steel /Mild steel P-28,1-15	0.603 MT	@57,544.82/MT	6740.20	Rs. 34,699.52	40569.96

10.	Ordinary cement concrete (1:1.5:3)with graded stone chips (20mm nominal size)excluding shuttering and reinforcement ,if any,in ground floor as per relevant I.S Codes.(Pakur variety) P-15,I-07(i)	6.33 m3	5213.91 @158.91/m3	Rs. 32,655.90 33004.05
11.	Plaster (to wall floor,celing etc.)with sand and cement mortar including rounding off or chamfering corners as directed and racking out joints including throuatging nosing and drip course scaffolding /staging where necessary(Ground floor)(Exceeding cost of chipping over concrete surface) (i)with 1:6 cement mortar. a)20mm thick plaster 15mm thick ii)With (1:4)cement mortar 10mm thick plaster In ground floor P-164,I-2	54.31 m2 106.69 m2 34.89 m2	153.00 @151.00/m2 135.00 @133.00/m2 122.00 @121.00/m2	Rs. 8,200.81 8309.43 Rs. 14,189.77-14403.15 Rs. 4,221.69-4256.58
12.	Neat cement punning about 1.5mm thick in wall, ado, window sills floor, drain etc P-166,I-8	8.60 m2	@34.00/m2	Rs. 292.40
13.	Supplying fitting & fixing 1 st quality ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colourings oxide if required to match the colour of tiles including roughing of concrete surface, if necessary or by synthetic adhesive & grout materials etc. A)Floor (A Wall) With sand cement Mortar (1:3) 15mm thick & 2mm thick cement slurry at back side of tiles using cement slurry at back side of tilesusing cement @2.91Kg/Sq.m. (a)Area of each the upto 0.09Sq.m.)Colour decorative a)Area of each the upto 0.09Sq.m. i)Colour decorative P-64,I-35	55.69 m2	737.00 @735.00/m2	Ea. 40,932.15 41043.53
14.	Supplying ,fitting and fixing Marble Slab /tile of 15 to 18mm thickness in floor hobby,stair,landing & threads etc.over 20mm (av.)thick base of cement mortar (1:2)laid with white cement slurry 4.4kg/sq.m before placing marble & jointed with white cement slurry @2.0kg/sq.m with necessary pigment including grinding and granite polishing as per direction of Engineering-in-charge in ground floor ,(white cement and pigment to be supplied by the agency. a)with Makrana Plain Pink /Adranga Pink/Gulabi /Udaypur. iii)Area of each slab /tile exceeding 0.30sqm P-55,I-12	30.71 m2	1672.00 @169.00/m2	Rs. 35,899.99 51347.12
15.	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 thoroughly, complete .(a)one coat P-196,I-8	187.29 m2	@3140.00/m2	Rs. 5,880.90
16.	Protective and decorative Acrylic exterior emulsion paint of approved quality as per manufacture's specification and as per direct ion of E.I.C to be applied over Acrylic primer as required . In G.F (Two coats)			

	a)Acrylic emulsion P-197,I-17	187.29 m2	@67.00/m2	Rs. 12,548.43
17.	Priming one coat on timber plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surface by sand papering etc. ii)Priming one coat on steel or other metal surface with Synthetic oil bound primer of approved quality including smoothening surface sand papering. ii)Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surface and papering P-200,I-1	6.24 m2	@38.00/m2	Rs. 237.12
18.	Painting with best quality synthetic enamel paint or approved made and brand including etc.including using of approved putty etc. on the surface of necessary. with supper glass -Hi-glass) b)On steel or other metals surface Two coats (with any shades except white). P-200 I.,No..2	6.24 m2	@79.00/m2	Rs. 492.96
19.	Supplying fitting & UPVC pipes A-Type and fitting conforming to IS:13592-1992 with all necessary clamps nails,including making holes in walls,floor etc.cutting trenches in any soil ythrough masonry concrete structures etc.if necessary and mending good damages including joining with jointing materials (Spun,Yarm, Valamoid/Bitumen/M-Seal etc.)complete. A)UPVC pipes i)100mm dia B)UPVC pipe a)Plain Tee ii)110mm Dia b)Shoe ii)110mm dia P-212, I-21	20 m 2 nos. 2 nos.	@251.00/m @172.00/each @111.00/each	Rs. 5,020.00 Rs. 344.00 Rs. 222.00
20.	Supplying fitting and fixing windows and ventilators with or without inter grated grills conforming to IS1038-1976 and manufactured from rolled steel section conforming to IS-7452-1974 with non friction projecting type box type hinges glazing clips lugs in cement concrete (4:2:1)with stone chips 19mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing without integrated grill. b)Openable steel windows as per IS sizes with side hung shutter and horizontal glazing here with/without fixed type ventilators. P-107,I-20.	2.16 m2	@1663.00/m2	Rs. 3,592.08
21.	Supplying best Indian sheet glass panes setin putty complete in all floors . P-205,I-1.	2.16 m2	@536.00/m2	Rs. 1,157.76
22.	Supplying plastic water storage tank of approved quality with closed tapp with lid (Black) Multilayer a)1000 ltr.capacity P-37,I-6.	1 no.	@5128.00/each	Rs. 5,128.00
23.	Supplying fitting and fixing in position of approved P.V.C door frame(matt. finish)made of extruded PVC Multichamber hollow section having dimensions 60mmx50mmx2mm(0.2mm)horizontal section will be joined with vertical section by			

	galvanized steel screws after inserting two number steel brackets as reinforcement (making suitable space for placing hinges, one steel tube 40mmx20mmx1.20 mm will be inserted on one full vertical side of the frame(hinge side) as reinforcement, the frame will then be fixed in the opening with the help of PVC expandable fastner wooden gut ties and galvanized steel screws including cost of all materials and labor, hire charges of tools and appliances, carriage of all materials, taxes and all other incidental charges complete. P-117,1-8	8.68 m	@279.00/m	Rs. 2,421.72
24	PVC Door Shutter 30 mm ~! thick supplying fixing and PVC Door shutter of approved quality and shade in position, the style & rail of the PVC door shutter will be made of rigid PVC multicavity hollow chamber of suitable size and section with 2.0mmmm(±0.2mm) wall thickness the section will have 2 nos built in beads horizontal & vertical section shall be fixed to each other by self tapping screws and 2 nos of solid plastic or M.S tubular galvanized brackets of length 200mmx80mm and other 100mmx100mm both 1.20mm in each corner of the shutter frame for placing hinges. Polymer based multicavity hollow section of 105mm x 37mm with 2.0mm(±0.2mm) wall thickness will be fitted in the middle as lock rail reinforced by solid polymer bar of 200mm long st both ends & screws for both sides. The section frame will then be fitted in by prepares of size 100mm x20mm with wall thickness 1.2mm(±0.2mm)and 2 nos.of 6mm di bright rod will be inserted horizontal with both side check and nut system and stretches where fixing of hinges /hasp bolt/tower bolt/door ring are required to be strong enough to with stand wear and tear. The rate is inclusive of cost of all materials, labour and hire of tools and plants. P-135, 1-27	2.66 m2	@2127.00/m2	Rs. 5,657.82
25.	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous China ware of approved make in position complete excluding 'P' or 'S' trap. i)580mmx440mm P-79,1-4	1 no..	@1613.00/each	Rs. 1,613.00
26.	Supplying fitting and fixing Anglo-Indian W.C in white glazed vitreous China ware of approved make complete in position with necessary bolts, nut etc. a)with 'S' trap(with vent) P-79,13	2 nos.	@3287.00/each	Rs. 6,574.00
27.	Flat back Urinal(half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75mmx75mmx75mm wooden blocks complete. ii)635mmx395mmx420mm P-80,1-6	4 nos.	@2869.00/each	Rs. 11,476.00
28.	Squealing plate with integral flushing in white vitreous China ware of approved make supplied, fitted and fixed in cement concrete (6:3:1)with Jhama chips complete. i)450mmx350mm P-80,1-7	1 no.	@881.00/each	Rs. 881.00
29.	Supplying fitting and fixing 10 Ltr.P.V.C low down cistern conforming to I.S specification with P.V.C fittings complete C.I brackets including two coats of painting to bracket etc. P-36,1-2	2 nos.	@1015.00/each	Rs. 2,030.00
30.	Supplying fitting and fixing white vitreous china best quality approved make wash basin with C.I brackets on 75mmx75mm wooden blocks,C .P. waste fittings of 20mm dia one approved quality brass C.P pillar cocks of 15mm dia C.P Chain with			

	rubber plug of 30mm dia C.P. chain with rubber plug of 30mm dia approved quality P.V.C waste pipe with nut 32 mm sia 900 mm long approved quality P.V connection pipe with heavy brass C.P nut including mending good all damages and-painting the brackets with two coats of approved paint. (i)630mmx450mm size P-41,I-2.	2 nos.	@3260.00/each	Rs. 6,520.00
31.	Supplying,fitting and fixing G.I pipes of TATA make with all necessary accessories, specials viz.socket, Bend,tee,union,cross ,elbo,nipple, long screw, 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 two coats of painting with approved paint in any position above ground i)15mm dia medium quality ii)20 mm dia medium quality iii)25mm dia medium quality P-2,I-1	10 m 6 m 4 m	2140W @192.00/m @226.00/m 2140W @305.00/m 3190W	Rs. 4,920.00 Rs. 4,356.00 Rs. 1,220.00 2140W 1440W 1276W
32.	Supplying fitting and fixing bib cock stop cock. (i)Chromium plated Bib Cock short body P-6,I-7	4 nos.	@539.00/each	Rs. 2,156.00
33.	Supplying fitting and fixing gun metal wheel valve of approved make and brand tested to 21 kg/Sqcm. i)20 mm P-5,I-5	2 nos.	@604.00/each	Rs. 1,208.00
34.	Supplying fitting and fixing cast iron P or S trap including lead caulked joints and painting two coats to the exposed surface. a)S trap i)100mm P-66,I-14.	5.60 m	@803.00/each	Rs. 4,496.80
35.	Supplying fitting and fixing 18mm thick marble partition slab with c Supplying fitting and fixing chawk doongri marble square cut, both sides polished with two front corners rounded and edges polished . P81,I-13	2.31 m2	@1426.00/m2	Rs. 3,294.06
36.	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I specification supported on fibre glass frame size . 550mmx400 mm P-82,I-19	1 no.	@613.00/each	Rs. 613.00
37.	Supplying, fitting and fixing towel rail with two brackets. a)C.P over brass i)25mm dia and 750 mm long P-82,I-22	2 nos	@475.00/each	Rs. 950.00
38.	Supplying fitting and fixing liquid soap container chromium plated. P-82,I-17 a) chromium plated.	2 nos.	@393.00/eac	Rs. 786.00
39.	Construction of septic tank of different capacities as per approved drawing with 1 st 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 100 mm thick R.C.C (1:1.5:3)top slab with necessary fittings, 20 mm thick cement plaster(4:1)with neat cement finish to the internal surface and 15 mm thick cement plaster(4:1) TO OUTSIDE WALL UPTO 200 MM BELOW g.I FLOOR FINISED WITH 20MM THICK GREY ARTIFICIAL STONE OVER 100 MM THICK R.C.C(1:1.5:3)bottom slab including supplying ,fitting and fixing asll necessary special, fittings, S.W tees,C.I foot rest			

	etc.including excavation earth in asll sorts of soi9l,shoring , balling 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 and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes joints etc, with internal plasterwork 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. (i)For 50USERS P-88,1-3	I no.	@7,936/-each 80108 m	Rs. 77,936.00 80108 m
			G.S.T @12%	Rs.5,53245.08 Rs. 66,389.40
			Add for ccess @1% Contingency @3%	Rs.6,19,634.48 Rs. 6,196.34 Rs. 18,589.03
			Say	Rs.6,44,419.85 Rs. 644,420.00

(Rupees Six lac.forty four thousand four hundred and twenty)only

18/06/19
 S.A.E(B)
 Dubrajpur Municipality
 Birbhum
 SAE (Building)
 Dubrajpur Municipality
 Dubrajpur, Birbhum

Executive Officer
 Dubrajpur Municipality
 Birbhum
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 Dubrajpur, Birbhum

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 69462.16

 648313.53
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28/6/19
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 TUHIN KUMAR DEY
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 Municipal Engineering Directorate
 Govt. of West Bengal

VETTED

 02/07/19
 Executive Engineer
 Birbhum Division
 M.E. Directorate, Deptt. of M.A.
 Govt. of West Bengal

RATE ANALYSIS FOR PER CUM. OF CONCRETE (1:1.5:3) FOR DISTANCE OF 20 KM.

