

Estimate for the Construction of Proposed Community Toilet at Contai National Primary School, Mouza. Athilagori, Ward No.XVI under Contai Municipality.

As per Drawing Model No. 'F' Toilet Seats 2 nos. & Urinal 3 nos.

Latest P.W.D., S & P Schedule, Electrical Schedule & Approved Non - Schedule Rate

1	Estimate for Civil Work including 18 % GST, 1 % Labour Well Fare Cess & 3 % Contingency	662960.000 ✓
2	Estimate for Electrical Work including 18 % GST, 1 % Labour Well Fare Cess & 3 % Contingency	51819.000 ✓
3	Estimate for Non - Schedule Work including 3 % Contingency	24343.000 ✓
Total Vetted Estimate Amount Rs.		739122.000 ✓


 S.A.E. 07/05/20
Contai Municipality
 Sub-Assistant Engineer
 Contai Municipality


 Chairman 05/05/20
Contai Municipality
~~Chairman~~
 CONTAI MUNICIPALITY

o/c

**Estimate for the Construction of Proposed Community Toilet at Contai National Primary School,
Mouza. Athilagori, Ward No.XVI under Contai Municipality.**

As per Drawing Model No. 'F' Toilet Seats 2 nos. & Urinal 3 nos.

P.W.D., S & P Schedule Effective from 1.11.2017 & Latest Addanda Corrigenda

Sl.NO	Item Description & Item No.	Quantity	Rate	Unit	Ammount
1	Page No.- 1, 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.	10.778	11927.00	%Cum	1285.49
2	Page No.- 1, Item No.- 3(a).				
	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.	3.593	7754.00	%Cum	278.60
3	Page No.- 2, Item No.- 4(A).				
	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) PWD Building Works schedule,	4.051	54351.00	%Cum	2201.76
4	Page No.-14, Item No.- 1.(Corri. Page No.-01, Date 04.06.2018				
	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	19.860	348.00	Sqm	6911.28
5	Page No.- 26, Item No.- 10(a) (rate analysis)				
	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. a) Pakur Variety /Chandil Variety	8.421	6177.92	Cum	52024.26
6	Page No.- 23, Item No.- 1(a)(rate analysis)				
	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering In ground floor and foundation. (a) 1:3:6 proportion.	2.211	4307.12	m3	9523.04
7	Page No.-16, Item No.- 16 (rate analysis)				
	125 mm brick work with 1st classbricks in cement mortar (1:4) in ground floor.	8.134	704.46	Sq.M.	5730.08

8	Page No.- 47, Item No.- 3				
	Supplying and laying polythine sheet (150 gm/sq.m) over dampproof course or below flooring or roof terracing or foundation or foundation trenches.	31.696	24.00	Sq.M.	760.70
9	Page No.- 42, Item No.- 36(f)				
	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (f) 25 mm to 30 mm shuttering without staging in	14.223	205.00	Sqm	2915.72
10	Page No.- 42, Item No.- 36(c)				
	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) (c) 9 mm to 12 mm thick approved quality Ply board shuttering as per decision & direction of Engineer-In-Charge.	48.433	359.00	Sqm	17387.45
11	Page No.- 48, Item No.- 6(ii) (rate analysis) <i>13th Corrigenda</i>				
	Artificial stone in floor ,dado, staircase etc with cement mortar (1:2:4) with stone chips sized in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including making out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/ sq.m all complete including all materials and labour. In ground floor 3 mm thick topping using gray cement mm <i>Roof treatment by application of methoxy polyurethane</i> (ii) 25	13.701	430.42 257.95	Sq.m	5897.12 3534.17
12	Page No.- 43, Item No.-40(a) (rate analysis)				
	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 and upto roof of ground floor/upto 4 m. (i) JSW/ JSPL/Shyam/SRMB/BMASL/Electro Steel / SSL	0.793	55282.74	M.T.	43839.21

