

BAIF DEVELOPMENT RESEARCH FOUNDATION

38A, Dandi, Rewa Road (Opp. Janta Petrol Pump)

NAINI, ALLAHABAD (211008)

BILL OF QUANTITIES

Project : Proposed Construction of Office Building
 Plot : 27A, A.C. Banerjee Road, LIC Colony, Tagore Town, ALLAHABAD
 Owners : **BAIF Development Research Foundation**

SNo.	Description of Items	Unit	Qty.	Rate Quoted (Rs./Unit)		Amt. (Rs)	Remarks if Any
				In figures	In Words		
A A1	Main Building Earthwork Code 2.8 : <u>Earth work</u> in excavation by mechanical means (Hydraulic Excavator)/ manual means in <u>Foundation Trenches</u> or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. Code 2.8.1 : <u>All kinds of soil</u>	M ³	237.275				
A2	Ganga Sand (50mm thick)	M ³	9.886				
A3	Lean Concrete Code 4.1.8 : <u>Cement Concrete 1:4:8</u> (1 Cement : 4 <u>coarse sand</u> : graded stone aggregate 40 mm nominal size)	M ³	19.323				
A4	RCC Work (Design Mix)						

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A4.0	<p>Code 5.33 Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.</p> <p>(Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately).</p>						
A4.1	<p>Code 5.33.1: All works upto Plinth Level</p>	M ³	92.682				
A4.2	<p>Code 5.33.2: All works above Plinth Level upto 5 floors</p>	M ³	405.960				
A5.0	Reinforcement						
A5.1	<p>Code 5.22 : Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. (upto Plinth Level)</p> <p>Code 5.22.6. : T.M.T. Bars</p>	Qtl	100.371				
A5.2	<p>Code 5.22A Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level .</p>						

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	Code 5.22A.6: <i>Thermo-Mechanically Treated bars</i>	Qtl.	555.370				
A6.0	Formwork						
A6.1	Code 5.9 : Centring and Shuttering including strutting, propping etc. and removal of form for : Code 5.9.1 : For Foundations, footings bases of columns etc. for mass concrete.	Sqm	170.931				
A6.2	Code 5.9.5 : For Lintels, beams, plinth beams, girders, bressumers and cantilevers.	Sqm	991.625				
A6.3	Code 5.9.3 : For Suspended floors, roofs, landings, balconies and access platform.	Sqm	1551.507				
A6.4	Code 5.9.6 : For Columns, Pillars , Piers, Abutments, Posts and Struts	Sqm	386.460				
A6.5	Code 5.9.2 : For Walls (any thickness) including attached pilasters, buttersses, plinth and string courses etc.	Sqm	253.952				
A7.0	Brickwork						
A7.1	Code 6.4 : Brickwork with common burnt clay FPS (non- modular) Bricks of class designation 75 in Super-structure above plinth level upto floor V level in all shapes & sizes in : Code 6.4.2 : Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	149.846				

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A7.2	<p>Code 6.13 :_ <i>Half Brick Masonry</i> with common burnt clay FPS (non modular) Bricks of class designation 75 in <u>superstructure</u> above plinth level upto floor V level.</p> <p>Code 6.13.1 : <i>Cement mortar 1: 3</i> _ (1 cement : 4 coarse sand)</p>	Sqm	737.623				
A8.0 A8.1	<p>Plaster Work Wall Plaster:</p> <p>Code 13.1 : <i>12mm cement plaster</i> of mix :</p> <p>Code 13.1.2 : <i>1 : 6</i> (1 cement : 6 fine sand)</p>	Sqm	2965.906				
A8.2	<p>Ceiling Plaster:</p> <p>Code 13.16 : <i>6mm cement Plaster</i> to <i>Ceiling</i> of mix :</p> <p>Code 13.16.1 : <i>1 : 3</i> (1 cement : 3 fine sand)</p>	Sqm	2465.549				
A9.0 A9.1	<p>Flooring Base Concrete:</p> <p>Code 4.1.8 : <i>Cement Concrete 1:4:8</i> (1 Cement : 4 <u>coarse sand</u> : graded stone aggregate 40 mm nominal size)</p>	M ³	35.829				
A9.2	<p>Flooring Top:</p> <p>Code 11.20 : <i>Chequered precast Cement Concrete tiles 22mm thick</i> in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and cleaning etc. complete on <u>20mm thick bed</u> of cement mortar 1: 4 (1 cement : 4 coarse sand)</p> <p>Code 11.20.1 : <i>Light shade</i> using white cement.</p>	Sqm	447.866				