STEP-1

RATE OF AS PER SECTION OF THE P.W.D. SCHEDULE PAGE-26, IT-10

Rs. A4054.00

4109 = 00

STEP-2

ADD COST OF STONE AGGREGATE OF DIFFERENT GRADING AS PER CONSUMPTION REQUIRED FOR ONE CUM. OF CONCRETE PER TABLE-1

VOLUME OF 20MM NORMAL SIZE STONE CHIPS PER CUM OF CONCRETE	0.53X991.00	567.84
VOLUME OF 10MM NORMAL SIZE STONE CHIPS PER CUM OF CONCRETE	0.287X860.00	246.82
TOTAL RS. B		814.66

0.53

STEP-3

ADD COST OF CARRIAGE OF THE AGGREGATE AS PER CONSUMPTION REQUIRED FOR ONE CUM. OF CONCRETE (AS PER TABLE-2)

CARRIAGE FOR STONE CHIPS	0.86X279.50	C 240.37
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STEP-4

ADD COST FOR LOADING UNLOADING OF STONE AGGREGATE 0.86X58 RS. D 49.88

SO, FINAL RATE OF THE ITEM - RS.A+RA.B+RS.C+RS.D

5158.91

5213.91/m³

18/06/19
SAE (Building)
Dubrajpur Municipality
Dubrajpur, Birbhum

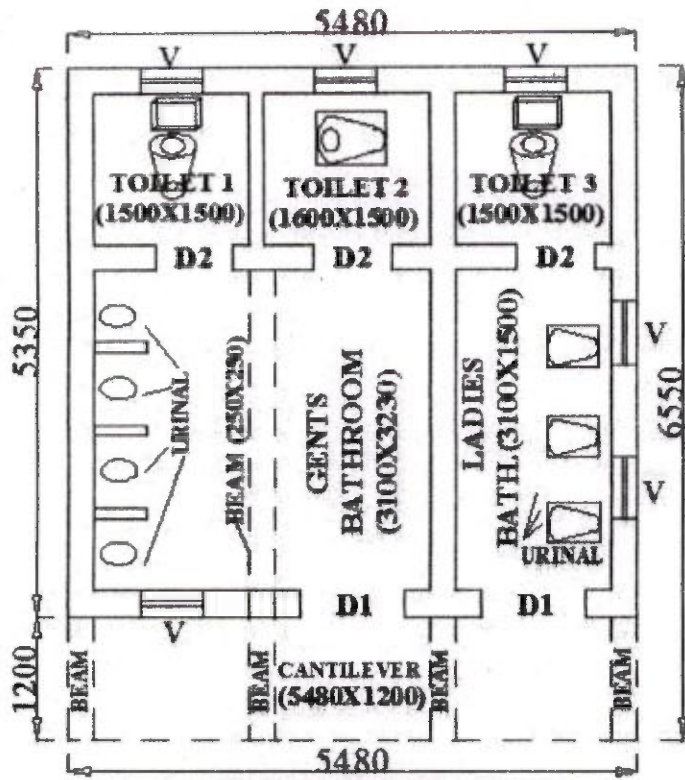
Executive Officer
Dubrajpur Municipality
Dubrajpur, Birbhum

28/6/19
TUNIN KUMAR DEY
Assistant Engineer
Birbhum Division
Municipal Engineering Directorate
Govt. of West Bengal

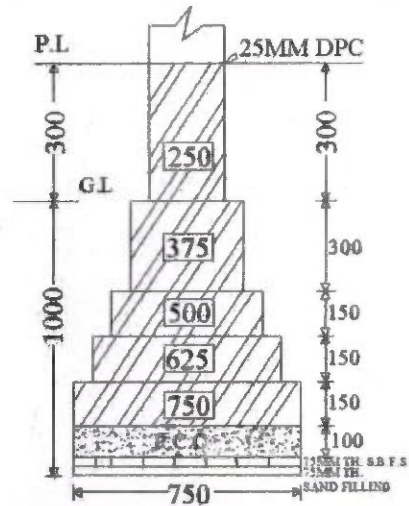
CONSTRUCTION PLAN OF 'SANITARY LATRINE' UNDER DUBRAJPUR MUNICIPALITY BIRBHUM

TOTAL BUILT UP AREA- 29.32 SQM. OR 315.43 SQ.FT.

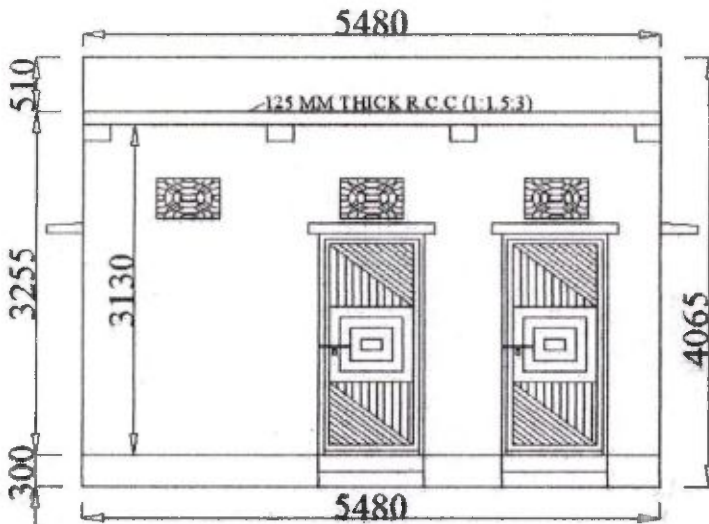
[ALL DIMENSIONS ARE IN MM][SCALE-1:100]



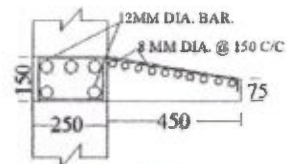
PLAN (GROUND FLOOR)



**FOUNDATION DETAILS OF
250MM THICK BRICK WALL**

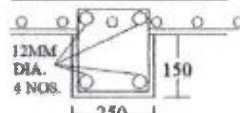


ELEVATION (GROUND FLOOR)



LINTEL & CHAJJA

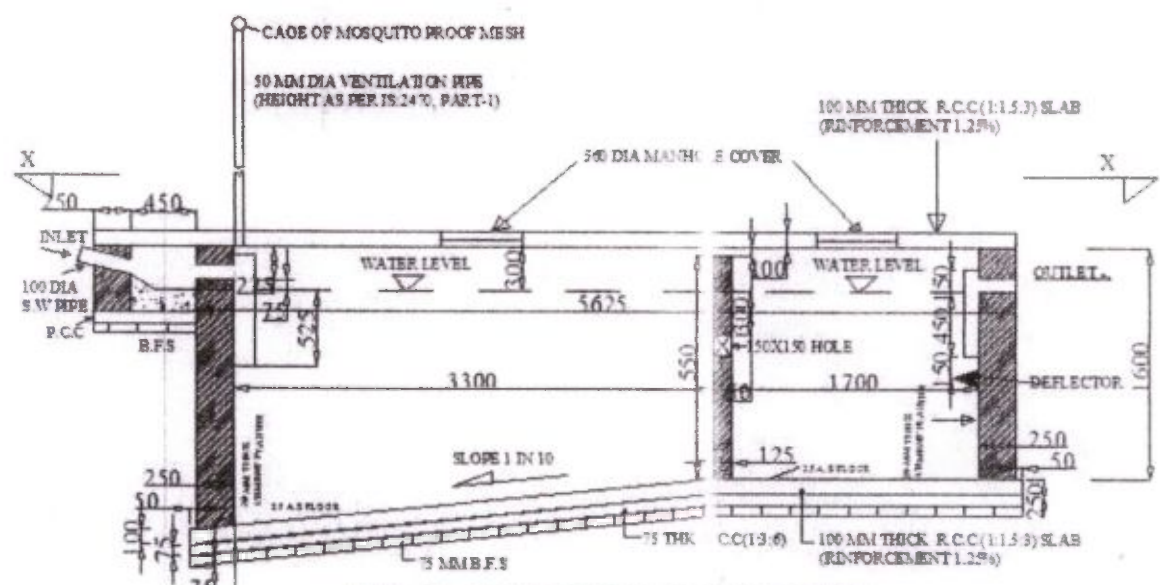
125 THICK R.C.C (1:1.5:3)



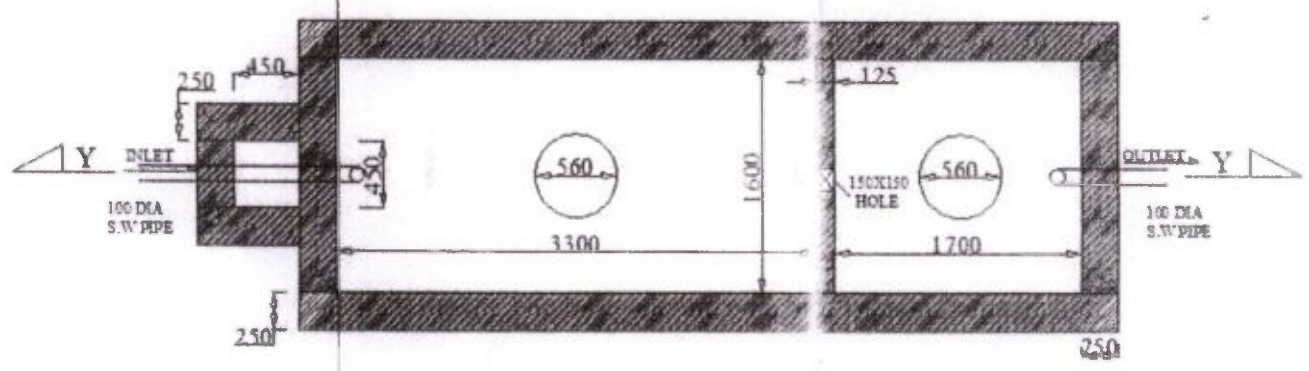
**BEAM SECTION
(250X250)**

SCHEDULE				
ITEMS	DOOR (D1)	DOOR (D2)	VENTILATOR (V)	BEAM
DIMENSION	800X1950 (2 NOS)	740X1800 (3 NOS)	600X450 (5 NOS)	250X250 (2 NOS)



DETAILS OF SEPTIC TANK (50 USERS)



SECTION OF SEPTIC TANK ON 'YY'



PLAN OF SEPTIC TANK AT 'XX'

SIGNATURE OF EXECUTIVE OFFICER DUBRAJPUR MUNICIPALITY	DRAWN BY	APPROVED BY	
		A.E	E.E
 Executive Officer Dubrajpur Municipality Dabra, Jharkhand	 18/06/19 SAE (Building) Dubrajpur Municipality Dabra, Jharkhand		

Construction of Sanitary Latrine near Power House More at ward No. 11 within Dubrajpur Municipality, Birbhum
As per P.W.D W.C-I .Schedule of rates W.e.f 1.12.2017.