13	Page No.- 106, Item No.- 18 (3rd Corrigenda)				
	Collapsible gate with 40 mm x 10 mm x 6 mm Tee as top and bottom guide rail , 20 mm x 10 mm x 2 mm vertical channels 100 mm apart in full stretched position 20m x 5 mm MS flats as collapsible bracings properly riveted and washed including 38 mm steel roller including locking arrangements , fitted and fixed in position with lugs set in cement concrete including cutting necessary hives chasing etc in walls , floors etc and making good all damages .	4.725	4330.00	Sqm	20459.25
14	Page No.- 15, Item No.- 7(a) (rate analysis)				
	Brick work with 1st class bricks in cement mortar (1:4) (a) Foundation and plinth ground floor	2.989	5397.59	Cu.m	16133.40
15	Page No.- 15, Item No.- 7(b) (rate analysis)				
	Brick work with 1st class bricks in cement mortar (1:4) (b) superstructure ground floor	11.750	5620.59	Cu.m	66041.93
16	Page No.- 192, Item No.-1				
	Labour of chipping of concrete surface before taking up plastering work.	18.739	21.00	Sqm	393.52
17	Page No.- 189, Item No.-1(i)© (rate analysis)				
	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	136.844	136.53	Sqm	18683.31
18	Page No.- 189, Item No.-1(ii)© (rate analysis)				
	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (ii) With 1:4 cement mortar (c) 10 mm thick plaster	10.114	122.53	Sqm	1239.27
19	Page No.- 192, Item No.-15 (rate analysis)				
	Neat cement punning about 1.5 mm thick in wall ,dado, window sills, floors etc .	9.210	32.75	Sq.m	301.63
20	Page No.- 115, Item No.-3 (i)				
	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria.. (i) 66mm x 90mm	24.750	497.00	Mtr	12300.75

21	Page No.- 125, Item No.-14 (ii)				
	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. In ground floor. ii) 25 mm thick	3.150	2581.00	Sqm	8130.15
22	Page No.- 144, Item No.-26(vii)				
	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws . (vii) 225mm long x 10mm dia. bolt.	4.000	84.00	Each	336.00
23	Page No.- 140, Item No.-5(viii)				
	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. (viii) 100mm X 75mm X 3.50mm.	12.000	66.00	Each	792.00
24	Page No.- 146, Item No.-31(i)				
	Anodised aluminium decorative handle (hexagonal / fluted) of approved quality fitted and fixed complete. (i) 150mm plate x 10mm dia rod x 12mm hexagonal/fluted:	8.000	87.00	Each	696.00
25	Page No.- 141, Item No.-10(b)				
	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with concrete bolt and round fitting. .b)250mm long.	4.000	159.00	Each	636.00
26	Page No.- 74, Item No.-46(i)				
	Supplying and laying chequered tiles of any shade and of approved quality with (1:1.5:3) cement concrete laid in pannels or patterns as directed in pavement ,footpath etc including necessary underlay 25 mm thick (avg)cement mortar (1:3) complete in all respect with all labour and materials .(Using cement slurry @4.4kg/sq.m at back side and @2.4 kg/sq.m for joint filling). 25 mm thick	3.038	451.67	sq.m	1372.17
27	Page No.- 198, Item No.-5				
	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick) In Ground Floor PWD Building Works schedule, PWD, P- 198, I - 5	146.958	122.00	Sqm	17928.88

28	Page No.- 195, Item No.-7(b)(i)				
	Applying interior grade Acrylic Primer of approved quality and brand on plastered and concrete surface old or new surface to receive Distemper Acrylic emulsion paint including scraping and preparing the surface thoroughly , complete as per manufacturer's specification and as per direction of the E-I-C (Ground Floor) (b) Two Coats	50.906	4420.00	%Sqm	2250.05
29	Page No.- 196, Item No.-9(b)				
	Dry Destempering interial walls or ceilling including cleaning, washing, smoothening surface (b) Two coats	50.906	49.00	Sqm	2494.39
30	Page No.- 196, Item No.-8(b)				
	Applying exterior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Decorative Textured (Martt Finish) or Smooth Finish Acrylic exterior emulsion paint including scraping and preparing the surface thoroughly , complete as per manufacturer's specification and as per direction of the EIC in Ground Floor b)Two coats.	71.313	4510.00	%Sqm	3216.22
31	Page No.- 197, Item No.-17(a)				
	Protective and Decorative Acrylic Exterior emulsion paint of approved quality, as per manufacturer's specification and as per dircion of EIC to be applied overf Acrylic primer as required. The rate includes cost of materials, labour, scaffolding and all incedental charges but excluding the cost of primer in ground floor (a) normal acrylic emulsion. (Two coats)	71.313	67.00	m2	4777.97
32	Page No.- 104, Item No.-13(a)(i) (3rd Corrigenda)				
	{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.	0.564	9888.00	Qntl	5576.83
33	Page No.- 200, Item No.-1(a)				
	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	7.740	29.00	Sqm.	224.46