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A9.3	<p>Vitrified Flooring Tiles</p> <p>Code 11.41 : Providing and laying polished Vitrified Floor Tiles in different sizes (thickness to be specified by the manufacturer) with <i>water absorption less than 0.08%</i> and conforming to IS: 15622 of approved make in all colours and shades, laid on 20 mm thick <u>Cement Mortar 1 : 4</u> (C : CS) including grouting the joints with white cement and matching pigments etc. complete</p> <p>Code 11.41.2 : Size of Tile <u>60 x 60 cm</u></p>	Sqm	1421.903				
A9.4	<p>Kota Stone Work:</p> <p>Code 11.27 : Kota Stone Slabs 25mm thick in <i>risers of steps , skirting, dado and pillars</i> laid on 12mm (average) thick <u>cement mortar 1 : 3</u> (1 cement 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.</p>	Sqm	56.631				
A9.5	Ceramic Glazed Tiles						

SNo.	Description of Items	Unit	Qty.	Rate Quoted (Rs./Unit)		Amt. (Rs)	Remarks if Any
				In figures	In Words		
A9.5.1	Code 8.31 : Providing and fixing 1st quality Ceramic Glazed Wall Tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades, except <i>burgundy, bottle green, black</i> of any size as approved by Engineer-in-Charge <i>in skirting, risers of steps and dados</i> over 12mm thick bed of Cement Mortar 1 : 3 (1Cement : 3 Coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including <i>pointing in white cement mixed with pigment</i> of matching shade complete.	Sqm	190.245				
A9.5.2	Code 11.37 : Providing and laying Ceramic Glazed Floor Tiles 300 x 300 mm. (thickness to be specified by the manufacturer) of 1st. Quality conforming to , IS: 15622 of approved make in all colours, shades <i>except white Ivory, Grey, Fume Red Brown</i> laid on 20 mm thick bed of cement mortar 1 : 4 (C : CS) including pointing the joints with white cement and matching pigments etc. complete	Sqm	40.754				
A10.0 A10.1	Doors & Windows D'Frame (Salwood) Code 9.1 : Providing Woodwork in <i>Frames of Doors, Windows, Clerestory Windows</i> and other frames, wrought framed and fixed in position :with hold fast lugs or withdash fasteners of required dia. & length (<i>hold fast lugs or dash fasteners shall be paid separately</i>)						

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	Code 9.1.2 : <i>Sal Wood</i>	Cum	2.103				
A10.1.2	Door Frame (Granite): For Toilets, a Non-Schedule Item	Sqm.	15.750				
A10.2	Door Shutters						
A10.2.1	Code 9.20 : Providing and fixing ISI marked <i>flush door shutters</i> conforming to IS : 2202 (Part I) , <i>decorative</i> type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face <i>veneers on both faces</i> of shutters : Code 9.20.1 : <i>35 mm thick</i> incl. ISI marked stainless steel butt hinges with necessary screws	Sqm	83.914				
A10.2.2	Code 9.118 Providing and fixing to existing door frames, Code 9.118.2 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by	Sqm	15.750				

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	inserting galvanised M.S. tube of size 25x20 mm and 1mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, auPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wallthickness fixed to the shutter styles by means of plastic/ galvanisedM.S. 'U' cleats. The shutter frame filled with a uPVC multi-chamberedsingle panel of size not less than 620 mm, having over all thickness of20 mm and 1 mm (± 0.1 mm) wall thickness . The panels filledvertically and tie bar at two places by inserting horizontally 6 mmgalvanised M.S. rod and fastened with nuts and washers, complete asper manufacturer's specification and direction of Engineer-in-charge. sqm						
A10.3	Door Ventilators:						
	Code 9.9 : Providing and fixing <i>Glazed Shutters</i> for <i>doors, windows and clerestory windows</i> , using 4mm thick <i>float glass panes</i> incl. Black enamelled ISI mkd. M.S. butt hinges with necessary screws : Code 9.9.1 : <i>2nd. Class Teakwood</i> Code 9.1.1.2 : <i>30 mm thick</i>	Sqm	19.365				
A10.4	Painting & Varnishing Code 13.67 : <i>Varnishing</i> with varnish of approved brand and manufacture Code 13.67.1 : <i>Two or more coats of glue sizing with copal varnish</i> over an <i>under coat of flatting varnish</i> .	Sqm	215.595				
A10.5	Windows & Ventilators (Aluminium): @ 5.733 Kg/sqm						