Sl.No.	Description	Qty.	Rate		Amount	
			Rs.	P.	Rs.	P.
1.	Earth work in excavation of foundation trenches in all sorts of soil (including mixed soil but excluding laterite or sand stone)including removing spreading or stacking the spoils within a lead of 75m as directed. The items includes necessary trimming the sides of trenches, leveling , dressing and ramming the bottom bailing out water as required complete . i)Depth of excavation not exceeding 1.5m. P1,1-2	17.53 m3	@119.27/m3		Rs. 2,090.80	
2.	Filling in foundation or plinth by silver sand in layers not exceeding 150mm as directed and consolidating same by through saturation with water ramming complete . including the cost of supply of sand.(Payment to be made measurement of finished quantity) B)Fine sand P-2,1-4	10.01 m3	@487/41/m3		Rs. 4,878.97	
3.	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powder earth or local sand. P-12,1-1	34.62 m2	266.00 @264.00/m2		Rs. 9,208.92 9,139.68	
4.	Plan cement concrete with graded stone chips (40mm down size)excluding shuttering in ground floor. (Pakur variety) 1:3:6 proportion P-25,1-12a	2.91 m3	1233.00 @4744.00/m3		Rs. 12,318.03 13,805.04	
5.	Brick work with 1 st class bricks in cement mortar (6:1) A)In foundation and plinth B)In Superstructure ground floor C)Above G.F in superstructure P-30,1-22	14.24 m3 20.77 m3 2.19 n3	4243.00 @4,214.00/m3 @4,421.00/m3 @4,532.00/m3 4577.00		Rs. 60,420.51 60,007.36 Rs. 91,824.17 Rs. 9,925.08 92758.82 1002363	
6.	125mm thick brick work with 1 st class bricks in cement mortar (1:4)in ground floor. P-32,1-29	10.85 m2	@588.00/m2 592		Rs. 6,279.80 6423.20	
7.	25mm thick Damp proof course with cement concrete with stone chips(3:1.5:1)at Admixture specification by two coat of polymer based paint is directed. P-47,1-1	6.80 m2	@173.00/m2 175		Rs. 1,176.40 1190.00	
8.	Hire and labour charge for shuttering with centering and necessary staging upto 4Mtr.using approved 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 work (upto roof of ground floor) a) 25mm to 30mm thick wooden shuttering in foundation b)25mm to 30mm thick shuttering without staging in foundation P-27,1-12,(a)	37.17 m2 18.81m2	328.00 @305.00/m2 @205.00/m2		Rs. 12,191.76 Rs. 11,336.85 Rs. 3,856.05 3856.05	
9.	Re-inforcement for reinforced concrete work in all sorts of structures including distribution bars,stirrups ,binders etc.initial staging and removal of loose rust (if necessary)cutting to requisite length ,hooking and binding to correct shape placing in proper position and binging. With 16 guage black annaled wire at every intersection ,as per drawing and direction. For works in foundation basement and upto roof of ground floor /upto 4m Tor Steel /Mild steel P-28,1-15	0.603 MT	67280.20 @57,544.82/MT		Rs. 40,567.96 34,699.52	

10.	Ordinary cement concrete (1:1.5:3)with graded stone chips (20mm nominal size)excluding shuttering and reinforcement ,if any,in ground floor as per relevant I.S Codes.(Pakur variety) P-15,1-07(i)	6.33 m3	5213.91 @5158.91/m3	Rs. 32,655.90 33004.05
11.	Plaster (to wall floor,celing etc.)with sand and cement mortar including rounding off or chamfering corners as directed and racking out joints including throuatging nosing and drip course scaffolding /staging where necessary(Ground floor)(Exceeding cost of chipping over concrete surface) (i)with 1:6 cement mortar. a)20mm thick plaster 15mm thick ii)With (1:4)cement mortar 10mm thick plaster In ground floor P-164,1-2	54.31 m2 106.69 m2 34.89 m2	153.1w @151.00/m2 135.00w @133.00/m2 122.00w @121.00/m2	Rs. 8,200.81 8309.43 Rs. 14,189.77 - 14403.15 Rs. 4,221.69 - 4256.98
12.	Neat cement punning about 1.5mm thick in wall, ado, window sills floor, drain etc P-166,1-8	8.60 m2	@34.00/m2	Rs. 292.40
13.	Supplying fitting & fixing 1 st quality ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colourings oxide if required to match the colour of tiles including roughing of concrete surface, if necessary or by synthetic adhesive & grout materials etc. A)Floor (A Wall) With sand cement Mortar (1:3) 15mm thick & 2mm thick cement slurry at back side of tiles using cement slurry at back side of tilesusing cement @2.91Kg/Sq.m. (a)Area of each the upto 0.09Sq.m.)Colour decorative a)Area of each the upto 0.09Sq.m. i)Colour decorative P-64,1-35	55.69 m2	737w @435.00/m2	Ea. 40,932.15 41043.53
14.	Supplying ,fitting and fixing Marble Slab /tile of 15 to 18mm thickness in floor hobby,stair,landing & threads etc,over 20mm (av.)thick base of cement mortar (1:2)laid with white cement slurry 4.4kg/sq.m before placing marble & jointed with white cement slurry @2.0kg/sq.m with necessary pigment including grinding and granite polishing as per direction of Engineering-in-charge in ground floor ,(white cement and pigment to be supplied by the agency. a)with Makrana Plain Pink /Adranga Pink/Gulabi /Udaypur. iii)Area of each slab /tile exceeding 0.30sqm P-55,1-12	30.71 m2	1672w @1169.00/m2	Rs. 35,899.99 51347.17
15.	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 thoroughly, complete .(a)one coat P-196,1-8	187.29 m2	@3140.00/m2	Rs. 5,880.90
16.	Protective and decorative Acrylic exterior emulsion paint of approved quality as per manufacture's specification and as per direct ion of E.I.C to be applied over Acrylic primer as required . In G.F (Two coats)			

	a)Acrylic emulsion P-197,I-17	187.29 m2	@67.00/m2	Rs. 12,548.43
17.	Priming one coat on timber plastered or on steel or other metal surface with synthetic enamel/oil bound primer or approved quality including smoothening surface by sand papering etc. ii)Priming one coat on steel or other metal surface with Synthetic oil bound primer of approved quality including smoothening surface sand papering. ii)Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surface and papering P-200,I-1	6.24 m2	@38.00/m2	Rs. 237.12
18.	Painting with best quality synthetic enamel paint or approved made and brand including etc.including using of approved putty etc. on the surface of necessary. with supper glass -Hi-glass) b)On steel or other metals surface Two coats (with any shades except white). P-200 I.,No..2	6.24 m2	@79.00/m2	Rs. 492.96
19.	Supplying fitting & UPVC pipes A-Type and fitting conforming to IS:13592-1992 with all necessary clamps nails,including making holes in walls,floor etc.cutting trenches in any soil ythrough masonry concrete structures etc.if necessary and mending good damages including joining with jointing materials (Spun, Yarm, Valamoid/Bitumen/M-Seal etc.)complete. A)UPVC pipes i)100mm dia B)UPVC pipe a)Plain Tee ii)110mm Dia b)Shoe ii)110mm dia P-212, I-21	20 m 2 nos. 2 nos.	@251.00/m @172.00/each @111.00/each	Rs. 5,020.00 Rs. 344.00 Rs. 222.00
20.	Supplying fitting and fixing windows and ventilators with or without inter grated grills conforming to IS1038-1976 and manufactured from rolled steel section conforming to IS-7452-1974 with non friction projecting type box type hinges glazing clips lugs in cement concrete (4:2:1)with stone chips 19mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing without integrated grill. b)Openable steel windows as per IS sizes with side hung shutter and horizontal glazing here with/without fixed type ventilators. P-107,I-20.	2.16 m2	@1663.00/m2	Rs. 3,592.08
21.	Supplying best Indian sheet glass panes setin putty complete in all floors . P-205,I-1.	2.16 m2	@536.00/m2	Rs. 1,157.76
22.	Supplying plastic water storage tank of approved quality with closed tapp with lid (Black) Multilayer a)1000 ltr.capacity P-37,I-6.	1 no.	@5128.00/each	Rs. 5,128.00
23.	Supplying fitting and fixing in position of approved P.V.C door frame(matt. finish)made of extruded PVC Multichamber hollow section having dimensions 60mmx50mmx2mm(0.2mm)horizontal section will be joined with vertical section by			

	galvanized steel screws after inserting two number steel brackets as reinforcement (making suitable space for placing hinges, one steel tube 40mmx20mmx1.20 mm will be inserted on one full vertical side of the frame(hinge side) as reinforcement , the frame will then be fixed in the opening with the help of PVC expandable fastner wooden gut ties and galvanized steel screws including cost of all materials and labor, hire charges of tools and appliances , carriage of all materials ,taxes and all other incidental charges complete. P-117,I-8	8.68 m	@279.00/m	Rs. 2,421.72
24	PVC Door Shutter 30 mm ~1 thick supplying fixing and PVC Door shutter of approved quality and shade in position , the style & rail of the PVC door shutter will be made of rigid PVC multicavity hollow chamber of suitable size and section with 2.0mmm(±0.2mm) wall thickness the section will have 2 nos built in beads horizontal & vertical section shall be fixed to each other by self tapping screws and 2 nos of solid plastic or M.S tubular galvanized brackets of length 200mmx80mm and other 100mmx100mm both 1.20mm in each corner of the shutter frame for placing hinges. Polymer based multicavity hollow section of 105mm x 37mm with 2.0mm(±0.2mm) wall thickness will be fitted in the middle as lock rail reinforced by solid polymer bar of 200mm long st both ends & screws for both sides. The section frame will then be fitted in by prepares of size 100mm x20mm with wall thickness 1.2mm(±0.2mm)and 2 nos.of 6mm di bright rod will be inserted horizontal with both side check and nut system and stretches where fixing of hinges /hasp bolt/tower bolt/door ring are required to be strong enough to with stand wear and tear .The rate is inclusive of cost of all materials , labour and hire of tools and plants . P-135, I-27	2.66 m2	@2127.00/m2	Rs. 5,657.82
25.	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous China ware of approved make in position complete excluding 'P' or 'S' trap. i)580mmx440mm P-79,I-4	1 no..	@1613.00/each	Rs. 1,613.00
26.	Supplying fitting and fixing Anglo-Indian W.C in white glazed vitreous China ware of approved make complete in position with necessary bolts, nut etc. a)with 'S' trap(with vent) P-79,I3	2 nos.	@3287.00/each	Rs. 6,574.00
27.	Flat back Urinal(half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75mmx75mmx75mm wooden blocks complete. ii)635mmx395mmx420mm P-80,I-6	4 nos.	@2869.00/each	Rs. 11,476.00
28.	Squealing plate with integral flushing in white vitreous China ware of approved make supplied, fitted and fixed in cement concrete (6:3:1)with Jhama chips complete. i)450mmx350mm P-80,I-7	1 no.	@881.00/each	Rs. 881.00
29.	Supplying fitting and fixing 10 Ltr.P.V.C low down cistern conforming to I.S specification with P.V.C fittings complete C.I brackets including two coats of painting to bracket etc. P-36,I-2	2 nos.	@1015.00/each	Rs. 2,030.00
30.	Supplying fitting and fixing white vitreous china best quality approved make wash basin with C.I brackets on 75mmx75mm wooden blocks,C .P. waste fittings of 20mm dia one approved quality brass C.P pillar cocks of 15mm dia C.P Chain with			

