

**ESTIMATION**

Estimation Of Prop Commercial Building Belonging To  
The Urban Co-Opp Bank Ltd. Jkd  
For Water Supply and sanitary  
In CTS No: 4913, 4914 & 4915  
At: Jamakhandi. Tq: Jamakhandi. Dist: Bagalkot.

**( Measurements With Abstract ) CSR 2018-2019 GROUND, FIRST & SECOND FLOOR**

SL. No	DESCRIPTION	UNIT	NOS	L	B	D	QTY	RATE	TOTAL
1	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1 00 mtr spacing. This includes JOinting of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) I NO:13.84.5 & 13.84.6 P NO: 98								
	32mm nominal OD Pipe	RM	1.00	110.00			110.00	316.00	34760.00
	50mm nominal OD Pipe	RM	1.00	140.00			140.00	527.00	73780.00
2	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1 00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of JOints complete. (Concealed work including cutting chases and making good walls) I NO: 13.86.2, 13.83.3 & 13.86.4 P NO: 99								
	20mm nominal OD Pipe	RM	1.00	160.00			160.00	235.00	37600.00
	25mm nominal OD Pipe	RM	1.00	130.00			130.00	293.00	38090.00
	32mm nominal OD Pipe	RM	1.00	290.00			290.00	374.00	108460.00
3	KSRB13-6.2 • Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2/13.3 I NO: 13.26 P NO:93								
		EACH	40.00				40.00	141	5640.00
4	KSRB13-6.1 Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2/13.3 I NO: 13.23 P NO: 93								
	GROUND FLOOR	EACH	12.00				12.00	190	2280.00
	FIRST FLOOR	EACH	8.00				8.00	190	1520.00
	SECOND FLOOR	EACH	4.00				4.00	190	760.00
5	KSRB13-6.7 : Providing and fixing in position chromium plated brass shower rose with 15 or 20mm inlet including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.16/13.3 I NO: 13.50 P NO:94								
	SECOND FLOOR	EACH	2.00				4.00	707	2828.00
6	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C. P brass hinges, rubber buffers. 10 litre low level, PVC flushing cistern ( all are approved make ) with fittings, C. I I M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 I NO: 12.5, P NO:79								
	GROUND FLOOR	EACH	5.00				5.00	4956	24780.00
	FIRST FLOOR	EACH	4.00				4.00	4956	19824.00
	SECOND FLOOR	EACH	2.00				2.00	4956	9912.00
7	KSRB 11-11.3 : Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a pair of 15mm C.P brass pillar taps with C.I I M .S brackets, 32 mm C. P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 NO: 12.25, P NO: 83								
	GROUND FLOOR	EACH	6.00				6.00	3021	18126.00
	FIRST FLOOR	EACH	5.00				5.00	3021	15105.00
	SECOND FLOOR	EACH	2.00				2.00	3021	6042.00
8	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). I NO: 12.112 P NO: 90								
	GROUND FLOOR	EACH	15.00				15.00	285	4275.00
	FIRST FLOOR	EACH	13.00				13.00	285	3705.00
	SECOND FLOOR	EACH	7.00				7.00	285	1995.00