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				In figures	In Words			
A10.5.1	<p>Code 21.1 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Zsections and other sections of approved make conforming to IS: 733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass /stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :</p> <p>Code 21.1.2 For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately</p> <p>Code 21.1.2.2 Powder coated aluminium (minimum thickness of powder coating 50 micron) @ 5.733 Kg/Sqm</p>	Kg	682.972					
A10.5.2	Float Glass Glazing							

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	<p>Code 9.7 : Providing and fixing panelling or panelling & glazing in panelled or panelled & glazed shutters for doors, windows and clerestory windows (area for opening of panel inserts <i>excluding portion inside the grooves or rebates</i> to be measured. Panelling for panelled or panelled & glazed shutters 25 mm to 40 mm thick</p> <p>Code 9.7.7 <i>Float glass panes</i> Code 9.7.7.1 <i>4 mm thick glass pane</i></p>	Sqm	119.130				
A10.5.3	<p>MS Grills for Sliding Windows (@ 25 Kg/ Sqm.)</p> <p>Code 10.25 : Steelwork welded in Builtup Sections/ Framed Work incl. <i>cutting, hoisting, fixing in position</i> and applying a <i>priming coat</i> of appd. steel primer using structural steel etc. as required :</p> <p>Code10.25.2 : In Gratings, Frames, Guard Bars, Ladders, Railings, brackets, gates and similar works</p>	Kg	2978.250				
A10.5.4	<p>Painting of Grills</p> <p>Code13.48 Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :Code 13.48.3 Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture</p>	Sqm	90.810				
A11.0	Colour Wash						
A11.1	Exteriors (Considered 25% of total Plaster Area						

SNo.	Description of Items	Unit	Qty.	Rate Quoted (Rs./Unit)		Amt. (Rs)	Remarks if Any
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	<p>Code 13.45 Finishing walls with <i>textured exterior paint</i> of required shade :</p> <p>Code 13.45.1 <i>New work</i> (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm</p>	Sqm	741.477				
A11.2	Interiors (Considered 75% of total Plaster Area						
A11.2.1	<p>Code 13.82 <i>Wall painting with acrylic emulsion paint</i>, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.</p> <p>Code 13.82.2 Two coats</p>	Sqm	4689.979				
A11.2.2	<p>Code 13.80 Providing and applying <i>white cement based putty</i> of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. (Interiors only)</p>	Sqm	3883.235				
A12.0	<p>Stairs & Balcony Railings</p> <p>Code 10.25 Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.</p> <p>Code 10.25.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works</p>	Kg	4459.700				

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A13	Parapet Wall : 1m high with 9" Bw in 1: 6 CS Mortar (DSR18 Code 6.4 ,6.4.2), 12 mm thick 1: 6 plaster (Code DSR18 13.1) and with Oil bound Washable Distemper (Code 13.41)	Rm	94.186				
A14 A14.1	<p>Waterproofing Treatment :</p> <p>Waterproofing Treatment of Roof Terrace incl upto 300 mm height of Parapet with Technical Specifcaions and application methodology as follows:</p> <ol style="list-style-type: none"> 1. Chip the roof surface wherever required to take out loose mortar, laitance etc to expose the mother RCC roof surface 2. Cut groove at a height of 300mm from roof slab all along the parapet walls if there is no spring of the parapet wall 3. Clean the roof surface by means of wire brush to make it free from all loose particles, dust etc. prior to application of Waterproofing Material slurry coat 4. Apply one coat of Waterproofing Material Acrylic Polymer Modified Cementitious Slurry Coating over the RCC mother roof slab surface after saturating the surface with water and continue the coating upto the groove at a height of of 200mm from the roof slab or upto the bottom of the spring of the parapet wall 5. Lay Fibreglass cloth over the Waterproofing Material applied surface when the coating is still green 	Sqm	405.39				