	rubber plug of 30mm dia C.P. chain with rubber plug of 30mm dia approved quality P.V.C waste pipe with nut 32 mm dia 900 mm long approved quality P.V connection pipe with heavy brass C.P nut including mending good all damages and-painting the brackets with two coats of approved paint. (i)630mmx450mm size P-41,I-2.	2 nos.	@3260.00/each	Rs. 6,520.00
31.	Supplying,fitting and fixing G.I pipes of TATA make with all necessary accessories, specials viz.socket, Bend,tee,union,cross ,elbo,nipple, long screw, 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 two coats of painting with approved paint in any position above ground i)15mm dia medium quality ii)20 mm dia medium quality iii)25mm dia medium quality P-2,I-1	10 m 6 m 4 m	2140 W @192.00/m @226.00/m 240 W @305.00/m 319 W	Rs. 4,920.00 Rs. 1,356.00 Rs. 1,220.00 2140 W 1440 W 1276 W
32.	Supplying fitting and fixing bib cock stop cock. (i)Choromium plated Bib Cock short body P-6,I-7	4 nos.	@539.00/each	Rs. 2,156.00
33.	Supplying fitting and fixing gun metal wheel valve of approved make and brand tested to 21 kg/Sqcm. i)20 mm P-5,I-5	2 nos.	@604.00/each	Rs. 1,208.00
34.	Supplying fitting and fixing cost iron P or S trap including lead caulked joints and painting two coats to the exposed surface. a)S trap i)100mm P-66,I-14.	5.60 m	@803.00/each	Rs. 4,496.80
35.	Supplying fitting and fixing 18mm thick marble partition slab with c Supplying fitting and fixing chawk doongri marble square cut, both sides polished with two front corners rounded and edges polished . P81,I-13	2.31 m2	@1426.00/m2	Rs. 3,294.06
36.	Supplying, fitting snf fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I specification supported on fibre glass frame size . 550mmx400 mm P-82,I-19	1 no.	@613.00/each	Rs. 613.00
37.	Supplying, fitting and fixing towel rail with two brackets. a)C.P over brass i)25mm dia and 750 mm long P-82,I-22	2 nos	@475.00/each	Rs. 950.00
38.	Supplying fitting and fixing liquid soap container chromium plated. P-82,I-17 a) chromium plated.	2 nos.	@393.00/eac	Rs. 786.00
39.	Construction of septic tank of different capacities as per approved drawing with 1 st 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 100 mm thick R.C.C (1:1.5:3)top slab with necessary fittings, 20 mm thick cement plaster(4:1)with neat cement finish to the internal surface and 15 mm thick cement plaster(4:1) TO OUTSIDE WALL UPTO 200 MM BELOW g.I FLOOR FINISED WITH 20MM THICK GREY ARTIFICIAL STONE OVER 100 MM THICK R.C.C(1:1.5:3)bottom slab including supplying ,fitting and fixing asll necessary special, fittings, S.W tees,C.I foot rest			

etc.including excavation earth in asll sorts of soi9l,shoring , balling 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 and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes joints etc, with internal plasterwork 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. (i)For 50USERS P-88,1-3	I no.	@7,936/-each 80108 m	Rs. 77,936.00 80108 m
		G.S.T @12%	Rs.5,53245.08 Rs. 66,389.40
		Add for ccess @1% Contingency @3%	Rs.6,19,634.48 Rs. 6,196.34 Rs. 18,589.03
		Say	Rs.6,44,419.85 Rs. 644,420.00

(Rupees Six lac.forty four thousand four hundred and twenty)only

578851.37
 69462.16

 648313.53
 6483.13
 19449.40

 874246.06
 674246 m

18/06/19
 S.A.E(B)
 Dubrajpur Municipality
 Birbhum
 SAE (Building)
 Dubrajpur Municipality
 Dubrajpur, Birbhum

Executive Officer
 Dubrajpur Municipality
 Birbhum
 Executive Officer
 Dubrajpur Municipality
 Dubrajpur, Birbhum

28/6/19
 Jr. Engineer
 Birbhum Division
 M.E. Directorate
 Govt. of West Bengal

28/6/19
 TUHIN KUMAR DEY
 Assistant Engineer
 Birbhum Division
 Municipal Engineering Directorate
 Govt. of West Bengal

VETTED
 02/07/19
 Executive Engineer
 Birbhum Division
 M.E. Directorate, Deptt. of M.A
 Govt. of West Bengal

RATE ANALYSIS FOR PER CUM. OF CONCRETE (1:1.5:3) FOR DISTANCE OF 20 KM.

STEP-1

RATE OF AS PER SECTION OF THE P.W.D. SCHEDULE PAGE-26, IT-10

Rs. A4054.00

4109 = 00

STEP-2

ADD COST OF STONE AGGREGATE OF DIFFERENT GRADING AS PER CONSUMPTION REQUIRED FOR ONE CUM. OF CONCRETE PER TABLE-1

VOLUME OF 20MM NORMAL SIZE STONE CHIPS PER CUM OF CONCRETE	0.593 0.53X991.00	567.84
VOLUME OF 10MM NORMAL SIZE STONE CHIPS PER CUM OF CONCRETE	0.287X860.00	246.82
TOTAL RS. B		814.66

STEP-3

ADD COST OF CARRIAGE OF THE AGGREGATE AS PER CONSUMPTION REQUIRED FOR ONE CUM. OF CONCRETE (AS PER TABLE-2)

CARRIAGE FOR STONE CHIPS	0.86X279.50	C 240.37
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STEP-4

ADD COST FOR LOADING UNLOADING OF STONE AGGREGATE 0.86X58 RS. D 49.88

SO, FINAL RATE OF THE ITEM - RS.A+RA.B+RS.C+RS.D

5158.91

5213.91/m³

18/06/19
SAE (Building)
Dubrajpur Municipality
Dubrajpur, Birbhum

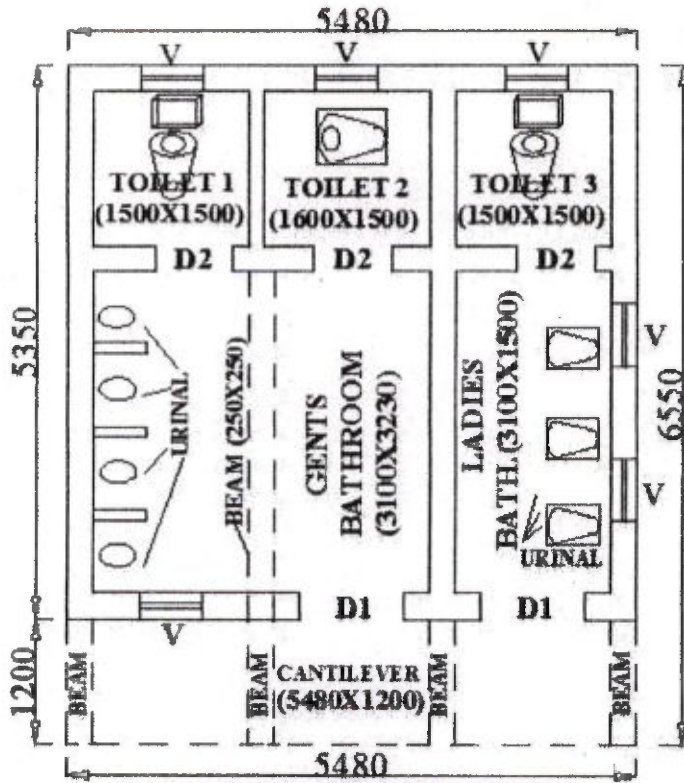
Executive Officer
Dubrajpur Municipality
Dubrajpur, Birbhum

28/6/19
TUBIN KUMAR DEY
Assistant Engineer
Birbhum Division
Municipal Engineering Directorate
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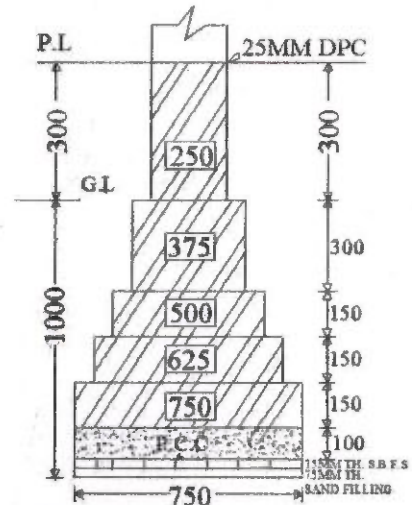
CONSTRUCTION PLAN OF 'SANITARY LATRINE' UNDER DUBRAJPUR MUNICIPALITY BIRBHUM

TOTAL BUILT UP AREA- 29.32 SQM. OR 315.43 SQ.FT.

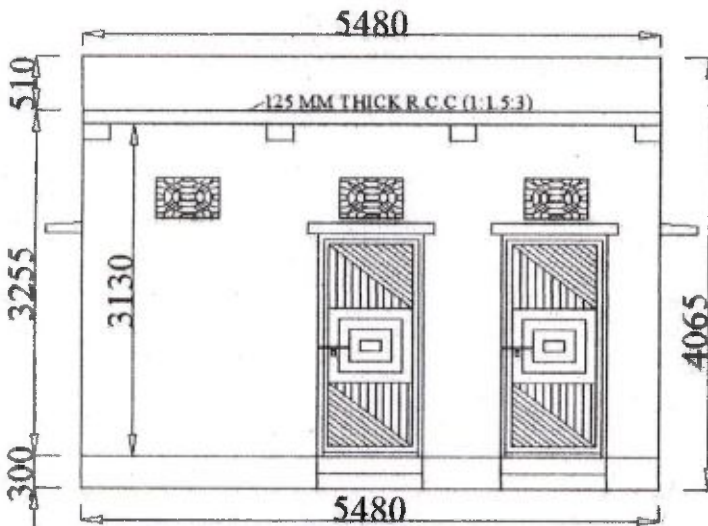
[ALL DIMENSIONS ARE IN MM][SCALE-1:100]



PLAN (GROUND FLOOR)



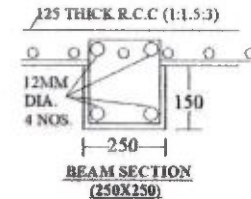
**FOUNDATION DETAILS OF
250MM THICK BRICK WALL**



ELEVATION (GROUND FLOOR)