9	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22 I NO 13.78 P NO: 96							
			8			8	6828	54624
10	KSRB13-2.1 Extra for concealed pipe including painting with anticorrosive bitumastic paint cutting chases, making good the concrete surface, and plaster for nominal bore including cost of all materials, labour charges, HOM complete as per specifications. Specification No. KBS I NO: 13.7.2 P NO: 96							
	63MM DIA	M	1.00	260		260	297	77220
11	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM and testing complete as per specifications. I NO: 12.116, P NO: 90							
	110MM DIA	M	1.00	180.00		180	434	78120
	160MM DIA	M	1.00	280		280	853	238840
	200MM DIA	M	1.00	50		50	1354	67700
12	KSRB13-6.3 • Providing and fixing in position brass gate valve with C.I wheel of approved quality ( screwed end ) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.6/13.3 I NO: 13.35,13.37 & 13.38 P NO: 94							
	32MM DIA	EACH	10.00			10	830	8300
	50MM DIA	EACH	8.00			8	1739	13912
	65MM DIA	EACH	6.00			6	2103	12618
13	Providing and Fixing bottle tap connection for wash basin etc complete ( MR) EACH 18 18 2250 40500							
14	Providing and Fixing flush valve for toilet and wc including labour material etc complete ( MR) EACH 12 12 4250 51000							
15	Providing and Fixing Hand gun for commode ( MR) 11 1050 11550							
16	KSRB13-7.1 :Providing and fixing in position nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.10 I 13.13 I NO: 13.52,13.53,13.55 & 13.56 P NO: 95							
	25MM nominal bore	EACH	15			15	587	8805
	32MM nominal bore	EACH	12			12	740	8880
	50MM nominal bore	EACH	10			10	1330	13300
	65MM nominal bore	EACH	8			8	1728	13824
17	Providing and Fixing Stainless Steelsink of sizes upto 40cms x 47cms in 20mm thick granite slab of by cutting required thickness and width of grooves and fixing using adhesives etc., complete including cost and conveyance of all materials, labour for all items of work, HOM with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work. I NO 13.91, P NO: 100							
		EACH	5			5	5437	27185
18	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, PVC flushing cistern (all are approved make) with fittings, C.I I.M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 I NO: 12.2, P NO: 79							
	GROUND FLOOR	EACH	1.00			1.00	4224	4224.00
	FIRST FLOOR	EACH	1.00			1.00	4224	4224.00
19	KSRB 11-8.3 : Providing and fixing white vitreous china clay, wall corner type, lipped front urinal basin of size 340x410x265mm in the range of three with 7.5litre PVC automatic flushing cistern, C.I I.M.S brackets, standard flush pipe and C. P brass spreaders with brass unions and G. I. clamps painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 I NO: 12.13, P NO: 81							
		EACH	5			5	4495	22475
20	Providing and Fixing jaguar single way diverter including material and labour etc complete ( MR)							
		EACH	6			6	5200	31200

21	<p>KSRB 12-8.2 • Constructing brick masonry inspection chamber 500x700mm, and 450mm depth, (clear inside dimension) for pipeline with one or two inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1•5, C I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg ( weight of cover 23kg and weight of frame 15 kg ) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal , foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1•3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS I NO: 11.52, P NO:76</p>								
	INSPECTION CHAMBER	EACH	6				6	8003	48018
22	<p>KSRB 12-8.3 • Constructing brick masonry inspection chamber 600x850mm, and 450mm depth, (clear inside dimension) for pipeline with three or more inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1•5, C. I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg ( weight of cover 23kg and weight of frame 15 kg ) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal , foundation concrete M 5 with 40mm and downsize granite I NO: 11.54, P NO: 76</p>								
	INSPECTION CHAMBER	EACH	4				4	9194	36776
23	<p>KSRB 12-5 • Constructing brick masonry circular type manhole 1.22 m internal dia at bottom and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1 A, inside cement plaster 12mm thick with cement mortar 1•3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS •12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid separately) Specification No. KBS 124. I NO: 11.39, P NO: 74.</p>								
	INSPECTION CHAMBER DEPTH 1.68M	EACH	2				2	29471	58942
24	<p>KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. I NO: 2.3, KSRB 2.2.1 P NO: 06</p>								
	IN ORDINARY SOIL FOR UGD LINE	CUM	1	110	0.9	1.9	188.1	299	56241.9
25	<p>Providing and applying water proofing in two coats of 300 microns thickness on all surfaces like concrete, Metal, Plastic, Asbestos, Wood, Cloth canopy using Heat refractive compound made out of Vinyl Acetate copolymer latex, Water, Titanium Dioxide, Barium metaborate, Ceramic Microsphere powder, Mica, Propylene Glycol in suitable proportions and the surface to be treated should be cleared of loose particles/dust/fungus etc and kept dry before the application of heat refractive compound, including cost of all materials, labour charges, HOM etc., complete.. I NO: 10.11, P NO: 70</p>								
	SUNKEN SLAB FOR TOILET	SQM	7	3.39	2.13		50.5449		
	TERRACE	SQM	1	18.4	13.95		256.68		
		SQM	1	11.65	9.28		108.112		
		SQM	1	12.34	5.38		66.3892		
		SQM	1	8.51	2.26		19.2326		
	TOTAL						500.9587	803	402269.8361
<b>1800231.00</b>									
<p>[ IN WORDS RUPEES: EIGHTEEN LAKHS TWO HUNDRED THIRTY ONE RUPEES ONLY ]</p>									
PLACE : JAMAKHANDI				SIGNATURE					
DATE:									