34	Page No.- 200, Item No.-2(b)(iv)				
	(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)	7.740	79.00	Sqm	611.46
35	Page No.-66, Item No.-36(A) (Analysis Rate)				
	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm 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 @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring Pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contr[r]e) I (I) With application slurry @1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment. <i>supplying and laying true to line and level Antiskid</i> (A) Deep Colour & White (b) Ground floor! Sizes: 600mm X 600mm X 10mm <i>with breaking strength > 1500 N</i>	9.533	1581.18 1259.18	Sqm	15073.39 12003.76
36	Page No.-64, Item No.-35(B)(b)(ii) (Analysis Rate)				
	Supplying, fitting & fixing 1st 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 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 b) Area of each tile above 0.09 Sq.m ii) Other than Coloured decorative including white	46.410	689.07	Sqm	31979.74

37	Page No.-233, Item No.-1(h)i				
	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 i) Natural white h) Louvered window.	9.600	183.00	Mtr.	1756.80
	ii) Louvered Section.	8.000	658.00	Mtr.	5264.00
	iii) Cleat angle (Non-anodized).	7.200	263.00	Mtr.	1893.60
38	Page No.-243, Item No.-9				
	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. iv) 5mm thick coloured / tinted / smoke glass.	1.000	585.00	Sq.M.	585.00
39	Page No.-268, Item No.-17 (e)				
	Painting block letters or digits in Black Japan or any approved paint as per direction. e) Size above 7.5 cm. and upto 10 cm.	450.000	12.00	Each	5400.00
40	Page No.-261, Item No.-9(i)				
	Supplying and planting of different plants / trees (supplying well grown plants bushy and healthy, minimum height as specified i.e. exposed height including all leads and lifts, carriage, handling, manuring applying pesticide and fertilizer etc. i) Furcaria Veriegated 10 to 12 leaves in height 20-30 cm in earthen pot of size 25 cm	10.000	162.00	Each	1620.00
41	Page No.-261, Item No.-9(x)				
	x) Ficus blakii (F. Vivicon) well branched (Bushy) of height 120cm - 135 cm in earthen pot of size 30cm.	3.000	187.00	Each	561.00
42	Page No.-261, Item No.-9(xxvi)				
	xxvi) Areca Palm 4 - 5 suckers of height 90 cm to 105 cm in earthen pots of size 25 cm.	3.000	127.00	Each	381.00

SANITARY AND PLUMBING WORKS

43	<u>Page No.-79, Item No.-3(a)</u> <i>2</i>				
	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. <i>supplying, fitting & fixing E.W.C. in white glazed vitreous china.</i>	2.000	3104.00 <i>1121.00</i>	Each	6208.00 <i>2842.00</i>
44	<u>Page No.-81, Item No.-10a(ii)</u>				
	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. (b) Anglo Indian (i) Plastic (hallow type) White	2.000	380.00	Each	760.00
45	<u>Page No.-80, Item No.-6(ii)</u>				
	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	2.000	945.00	Each	1890.00
46	<u>Page No.-80, Item No.-7(i)</u>				
	Supplying fitting and fixing squatting plate with integrated flushing in white vitreous set in cement concrete (6:3:1) with jhama chips complete. (Payment of concrete will be paid seperately)	1.000	881.00	each	881.00
47	<u>Page No.-36, Item No.-2</u>				
	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.	2.000	1015.00	Nos	2030.00
48	<u>Page No.-81, Item No.-11(i)</u>				
	Supplying, fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. i) Polythene Flush Pipe	2.000	155.00	Each	310.00
49	<u>Page No.-81, Item No.-12(a)</u>				
	Supplying, fitting and fixing urinal flush pipe fittings of approved brand. (a) C.P. urinal flush pipe fittings range of one	2.000	414.00	Each	828.00
50	<u>Page No.-41, Item No.-2(ii)</u>				
	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., mending good all damages and painting the brackets with two coats of approved paint. (ii) 550 mm X 400 mm size	2.000	2208.00	Each	4416.00