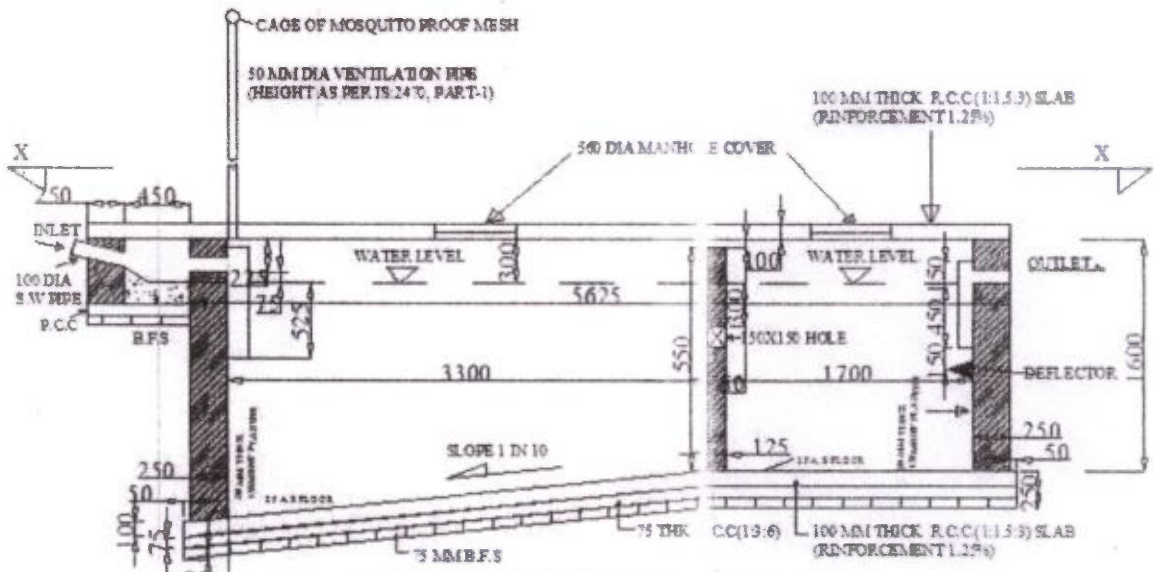
LINTEL & CHAJJA



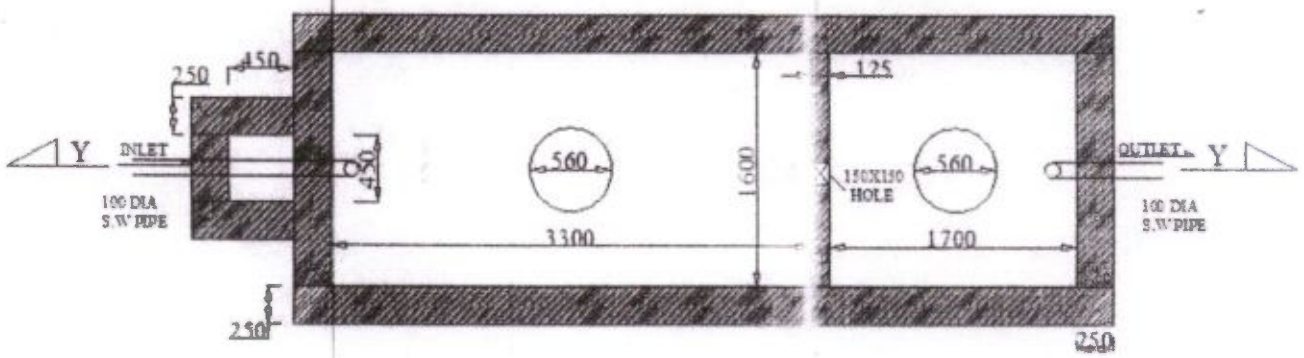
**BEAM SECTION
(250X250)**

SCHEDULE				
ITEMS	DOOR (D1)	DOOR (D2)	VENTILATOR (V)	BEAM
DIMENSION	800X1950 (2 NOS)	740X1800 (3 NOS)	600 X 450 (5 NOS)	250X250 (2 NOS)


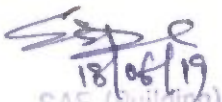
DETAILS OF SEPTIC TANK (50 USERS)



SECTION OF SEPTIC TANK ON 'YY'



PLAN OF SEPTIC TANK AT 'XX'

SIGNATURE OF EXECUTIVE OFFICER DUBRAJPUR MUNICIPALITY	DRAWN BY	APPROVED BY	
		A.E	E.E
 Executive Officer Dubrajpur Municipality Dudhgaon, Birbhum	 18/06/19 SAE (Building) Dubrajpur Municipality Dudhgaon, Birbhum		

(16)

OFFICE OF THE COUNCILLORS OF MURSHIDABAD MUNICIPALITY

LALBAGH, P.O. & DIST. - MURSHIDABAD, PIN-742149,
EMAIL: - murshidabadmunicipality@gmail.com,
FAX: - 270232, OFFICE PHONE NO. - (03482)270232

MEMO NO. - 1226 /MM

DATED: - 6, 11, 2019

From:

Sri Biplab Chakraborty
Chairman
Murshidabad Municipality



AD(SM)

Mr. Gaus
P.I.
22.11.19

To
The Director,
State Urban Development Agency, (SUDA)
"ILGUS BHAVAN",
Salt Lake, HC-Block, Sector - III,
Kolkata - 700 106.

Sub : Prayer for sanction of proposed construction of community toilets from IHHL fund .

Sir / Madam,

In order to interchange the fund from IHHL to Community toilets , we are submitting herewith our proposal the 18 Nos. community toilets specified as under. So, you are requested to sanction the same under your kind consideration.

Place	Plot No.	Khatian No.	Mouza	Area in dec.	No. of Toilet	No. of Toilet Seat	No. of Urinal Seat	Cost
1.Koborkhana	298	163	Jafraganj	84	1	2	5	356000.00
2.Radhagobinda temple	100	90	Kurmitolla	88	1	2	5	356000.00
3.New Palace	171	230	Killa nizamat	16	1	2	6	388000.00
4.Golapbagh	88	233	Golapbagh	40	1	2	5	356000.00
5.kurmitolla Bazar	692	90	Kurmitolla	56	1	2	5	356000.00
6.Kurmitolla - 4	693	90	Kurmitolla	50	1	2	5	356000.00
7.Gopinath temple	90	130	Sahamatganj	14	1	2	5	356000.00
8.Samsan Ghat	90	130	Sahamatganj	14	1	2	6	388000.00
9.Sadarghat	304	1094	Lalbagh	16	1	2	6	388000.00
10.Bandhaghat	305	1094	lalbagh	10	1	2	5	356000.00
11.Hatath Colony	692	90	Kurmitolla	56	1	2	5	356000.00
12.Sahanagar Kalibari	113	959	Sahanagar	32	1	2	6	388000.00
13.Motijhil road	158	293	HaraMotijhil	29	1	2	5	356000.00
14.Chanditolla More	204	282	Urdubazar	33	1	2	6	388000.00
15.Kathgola Bagan	333	227	Shyampur Haidarganj	62	1	2	5	356000.00
16.Jangli Kalibari	83	500	Nashipur	20	1	2	5	356000.00
17.Rathtoala	674	1094	Lalbagh	54	1	2	6	388000.00
18. Mailbas Nashipu	672	500	Nashipur	11	1	2	5	356000.00
TOTAL					18	36	96	6600000.00

Thanking you,

Yours faithfully,


Chairman
Murshidabad Municipality
Chairman
Murshidabad Municipality



(15)

OFFICE OF THE COUNCILLORS OF MURSHIDABAD MUNICIPALITY

LALBAGH, P.O. & DIST.-MURSHIDABAD, PIN-742149,
EMAIL:-murshidabadmunicipality@gmail.com,
FAX:-270232, OFFICE PHONE NO.-(03482)270232

MEMO NO.-1226 /MM

DATED:- 6.11.2019

From:
Sri Biplab Chakraborty
Chairman
Murshidabad Municipality



To
The Director,
State Urban Development Agency, (SUDA)
"ILGUS BHAVAN",
Salt Lake, HC-Block, Sector - III,
Kolkata - 700 106.

Sub : Prayer for sanction of proposed construction of community toilets from IHHL fund .

Sir / Madam,

In order to interchange the fund from IHHL to Community toilets , we are submitting herewith our proposal the 18 Nos. community toilets specified as under. So, you are requested to sanction the same under your kind consideration.

Place	Plot No.	Khatian No.	Mouza	Area in dec.	No. of Toilet	No. of Toilet Seat	No. of Urinal Seat	Cost
1.Koborkhana	298	163	Jafraganj	84	1	2	5	356000.00
2.Radhagobinda temple	100	90	Kurmitolla	88	1	2	5	356000.00
3.New Palace	171	230	Killa nizamat	16	1	2	6	388000.00
4.Golapbagh	88	233	Golapbagh	40	1	2	5	356000.00
5.kurmitolla Bazar	692	90	Kurmitolla	56	1	2	5	356000.00
6.Kurmitolla - 4	693	90	Kurmitolla	50	1	2	5	356000.00
7.Gopinath temple	90	130	Sahamatganj	14	1	2	5	356000.00
8.Samsan Ghat	90	130	Sahamatganj	14	1	2	6	388000.00
9.Sadarghat	304	1094	Lalbagh	16	1	2	6	388000.00
10.Bandhaghat	305	1094	lalbagh	10	1	2	5	356000.00
11.Hatath Colony	692	90	Kurmitolla	56	1	2	5	356000.00
12.Sahanagar Kalibari	113	959	Sahanagar	32	1	2	6	388000.00
13.Motijhil road	158	293	HaraMotijhil	29	1	2	5	356000.00
14.Chanditolla More	204	282	Urdubazar	33	1	2	6	388000.00
15.Kathgola Bagan	333	227	Shyampur Haidarganj	62	1	2	5	356000.00
16.Jangli Kalibari	83	500	Nashipur	20	1	2	5	356000.00
17.Rathtoala	674	1094	Lalbagh	54	1	2	6	388000.00
18. Mailbas Nashipu	672	500	Nashipur	11	1	2	5	356000.00
TOTAL					18	36	96	6600000.00

ENCLO: Duly vetted estimates

Thanking you,



Yours faithfully,

(Signature)
Chairman
Murshidabad Municipality
Chairman
Murshidabad Municipality

Dr. S. Mitra / Mr. ...
Pl. ...
18.11.19

Name of work :- Construction of Community toilet at Koborkhana-7nos, Radhagobinda Temple-2 nos, New balace-2 nos, Golapbagh-2 nos, Kurmitala bazar 1 no, kurmitala -4- 2no, Gopinam deb mondir-1 no, Rath tala-1 no, Mail basa Nasipur-1 no at ward no:01 to 16, under Murshidabad Municipality. 14