SNo.	Description of Items	Unit	Qty.	Rate Quoted (Rs./Unit)		Amt. (Rs)	Remarks if Any
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	<p>6. Apply second coat of Waterproofing Material Acrylic Polymer Modified Cementitious Slurry Coating over the laid Fibreglass Cloth</p> <p>7. Apply one coat of Waterproofing Material Acrylic Polymer Modified Cementitious Brush Topping over the Fibreglass cloth laid surface</p> <p>8. Provide and lay screed concrete (Cement: Sand: Stone Chips :: 1: 2: 4). The screed concrete should be laid at a minimum slope of 1 in 100 as well as maintaining a thickness of 25 mm near the rain water outlet pipe on the entire horizontal Waterproofing Material applied roof surface. Also plaster in the ratio 1: 4 on the entire vertical Waterproofing material applied surface. To prevent substantial cracking of screed concrete and plaster, chicken wire mesh may be used as an added precaution</p>						
A14.2	<p>Code 22.3 : Providing and laying Waterproofing Treatment to vertical and horizontal surfaces of <i>depressed portions</i> of <u>WC, Kitchen</u> and the likes consisting of :</p> <p>Code 22.3 (i) : <u>First course</u> of applying <u>cement slurry</u> @4.4 Kg./ Sqm. Mixed with <u>WPC</u> conforming to IS : 2645 in the recommended proportions including rounding off junction of vertical and horizontal surface</p>						

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	<p>Code 22.3 (ii) : <u>Second Course</u> of 20 mm. <u>Cement Plaster 1 : 3 (C : CS)</u> mixed with WPC in the recommended proportions including rounding off junction of vertical and horizontal surface</p> <p>Code 22.3 (iii) : <u>Third Course</u> of applying <u>blown</u> or <u>residual bitumen</u> applied hot @ 1.7 Kg./ Sqm. Of area</p> <p>Code 22.3 (iv) : <u>Fourth Course</u> of 400 micron thick <u>PVC Sheet</u> (overlaps at the joints of PVC Sheets should be 100 mm wide and pasted to each other with bitumen @ 1.7 Kg./ Sqm.</p>	Sqm	35.595				
A15	<p>Anti-termite Treatment (UPPWD SOR 2013-14 Cost indexed in the ratio 300.61/226.03</p> <p>S.I. 8.01 : <u>Pre-constr. ATT</u>, Col. Pits, Wall trenches, Basement Excavations, Plinth Filling (top), junction wall, floor (external perimeter), pipe surroundings, conduits etc.</p> <p>R</p> <p>Aldrin, Heptachlor, Chlordance Rate of Application : (/ Sqm. PA)</p>	Sqm	396.820				
	Masonry & Foundations	Litre	5.000				
	Backfill (Foundn. contact)	Litre	7.500				
	Plinth Filling (Top)	Litre	5.000				
	Junction (Wall- Floor)	Litre	7.500				
	Soil (External Perimeter)	Litre	7.500				
	Soil (under Perimeter Aprons)	Litre	5.000				
A16	<p>Provision of Overhead Water Storage Tank. To be located over the Mumty and Lift Room: RCC M20 with 5" thick Top & bottom slabs and 5" thick walls and Reinforcements as per design (Water Content capacity to be measured in litres for payment purposes)</p>	li	10000.00				

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	Total Civil Works (Main Building) Total for 'A' Building Work						
B. B1	Water Supply Works Code 18.48 : Providing and placing on terrace (at all floor levels) Polythylene Water storage Tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but <i>without fittings</i> and the <i>base support</i> for tank Code 18.48A: <i>Circular Tank</i>	Li.	3000.000				
B2	Code 18.18 : Providing and fixing Ball Valve (Brass) of appd. quality , High or Low Pressure with plastic floats complete Code 18.18.2 : <i>20 mm dia NB</i>	Nos.	3.000				
B3	Code 18.17 : Providing and fixing Gun Metal Gate Valve with CI wheel of appd. quality (screwed end) : Code 18.17.1 : <i>25 mm dia. NB</i>	Nos.	12.000				
B4	Code 18.8 : Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes , having thermal stability for hot & cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with <i>one step CPVC solvent cement and cost of cutting chases and making good the same including</i> testing of joints complete as per directions of of Engineer- in- charge Concealed Work : including cutting chases and making good the wall etc.						