51	Page No.-41, Item No.-3				
	Supplying fitting and fixing pedestal of approved make for wash basin (White)	2.000	1497.00	Each	2994.00
52	Page No.-43, Item No.-9(-iii)				
	Supplying,fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia., (iii) 600 mm long	2.000	107.00	Each	214.00
53	Page No.-43, Item No.-10(iv)				
	Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (iv) 1050 mm long each	2.000	91.00	Each	182.00
54	Page No.-3, Item No.-3(f)				
	(f) Hand Shower(Health Faucet) with 1mtr Fexible Tube with Wall Hook(Equivalent to Code No.573 & Model -	2.000	1251.00	Each	2502.00
55	Page No.-6, Item No.-7(a)(i)				
	(a) (i) Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.000	539.00	Each	2156.00
56	Page No.-6, Item No.-7(b)(i)				
	(b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar	2.000	493.00	Each	986.00
57	Page No.-6, Item No.-7(d)(i)				
	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand).	2.000	815.00	Each	1630.00
58	Page No.-45, Item No.-19(a)(i)				
	Supplying, fitting and fixing pillar cock of approved make. a) (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2.000	555.00	Each	1110.00

59	Page No.-12, Item No.-19(i)(a)				
	Supplying, fitting and fixing PVC pipes of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, 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 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, 25 mm	15.000	177.00	Mtr	2655.00
60	Page No.-12, Item No.-19(i)(a)				
	(a) For Exposed Work PVC Pipes, 15 mm	10.000	101.00	Mtr	1010.00
61	Page No.-12, Item No.-19(i)(b)				
	(b) For Concealed Work PVC Pipes, 15 mm	10.000	137.00	Mtr	1370.00
62	Page No.-5, Item No.-5(vii)				
	Supplying and fitting fixing of gunmetal wheel valve of approved brand and make tested to 21 Kg per sq. cm. 25 mm	2.000	778.00	Each	1556.00
63	Page No.-37, Item No.-6(b)				
	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity	2.000	5128.00	Each	10256.00
64	Page No.-37, Item No.-10(i)(a)				
	Labour for hoisting plastic water storage tank. (i) Upto 1500 litre capacity. (a) Upto 1st story from G.L.	2.000	96.00	Each	192.00
65	Page No.-38, Item No.-13				
	Labour for punching hole in plastic water storage tank upto 50 mm dia.	4.000	19.00	Each	76.00