ITEM	QUNT.	UNIT RATE	TOTAL AMOUNT
1) (Page No-01 item no.-2(a)) - Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.			
2 x 3.725 m x 0.625 m x 0.750 m = 3.49 m ³			
3 x 2.90 m x 0.625 m x 0.750 m = 4.08 m ³			
Total = 7.57 m³			
Deduction			
6 x 0.625 m x 0.625 m x 0.750 m = 1.76 m ³			
Grand Total = 5.81 m³	5.81 m ³	₹ 11,927.00 % Cum	692987.16 25
2) (Page No-12 item no.-01) Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand			
2 x 3.725 m x 0.625 m = 4.66 m ²			
3 x 2.900 m x 0.625 m = 5.44 m ²			
1 x 1.750 m x 1.450 m = 2.54 m ²			
1 x 1.600 m x 1.450 m = 2.32 m ²			
1 x 3.475 m x 1.200 m = 4.17 m ²			
Total = 19.13 m²	19.13 m ²	₹ 324.00 /m ²	₹ 6,198.12
3) (Page No-34 item no.-22(i) (a) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor. (A) [Pakur Variety] (a) 1:3:6 proportion			
2 x 3.73 m x 0.625 m x 0.075 m = 0.35 m ³			
3 x 2.90 m x 0.625 m x 0.075 m = 0.41 m ³			
Total = 0.76 m³			
Deduction			
6 x 0.625 m x 0.625 m x 0.075 m = 0.18 m ³			
Grand Total = 0.58 m³	0.58 m ³	₹ 5,084.00 /m ³	₹ 2,948.72
4) (Page No-30 item no.-22 (a) Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth.			
2 x 3.725 m x 0.625 m x 0.150 m = 0.70 m ³			
3 x 2.90 m x 0.625 m x 0.150 m = 0.82 m ³			
2 x 3.725 m x 0.500 m x 0.150 m = 0.56 m ³			
3 x 2.900 m x 0.500 m x 0.150 m = 0.65 m ³			
2 x 3.725 m x 0.375 m x 0.150 m = 0.42 m ³			
3 x 2.900 m x 0.375 m x 0.150 m = 0.49 m ³			
2 x 3.725 m x 0.250 m x 0.150 m = 0.28 m ³			
3 x 2.900 m x 0.250 m x 0.150 m = 0.33 m ³			
Total = 4.25 m³			
Deduction			
6 x 0.625 m x 0.625 m x 0.150 m = 0.35 m ³			
6 x 0.500 m x 0.500 m x 0.150 m = 0.23 m ³			
6 x 0.375 m x 0.375 m x 0.150 m = 0.13 m ³			
6 x 0.250 m x 0.250 m x 0.150 m = 0.06 m ³			
Total = 0.77 m³			
Grand Total = 3.48 m³	3.48 m ³	₹ 4,868.00 /m ³	₹ 16,940.64
5) (Page No-30 item no.-22 (b) Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth (0.25m) In superstructure. A.H. floor			
7 x 0.250 m x 0.25 m x 2.40 m = 1.05 m ³			
Total = 1.05 m³			
Grand Total = 1.05 m³	1.05 m ³	₹ 5,091.00 /m ³	₹ 5,345.55

6)	(Page No-21 item no.-20) 125 mm thick brick work with 1st class bricks in cement mortar (1:3) in ground floor														
		2	x	1.50	m	x	2.40	m	=	7.20	m ²				
		2	x	1.475	m	x	2.40	m	=	7.08	m ²				
		3	x	1.20	m	x	2.40	m	=	8.64	m ²				
		2	x	1.20	m	x	2.40	m	=	5.76	m ²				
				Total						28.68	m ²				
	Deduction														
	Ventilator	2	x	0.60	m	x	0.60	m	=	0.72	m ²				
	Door	2	x	0.75	m	x	2.10	m	=	3.15	m ²				
				Total						3.87	m ²				
				Grand Total						24.81	m ²	24.81	m ²	₹ 699.00/m ²	₹ 17,342.1
7)	(Page No-164 item no.-2 ii(b) 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 (b) 20 mm thick plaster. (Out Side)														
		1	x	3.725	m	x	2.40	m	=	8.94	m ²				
		2	x	2.900	m	x	2.40	m	=	13.92	m ²				
				Total						22.86	m ²				
	Deduction														
		2	x	0.60	m	x	0.60	m	=	0.72	m ²				
				Total						0.72	m ²				
				Grand Total						22.14	m ²	22.14	m ²	₹ 159.00/m ²	₹ 3,520.2
8)	(Page No-164 item no.-2 ii(c) 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. (inside Side)														
		3	x	1.75	m	x	2.40	m	=	12.60	m ²				
		3	x	1.600	m	x	2.40	m	=	11.52	m ²				
		4	x	1.450	m	x	2.40	m	=	13.92	m ²				
		2	x	1.200	m	x	2.40	m	=	5.76	m ²				
				Total						43.80	m ²				
	Deduction														
		2	x	0.60	m	x	0.60	m	=	0.72	m ²				
		2	x	0.75	m	x	2.10	m	=	3.15	m ²				
				Total						3.87	m ²				
				Grand Total						39.93	m ²	39.93	m ²	₹ 139.00/m ²	₹ 5,550.2
9)	(Page No-164 item no.-2 ii(c) 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 1:4 cement mortar (c) 10 mm thick plaster. (Ceiling)														
		1	x	2.775	m	x	3.475	m	=	9.64	m ²				
		3	x	2.775	m	x	0.200	m	=	1.67	m ²				
				Total						11.31	m ²				
				Grand Total						11.31	m ²	11.31	m ²	₹ 125.00/m ²	₹ 1,413.7

(Page No-27 item no.-12(a)) 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) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge

Footing	2	x	2	x	3.725	m	x	0.075	m	=	1.12	m ²
Footing	2	x	3	x	2.90	m	x	0.075	m	=	1.31	m ²
Slab			1	x	3.725	m	x	2.900	m	=	10.80	m ²
	1	x	2	x	2.90	m	x	0.20	m	=	1.16	m ²
Total											14.39	m²
Deduction												
Footing	6	x	2	x	0.625	m	x	0.075	m	=	0.56	m ²
Total											0.56	m²
Grand Total											13.83	m²

13.83 m² ₹ 330.00/m² ₹ 4,563.9

12) (Page No-15 item no.-15(i)) 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.

Slab	1	x	3.725	m	x	2.90	m	x	0.10	m	=	1.08	m ³
Roof beam	1	x	2.900	m	x	0.20	m	x	0.20	m	=	0.12	m ³
Total											1.20	m³	
Grand Total											1.20	m³	

1.20 m³ ₹ 5,975.35/m³ ₹ 7,170.4

13) (Page No-28 item no.-15(a) (ii)) 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. (a) For works in foundation, basement and upto roof of ground floor/upto 4 m. (i) Tor steel/Mild Steel. [1.2% of total Concrete] Other than SAIL/TATA/RINL *2nd Colongane*

Total											0.11	M.T
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0.11 M.T ₹ 55,629.00/M.T ₹ 6,288.7

68159.00 7485.82

14) (Page No-194 item no.-3(i) (b)) Colour washing with "ELLA" with a coat of white wash priming including cleaning and smoothening surface thoroughly (i) Internal (all floors) (b) Two coats (Inside)

	3	x	1.75	m	x	2.40	m	=	12.60	m ²		
	3	x	1.600	m	x	2.40	m	=	11.52	m ²		
	4	x	1.450	m	x	2.40	m	=	13.92	m ²		
	2	x	1.200	m	x	2.40	m	=	5.76	m ²		
	1	x	2.775	m	x	3.475	m	=	9.64	m ²		
	3	x	2.775	m	x	0.200	m	=	1.67	m ²		
Total											55.11	m²
Deduction												
	2	x	0.60	m	x	0.60	m	=	0.72	m ²		
	2	x	0.75	m	x	2.10	m	=	3.15	m ²		
Total											3.87	m²
Grand Total											51.24	m²

51.24 m² ₹ 21.53/m² ₹ 1,103.

15) (Page No-194 item no.-3(ii) (b)) Colour washing with "ELLA" with a coat of white wash priming including cleaning and smoothening surface thoroughly (ii) External surface (ground floor) (b) Two coats (out side)

	1	x	3.725	m	x	2.40	m	=	8.94	m ²		
	2	x	2.900	m	x	2.40	m	=	13.92	m ²		
Total											22.86	m²
Deduction												
	2	x	0.60	m	x	0.60	m	=	0.72	m ²		
Total											0.72	m²
Grand Total											22.14	m²

22.14 m² ₹ 21.77/m² ₹ 481.

2

Page no-10 item no-107 Supplying, Fitting & Fixing Factory made P.V.C. door frame of size 50 mmx47 mm with a wall thickness of 5 mm, made out of extruded 5 mm, PVC sheet miter cut at two corners and joined with two nos of 1.5 mm long brackets of 15 mm x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19 mmx 19 mm M.S. Square tube of 19 gauge. weather seal to be provided through out the frame. The door frame shall be fixed with the wall using 65/100 mm long screws through the frame by using P.V.C fasteners. A minimum of 4 Nos of screws to be provided for each vertical member and minimum 2 Nos for horizontal member etc. complete as per Manufacturer's specification and direction of Engineer-in-Charge.

2	x	4.20	m	=	8.40	m
Total =					8.40	m

8.40	m	315.00	/m	2562.00
8.40	m	352.00	/m	2956.80

17) (Page No-144 item no-145) Supplying, Fitting & Fixing 30 mm thick Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails. M.S. frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5 mm th. heat moulded PVC "C" channel of size 30 mm th, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mmx2) th, 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail. Paneling of 5 mm th. both side PVC sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) th. x15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc. complete excluding all necessary hardwares as per direction of Engineer-in-Charge. In ground floor.

2	x	2.10	m	x	0.75	m	=	3.15	m ²
Total =									3.15 m ²

3.15	m ²	1943.00	/m ²	6120.45
3.15	m ²	2277.00	/m ²	7172.55

18) (Page No-144 item no-145) supplying, fitting and fixing PVC pipes of approved make of (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - 1), 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 respects 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 separately) (a) For Exposed Work PVC Pipes 32 mm

32 mm dia	1	x	10.00	m	=	10.00	m
25 mm dia	1	x	15.00	m	=	15.00	m

10.00	m	250.00	/m	2500.00
15.00	m	249.00	/m	3735.00
10.00	m	186.00	/m	1860.00

19) (Page No-32 item no-1-6(b)) Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer 1000 litre capacity.

1	x	1	=	1.00	each
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1.00	each	191.00	5128.00	2865.00
1.00	each	6110.00	5128.00	6110.00

20) (Page No-32 item no-1-10(i)(a)) Labour for hoisting plastic water storage tank. Upto 1500 litre capacity. Upto 1st story from G.L.

1	x	1	=	1.00	each
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1.00	each	96.00	96.00	194.00
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21) (Page No-33 item no-1-13) Labour for punching hole in plastic water storage tank upto 50 mm dia.

1	x	2	=	2.00	each
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2.00	each	19.00	each	38.00
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22) (Page No-33 item no-1-2) Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.

1	x	1	=	1.00	each
---	---	---	---	------	------

1.00	each	1015.00	1015.00	1015.00
1.00	each	1181.00	each	1181.00

23) (Page No-33 item no-1-2) Wash basin vitreous china of approved make (without fittings) supplied, fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets. Angle back wash basin 400 mm X 400 mm

1	x	1	=	1.00	each
---	---	---	---	------	------

1.00	each	1210.00	1210.00	1210.00
1.00	each	1445.00	each	1445.00

24) (Page No-39 item no-1-10(b)) Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps complete. 750 mm long

1	x	2	=	2.00	each
---	---	---	---	------	------

2.00	each	59.00	118.00	118.00
2.00	each	69.00	each	138.00

25) (Page No-39 item no-1-10(ii)) Supplying, fitting and fixing pillar cock of approved make. CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model -Tropical / Sumthing Special of ESSCO or similar brand).