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B4.1	Code 18.8.2 : <u>20 mm nominal OD</u> Pipe	Mtr.	75.000				
B4.2	Code 18.8.3 : <u>25 mm nominal OD</u> Pipe	Mtr.	45.000				
B4.3	Code 18.9.6 <u>50 mm nominal OD</u> Pipes	Mtr.	30.000				
B5	<p>Code 18.8 : Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes , having thermal stability for hot & cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with <i>one step CPVC solvent cement and cost of cutting chases and making good the same including</i> testing of joints complete as per directions of of Engineer- in- charge</p> <p>Concealed Work : including cutting chases and making good the wall etc.</p> <p>Code 18.8.1 : <u>15 mm nominal OD</u> Pipe</p>	Mtr.	35.000				
B6	<p>Code 18.53 : Providing and fixing <i>C.P. brass angle valve</i> for basin mixer and gysar points of approved quality conforming to IS : 8931 :</p> <p>Code 18.53.1 : <u>15 mm nominal bore</u></p>	Nos.	16.000				
B7	<p>Code 18.49 : Providing and fixing <i>C.P. brass bib cock</i> of approved quality conforming to IS : 8931</p> <p>Code 18.49.1 : <u>15 mm nominal bore</u></p>	Nos.	18.000				

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B8	Code 18.52 : Providing and fixing <i>CP brass stop cock</i> (concealed) of standard design and approved make conforming to IS: 8931 : Code 18.52.1 : <u>15 mm nominal bore</u>	Nos.	12.000				
B9	Code 18.22 : Providing and fixing <i>CP brass shower Rose</i> with 15 or 20 mm inlet: Code 18.22.1 : <u>100 mm dia.</u>	Nos.	4.000				
B10	Code 17.22B Providing and fixing <i>CP Brass Single lever telephonic wall mixer</i> of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia	Nos.	4.000				
B11	Provision & installation of <i>Geysers</i> (15 li. Capacity)	Nos.	4.000				
	Total (W'Supply Works)						
C.	Sanitary Works						
C1	Code 19.1 : Providing, laying and jointing <i>glazed stoneware pipes</i> grade 'A' with stiff mixture of <i>cement mortar</i> in the proportion of 1: 1 (1 cement : 1 fine sand) including testing of joints etc. complete. Code 19.1.2 : <u>150 mm</u> diameter	Mtr.	80.000				
C2 C2.1	Code 17.35 : Providing and fixing <i>Soil, Waste, and Vent Pipes</i> : Code 17.35.1 : <u>100 mm dia.</u> , Code 17.35.1.2 : <u>Centrifugally Cast (spun) Iron socketed pipe as per IS : 3989</u>	Mtr.	45.000				
C2.2	Code 17.35.2 : <u>75 mm dia.</u> ,						

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	Code 17.35.2.2 : <u>Centrifugally Cast (spun) Iron Socketed pipe as per IS : 3989</u>	Mtr.	61.320				
C3	Code 17.78: Providing and fixing <i>white vitreous China extended Wall Mounted WC</i> of size 780x 370x 690 mm of appd. Shape incl. providing and fixing concealed Cistern with <i>dual flush fitting</i> , of flushing capacity 3 litres/ 6 litres (adjustable to 4 li./ 8 li.), incl. Seat Cover, and cistern fittings, nuts, bolts, and gasket etc. complete	Nos.	12.000				
C4	Code 17.7 : Providing and fixing Wash Basin with C.I. , 15mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required : Code 17.7.2 : <i>White Vitreous China Wash Basin</i> size 630 x 450 mm with <u>single 15mm C.P.brass pillar taps</u>	Each	10.000				
C5	Code 17.10 : Providing and fixing <u>Stainless Steel A</u> ISI 304 (18/18) Kitchen Sink as per I.S. 13983 with C.I. Brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required. Code 17.10.1 : Kitchen Sink <u>with drain board</u> : Code 17.10.1.1 : <u>510 x 1040 mm bowl</u> depth 250 mm	Each	1.000				