66	Page No.-68, Item No.-23(A)(i)(b)				
	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992.(A) (i) Single Socketed 3 Meter Length,	30.000	292.00	Mtr.	8760.00
67	(B) Fittings (i) Coupler, (b) 110 mm	8.000	85.00	Each	680.00
68	(ii) Plain Tee, (b) 110 mm	12.000	85.00	Each	1020.00
69	(iii) Door Tee, (b) 110 mm	10.000	195.00	Each	1950.00
70	ix) Bend 45°, (b) 110 mm	7.000	89.00	Each	623.00
71	xi) Door Bend (T.S.), (b) 110 mm	3.000	147.00	Each	441.00
72	xvi) Pipe Clip, (b) 110 mm	4.000	21.00	Each	84.00
73	xvii) W.C. Connector (150 mm long) 125 X 110(W/WC Ring) 75 mm	4.000	142.00	Each	568.00
74	xxxi) Plain Floor Trap with Top tile & Strainer 75 mm	7.000	144.00	Each	1008.00
75	L) Rubber Ring, (b) 110 mm	15.000	17.00	Each	255.00
76	C)Rubber Lubricant 500 ML	1.000	187.00	500 ML	187.00
77	D)Solvent Cement 250 ML	1.000	103.00	250 ML	103.00
78	Page No.-74, Item No.-24(b)				
	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in total pipeline including specials. (B) Under ground, (ii) 110 mm dia.	20.000	84.00	Mtr	1680.00
79	Page No.-212, Item No.-21(A)(i),(B),©,(i)& (B)(d)(i)				
	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. A) UPVC Pipes: (i) 75 mm Dia	20.000	188.00	Mtr	3760.00
80	B) UPVC Fittings: c) Bend 87.5 degree (i) 75 mm. Dia.	6.000	95.00	Each	570.00
81	B) UPVC Fittings: d) Shoe (i) 75 mm. Dia.	2.000	78.00	Each	156.00

82	S.P.87,Item No-2/(i), 7th Corrigenda Volume ii (Analysis Rate)				
	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)JSW/ JSPL/Shyam/SRMB/BMASL/Electro Steel / SSL	2.000	6849.73	Each	13699.46
83	Page No.-88, Item No.-3(ii)(A) (Analysis Rate)				
	Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the 100mm thick R.C.C (1:1.5:3) top slab with necessary fittings, 20mm thick cement plaster (4 : 1) with neat cement finish to the internal surfaces and 15 mm thick cement plaster (4 : 1) to outside wall upto 200 mm below G.L floor finished with 25 mm thick grey artificial stone over 100 mm thick R.C.C(1:1.5:3) bottom slab including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavation earth in all sorts of soil, shoring, bailing out and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tanks with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 0.5% by weight of cement with all costs of labour and materials. (ii) For 20 users	1.000	45238.78	Each	45238.78

84	Page No.-89, Item No.-4				
<p>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. i)JSW/ JSPL/Shyam/SRMB/BMASL/Electro Steel / SSL</p>		1.000	16186.00 16186.00	Each	16186.00 16186.00

85	Page No.-82, Item No.-22(a)(i) Supplying, fitting and fixing towel rail with two brackets. (a) C.P. over brass (ii) 25 mm dia. and 600 mm long	2.000	430.00	Each	860.00	
86	Page No.-81, Item No.-15(ii) 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	484.00	Each	968.00	
87	Page No.-82, Item No.-18(b) Supplying, fitting and fixing soap holder. (b) Fibre glass	4.000	58.00	Each	232.00	
88	Page No.-81, Item No.-16(a)(i) Supplying, fitting and fixing glass shelf with aluminium guard rails. (a) Ordinary type with 5.5 mm sheet glass (i) 450 mm X 125 mm	2.000	341.00	Each	682.00	
PS. 54022.02					Total -	538355.54
PS. 48619.95					Add S.G.S.T. @9%	48452.00
PS. 48619.95					Add C.G.S.T. @9%	48452.00
PS 6374761.95 6374761.95					Cost Of Civil Work	635259.54
PS 643336.60 6374.62					Add Labour Welfare Cess. @ 1%	6352.60
PS. 19123.86 643336.60					Total Amount Including Labour Welfare Cess.	641612.14
PS. 662960.46 PS 19123.86					Add Contengency @3%	19057.79
PS. 662960.46					Total Amount including L.W.C. and contengency	660669.92
PS 662960.00					Say Rs.	660670.00

Alkhan
3/10/25
Sub-Assistant Engineer
Contai Municipality

Chairman
3/11/25
CHAIRMAN
CONTAI MUNICIPALITY

May be Vetted

P.M. 02.25
Junior Engineer
East Midnapore Division, M.E.Dte
UD & MA Department
Govt. of West Bengal

A.S. 10/10/25
Assistant Engineer
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UD & MA Department
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Vetted
Executive Engineer
11/10/25
Executive Engineer
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