1	x	1	=	1.00	each
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1.00	each	555.00	555.00	555.00
1.00	each	713.00	each	1426.00

Page No. 88 Item no. 3(b) 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 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. (ii) For 20 users. A) With Pakur variety. **[OTHER THAN JAIL/TATA/RINL]**

		45092.00	45092.00
	1	x	1 = 1.00 each
	1.00	each	₹ 50,415.00 each
TOTAL			₹ 1,81,592.9
Add CGST @ 6%			₹ 10,895.5
Add SGST @ 6%			₹ 10,895.5
TOTAL			₹ 2,03,384.0
Add Cess @ 1%			₹ 2,033.8
Add Contingency @ 3%			₹ 6,101.5
TOTAL			₹ 2,11,519.4
SAY TOTAL			₹ 2,11,519.0
TOTAL			40,18,861.0

Total ₹ = 1,65,760.25

₹ = 9,945.62

₹ = 9,945.62

Total ₹ = 1,85,651.49

₹ = 1,856.51

₹ = 5569.54

Total ₹ = 1,93,077.54 ~~₹ = 1,93,078.00~~
 (Rupees Two Lakh Eleven Thousand Five Hundred Nineteen Only)

Total number 19 nos (Part-B) ~~₹ 1,93,078.00~~
 (Rupees Forty Lakh Eighteen Thousand Eight Hundred Sixty One Only)

₹ = 36,68,482.00

Signature of Sub-Assistant Engineer
 01.06.18
 Murshidabad Municipality

[Rupee Thirty six Lakh Sixty Eight Thousand Four Hundred Eighty Two only]

Signature of Chairman
 Murshidabad Municipality
 Vice-Chairman
 Murshidabad Municipality

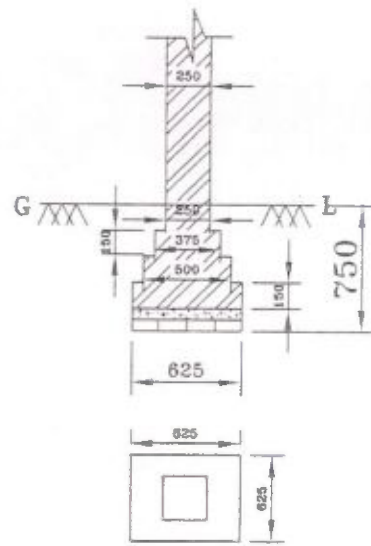
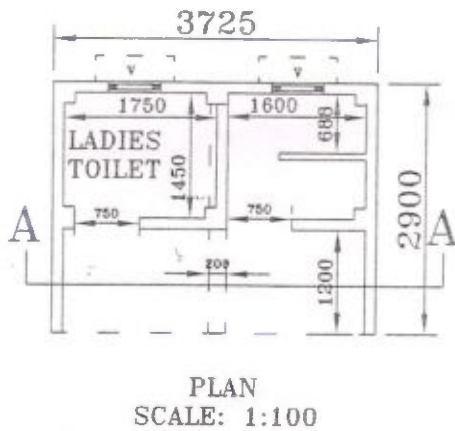
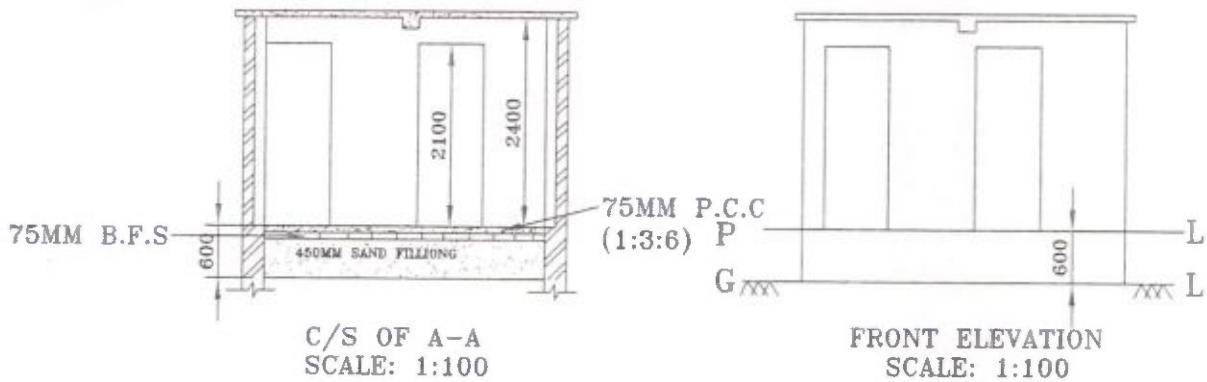
Signature
 11.06.18
 JUNIOR ENGINEER
 Murshidabad Division, M.E.DTE.
 Deptt. of Municipal Affairs
 Govt. of West Bengal

May be verified
 11/6/18

Verified.
 Bamson
 12/6/18
 EXECUTIVE ENGINEER
 MURSHIDABAD DIVISION M.E.DTE.

ASSISTANT ENGINEER
 Murshidabad Division
 ME Directorate
 Deptt. of Municipal Affairs
 Govt. of West Bengal

DETAILS OF DRAWING OF COMMUNITY TOILET & URINALS AT MURSIDABAD MUNICIPALITY UNDER THE SCHEME OF MISSION NIRMAL BANGLA



DOOR & WINDOW SCHEDULE		
DOOR (D)	750 (WIDTH)	2100 (HIGHT)
VENTILATOR (V)	600 (WIDTH)	600 (HIGHT)

S. S. S.
S.A.E. 01-06-18
Murshidabad Municipality

V. S.
Chairman
Murshidabad Municipality

Name of work :- Construction of Community toilet at Lalbagh Sasan ghat-3 nos, Sadar ghat-1no, Lalbagh Sandharghat-1 no, Hatat coloni-1 no, Sahanagar kali bari-3 nos, Motijhil road-3 nos, Chanditala more-2 nos, Katgola bagan- 3 nos, Jangli Kalibari-2 nos at ward no:01 to 16, under Murshidabad Municipality. Total number is =19 nos.

ITEM	QUNT.	UNIT RATE	TOTAL AMOUNT
1) (Page No-01 item no.-2(a)) Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.			
2 x 3.725 m x 0.625 m x 0.750 m = 3.49 m ³			
3 x 2.90 m x 0.625 m x 0.750 m = 4.08 m ³			
Total =			7.57 m³
Deduction			
6 x 0.625 m x 0.625 m x 0.750 m = 1.76 m ³			
Grand Total =			5.81 m³
	5.81 m ³	11927 m ³	692.96
	3.49 m ³	₹ 1,927.00	₹ 6,716.25
2) (Page No-12 item no.-01) Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand			
2 x 3.725 m x 0.625 m = 4.66 m ²			
3 x 2.900 m x 0.625 m = 5.44 m ²			
1 x 1.750 m x 1.450 m = 2.54 m ²			
1 x 1.600 m x 1.450 m = 2.32 m ²			
1 x 3.475 m x 1.200 m = 4.17 m ²			
Total =			19.13 m²
	19.13 m ²	₹ 324.00/m ²	₹ 6,198.12
3) (Page No-34 item no.-22(i) (a)) Cement concrete with graded stone ballast (40 mm size excluding shuttering) in ground floor. (A) [Pakur Variety] (a) 1:3:6 proportion			
2 x 3.73 m x 0.625 m x 0.075 m = 0.35 m ³			
3 x 2.90 m x 0.625 m x 0.075 m = 0.41 m ³			
Total =			0.76 m³
Deduction			
6 x 0.625 m x 0.625 m x 0.075 m = 0.18 m ³			
Grand Total =			0.58 m³
	0.58 m ³	₹ 5,084.00/m ³	₹ 2,948.72
4) (Page No-30 item no.-22 (a)) Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth.			
2 x 3.725 m x 0.625 m x 0.150 m = 0.70 m ³			
3 x 2.90 m x 0.625 m x 0.150 m = 0.82 m ³			
2 x 3.725 m x 0.500 m x 0.150 m = 0.56 m ³			
3 x 2.900 m x 0.500 m x 0.150 m = 0.65 m ³			
2 x 3.725 m x 0.375 m x 0.150 m = 0.42 m ³			
3 x 2.900 m x 0.375 m x 0.150 m = 0.49 m ³			
2 x 3.725 m x 0.250 m x 0.150 m = 0.28 m ³			
3 x 2.900 m x 0.250 m x 0.150 m = 0.33 m ³			
Total =			4.25 m³
Deduction			
6 x 0.625 m x 0.625 m x 0.150 m = 0.35 m ³			
6 x 0.500 m x 0.500 m x 0.150 m = 0.23 m ³			
6 x 0.375 m x 0.375 m x 0.150 m = 0.13 m ³			
6 x 0.250 m x 0.250 m x 0.150 m = 0.06 m ³			
Total =			0.77 m³
Grand Total =			3.48 m³
	3.48 m ³	₹ 4,868.00/m ³	₹ 16,940.64
5) (Page No-30 item no.-22 (b)) Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth. (0.25m) <i>Dr Superstructure - G.P. floor</i>			
7 x 0.250 m x 0.25 m x 2.40 m = 1.05 m ³			
Total =			1.05 m³
Grand Total =			1.05 m³
	1.05 m ³	₹ 5,091.00/m ³	₹ 5,345.55

6

	2	x	1.50	m	x	2.40	m	=	7.20	m ²
	2	x	1.475	m	x	2.40	m	=	7.08	m ²
	3	x	1.20	m	x	2.40	m	=	8.64	m ²
	2	x	1.20	m	x	2.40	m	=	5.76	m ²
Total									28.68	m²
Deduction										
Ventilator	2	x	0.60	m	x	0.60	m	=	0.72	m ²
Door	2	x	0.75	m	x	2.10	m	=	3.15	m ²
Total									3.87	m²
Grand Total									24.81	m²

189

7) (Page No-164 item no.-1 i(b) 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 (b) 20 mm thick plaster. (Out Side)

	1	x	3.725	m	x	2.40	m	=	8.94	m ²
	2	x	2.900	m	x	2.40	m	=	13.92	m ²
Total									22.86	m²
Deduction										
	2	x	0.60	m	x	0.60	m	=	0.72	m ²
Total									0.72	m²
Grand Total									22.14	m²

8) (Page No-164 item no.-2 i(c) 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. (inside Side)

	3	x	1.75	m	x	2.40	m	=	12.60	m ²
	3	x	1.600	m	x	2.40	m	=	11.52	m ²
	4	x	1.450	m	x	2.40	m	=	13.92	m ²
	2	x	1.200	m	x	2.40	m	=	5.76	m ²
Total									43.80	m²
Deduction										
	2	x	0.60	m	x	0.60	m	=	0.72	m ²
	2	x	0.75	m	x	2.10	m	=	3.15	m ²
Total									3.87	m²
Grand Total									39.93	m²

9) (Page No-164 item no.-2 ii(c) 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 1:4 cement mortar (c) 10 mm thick plaster. (Ceiling)

	1	x	2.775	m	x	3.475	m	=	9.64	m ²
	3	x	2.775	m	x	0.200	m	=	1.67	m ²
Total									11.31	m²
Grand Total									11.31	m²

24.81	m ²	₹ 699.00	/m ²	₹ 17,342.1
22.14	m ²	₹ 159.00	/m ²	₹ 3,520.2
39.93	m ²	₹ 139.00	/m ²	₹ 5,550.2
11.31	m ²	₹ 125.00	/m ²	₹ 1,413.7

11) (Page No-27 item no-12(a)) 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) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.