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				In figures	In Words		
C6	17.8 Providing and fixing <i>white vitreous china pedestal for wash basin</i> completely recessed at the back for the reception of pipes and fittings.	each	10.000				
C7	Code 17.28 : Providing and fixing <i>PVC Waste Pipe</i> for sink or wash basin incl. PVC waste fittings complete : Code 17.28.2 : <u>flexible pipe</u> Code 17.28.2.1 : <u>32 mm dia</u>	each	11.000				
C8	Code 17.31 : Providing and fixing <i>Bevelled Edge Mirror, 600 x 450 mm</i> , of superior glass (of appd. quality) complete with <i>6 mm thick hard board</i> ground fixed to wooden cleats with CP brass screws and washers complete.	each	10.000				
C9	Code 17.33 : Providing and fixing <i>600 x 120 x 5 mm Glass Shelf</i> with edges rounded off, supported on <i>anodized aluminium angle frame</i> with CP brass brackets and <i>guard rail</i> , complete fixed with 40 mm long screws, rawl plugs etc. complete	each	10.000				
C10	Code 17.34 : Providing and fixing <i>Toilet Paper Holder :</i> Code 17.34.2 : <u>Vitreous China</u>	each	18.000				
C11	Code 17.69 : Providing and fixing PTMT <i>Waste Coupling</i> for <i>Wash Basin</i> and <i>Sink</i> of appd. quality qnd colour :						

SNo.	Description of Items	Unit	Qty.	Rate Quoted (Rs./Unit)		Amt. (Rs)	Remarks if Any
				In figures	In Words		
	Code 17.69.2 : Waste Coupling 38 mm of 83 mm long x 77 mm breadth , weighing not less than 60 gms	Each	11.000				
C12	Code 17.71 : Providing and fixing PTMT Liquid Soap Container <u>109 mm wide, 125 mm high and 112 mm distance from wall</u> of standard shape with bracket of the same material with snap fittings of approved quality and colour , weighing not less than 105 gms.	Each	10.000				
C13	Code 17.73 : Providing and fixing PTMT Towel Rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour Code 17.73.2: 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms	Each	10.000				
C14	Code 17.72: Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	Each	6.000				
C15	Code 19.2 : Providing and laying cement concrete 1: 5: 10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) <u>all-round</u> S.W. pipes including bed concrete as per standard design :						

SNo.	Description of Items	Unit	Qty.	Rate Quoted (Rs./Unit)		Amt. (Rs)	Remarks if Any
				In figures	In Words		
	Code 19.2.2 : 150 mm diameter S.W. pipe	mt	166.000				
C16	Code 17.5 : Providing and fixing <i>white vitreous china Flat Back Half Stall Urinal</i> of 580 x 380 x 350 mm with <i>white PVC automatic flushing cistern</i> , with fittings, standard size C.P. <i>brass flush pipe, spreaders with unions and clamps</i> (all in C.P. brass) with waste fittings as per IS : 2556, C.I. trap with outlet grating other coupling in C.P. brass including painting of fittings and cutting and making good the walls and floors wherever required. Code 17.5.2 : Range of two Half Stall Urinals with 5 litre P.V.C. automatic flushing cistern.	Nos	3.000				
C17	Code 17.17 Providing and fixing a <i>pair of white vitreous china foot rests</i> of standard pattern for squatting pan water closet : Code 17.17.1 250x130x30 mm pair 166.30	Pairs	6.000				
Total (Sanitary Works)							
D	*Demolition of existing building and safe & proper removal of rubbish material		Existing building				* None of the cost shall be paid for this work but in reverse some amount shall be paid by Ternerer to BAIF (part of Scrap value)
ABSTRACT							
A	Main Building Civil Works					Rs.	
B.	Water Supply Works					Rs.	
C	Sanitary Works					Rs.	_____
	Sub Total Quoted Amount					Rs.	_____
D	Deduct the amount to be paid to BAIF (part of Scrap value)					Rs. (-)	_____

SNo.	Description of Items	Unit	Qty.	Rate Quoted (Rs./Unit)		Amt. (Rs)	Remarks if Any
				In figures	In Words		
Net Quoted Amount						Rs.	
(Rupees.....)							