Footing	2	x	2	x	3.725	m	x	0.075	m	=	1.12	m ²
Footing	2	x	3	x	2.90	m	x	0.075	m	=	1.31	m ²
Slab			1	x	3.725	m	x	2.900	m	=	10.80	m ²
	1	x	2	x	2.90	m	x	0.20	m	=	1.16	m ²
Total =											14.39	m ²
Deduction												
Footing	6	x	2	x	0.625	m	x	0.075	m	=	0.56	m ²
Total =											0.56	m ²
Grand Total =											13.83	m ²

13.83 m² ₹ 330.00/m² ₹ 4,563.9

12) (Page No-15 item no.-15(i)) 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.

Slab	1	x	3.725	m	x	2.90	m	x	0.10	m	=	1.08	m ³
Roof beam	1	x	2.900	m	x	0.20	m	x	0.20	m	=	0.12	m ³
Total =											1.20	m ³	
Grand Total =											1.20	m ³	

1.20 m³ ₹ 5,975.35/m³ ₹ 7,170.4

13) (Page No-28 item no.-15(a) (ii)) 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. (a) For works in foundation, basement and upto roof of ground floor/upto 4 m. (i) Tor steel/Mild Steel. [1.2% of total Concrete] Other than SAIL/TATA/RINL *low corrugated.*

Total =											0.11	M.T
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0.11 M.T ₹ 55,629.00/M.T ₹ 6,288.2

68058.00 748583

14) (Page No-194 item no.-3(i) (b)) Colour washing with "ELLA" with a coat of white wash priming including cleaning and smoothening surface thoroughly : (i) Internal (all floors) (b) Two coats (Inside)

	3	x	1.75	m	x	2.40	m	=	12.60	m ²		
	3	x	1.600	m	x	2.40	m	=	11.52	m ²		
	4	x	1.450	m	x	2.40	m	=	13.92	m ²		
	2	x	1.200	m	x	2.40	m	=	5.76	m ²		
	1	x	2.775	m	x	3.475	m	=	9.64	m ²		
	3	x	2.775	m	x	0.200	m	=	1.67	m ²		
Total =											55.11	m ²
Deduction												
	2	x	0.60	m	x	0.60	m	=	0.72	m ²		
	2	x	0.75	m	x	2.10	m	=	3.15	m ²		
Total =											3.87	m ²
Grand Total =											51.24	m ²

51.24 m² ₹ 21.53/m² ₹ 1,103.

15) (Page No-194 item no.-3(ii) (b)) Colour washing with "ELLA" with a coat of white wash priming including cleaning and smoothening surface thoroughly : (ii) External surface (ground floor) (b) Two coats (out side)

	1	x	3.725	m	x	2.40	m	=	8.94	m ²		
	2	x	2.900	m	x	2.40	m	=	13.92	m ²		
Total =											22.86	m ²
Deduction												
	2	x	0.60	m	x	0.60	m	=	0.72	m ²		
Total =											0.72	m ²
Grand Total =											22.14	m ²

22.14 m² ₹ 21.77/m² ₹ 481.99

112.35.4 Supplying, fitting & fixing factory made P.V.C. door frame of size 30 mm x 47 mm with a wall thickness of 5 mm, made out of extruded 5 mm, PVC sheet miter cut at two corners and joined with two nos of 1.5 mm long brackets of 15 mm x 15 mm M.S. square tube. The two vertical door profiles are to be reinforced with 19 mm x 19 mm M.S. Square tube of 19 gauge. weather seal to be provided through out the frame. The door frame shall be fixed with the wall using 65/100 mm long M.S. Screws through the frame by using P.V.C fasteners. A minimum of 4 Nos of screws to be provided to each vertical member and minimum 2 Nos for horizontal member etc. complete as per Manufacturer's specification and direction of Engineer-in-Charge.

2	x	4.20	m	=	8.40	m
Total =					8.40	m

305.00

2562.00

12 15

17) (Page No-14 item no.-145) Supplying, Fitting & Fixing 30 mm thick Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mm x 19 mm for styles, top and bottom rails, M.S. frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5 mm th. heat moulded PVC "C" channel of size 30 mm th, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mm x 2) th. 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail. Paneling of 5 mm th. both side PVC sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm + 2 mm) th x 15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc. complete excluding all necessary hardwares as per direction of Engineer-in-Charge. In ground floor.

2	x	2.10	m	x	0.75	m	=	3.15	m ²	
Total =									3.15	m ²

1943.00

6120.45

18) (Page No-144 item no.-145) supplying, fitting and fixing PVC pipes of approved make of (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - 1). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respects 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 separately) (a) For Exposed Work PVC Pipes 32 mm

32 mm dia	1	x	10.00	m	=	10.00	m
25 mm dia	1	x	15.00	m	=	15.00	m

250

2500.00

19) (Page No-32 item no.-146) Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer 1000 litre capacity.

1	x	1	=	1.00	each
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191.00

2865.00

20) (Page No-32 item no.-1-10(i)(a)) Labour for hoisting plastic water storage tank. Upto 1500 litre capacity. Upto 1st story from G.L.

1	x	1	=	2.00	each
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96.00

96.00

21) (Page No-33 item no.-1-13) Labour for punching hole in plastic water storage tank upto 50 mm dia.

1	x	2	=	2.00	each
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19.00

38.00

22) (Page No-31 item no.-1-2) Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.

1	x	1	=	1.00	each
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1015.00

1015.00

23) (Page No-31 item no.-1-3) Wash basin vitreous china of approved make (without fittings) supplied, fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets. Angle back wash basin 400 mm X 400 mm

1	x	1	=	1.00	each
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1210.00

1210.00

24) (Page No-39 item no.-4-10(a)) Supplying, fitting and fixing approved brand 32 mm dia P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps complete. 750 mm long

1	x	2	=	2.00	each
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59.00

118.00

25) (Page No-39 item no.-4-10(b)) Supplying, fitting and fixing pillar cock of approved make. CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).

1	x	1	=	1.00	each
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555.00

555.00

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 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. (ii) For 20 users A) With Pakur variety. [OTHER THAN SAIL/TATA/RINL]

	1	x	1	=	1.00	each	1.00	each	₹ 50,413.00	each	₹ 50,413.00
TOTAL										₹ 45,092.00	₹ 45,092.00
TOTAL										₹ 50,413.00	₹ 50,413.00
Add CGST @ 6%										₹ 10,895.57	₹ 10,895.57
Add SGST @ 6%										₹ 10,895.57	₹ 10,895.57
TOTAL										₹ 2,03,384.06	₹ 2,03,384.06
Add Cess @ 1%										₹ 2,033.84	₹ 2,033.84
Add Contingency @ 3%										₹ 6,101.52	₹ 6,101.52
TOTAL										₹ 2,11,519.42	₹ 2,11,519.42
SAY TOTAL										₹ 2,11,519.00	₹ 2,11,519.00
TOTAL										₹ 40,18,861.00	₹ 40,18,861.00

TOTAL ₹ 1,65,760.25

E = 9,945.62

E = 9,945.62

TOTAL E = 1,85,651.49

E = 1,856.51

E = 5569.54

TOTAL E = 1,93,077.54 say ₹ 1,93,078.00

(Rupees Two Lakh Eleven Thousand Five Hundred Nineteen Only)

Total number 19 nos (Part-A) x 1,93,078.00

(Rupees Forty Lakh Eighteen Thousand Eight Hundred Sixty One Only)

[Rate]

E = 36,68,482.00

Division
Signature of 01.06.18
Sub-Assistant Engineer
S.A.E.
Murshidabad Municipality

[Rupee thirty six Lakh Sixty Eight Thousand, Four hundred Eighty Two only]

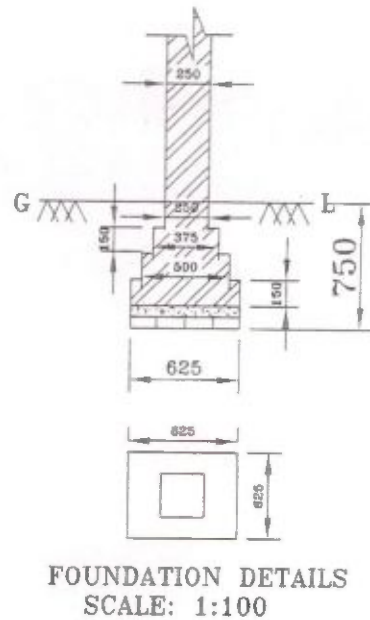
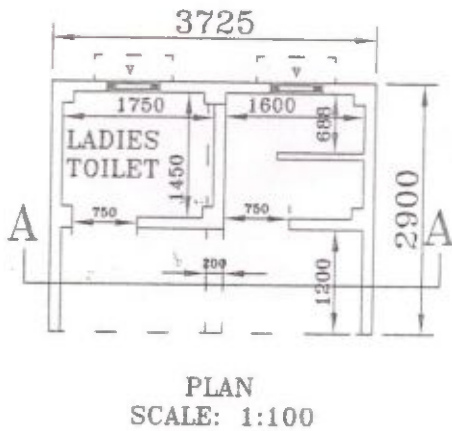
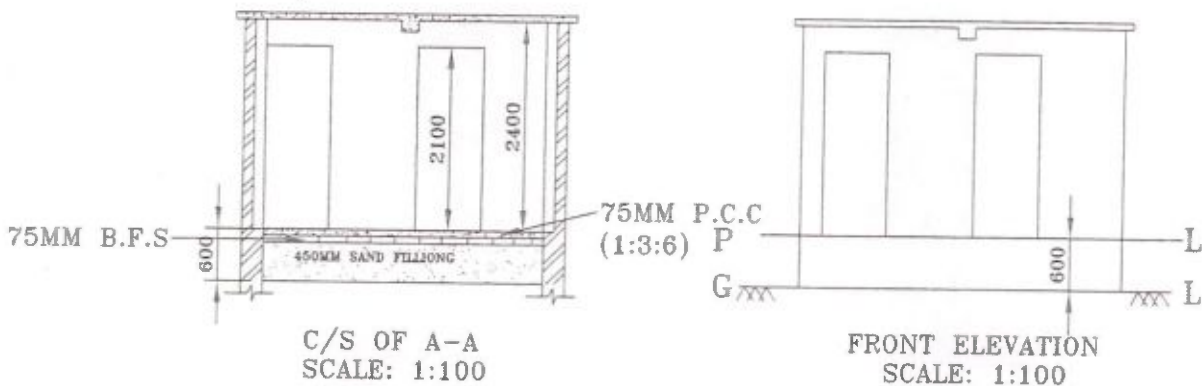
Signature of Chairman
Murshidabad Municipality
Vice-Chairman
Murshidabad Municipality

JUNIOR ENGINEER
Murshidabad Division, M.E.DTE.
Deptt. of Municipal Affairs
Govt. of West Bengal

May be settled
11/6/18
ASSISTANT ENGINEER
Murshidabad Division
ME Directorate
Deptt. of Municipal Affairs
Govt. of West Bengal

Verified
12/6/18
EXECUTIVE ENGINEER
MURSHIDABAD DIVISION M.E.DTE

DETAILS OF DRAWING OF COMMUNITY TOILET & URINALS AT MURSIDABAD MUNICIPALITY UNDER THE SCHEME OF MISSION NIRMAL BANGLA



DOOR & WINDOW SCHEDULE

DOOR (D)	750 (WIDTH)	2100 (HEIGHT)
VENTILATOR (V)	600 (WIDTH)	600 (HEIGHT)

Design
S.A.E.
Murshidabad Municipality

AS
Assistant Engineer
Murshidabad Division
ME Directorate
Dept. of Municipal Affairs
Govt. of West Bengal

Chairman
Chairman
Murshidabad Municipality