

RUBEK BALLOONS

TENDER SCHEDULE

PROPOSED SECURITY CABIN AND VISITORS ROOM

SL NO	Particular	Quantity	Unit	Rate	Amount
1	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead	6	sqm		
2	Demolishing brick work in cement mortar manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per	3.6	cum		
3	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m.	11	cum		
4	PCC: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	1.5	cum		
5	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	8.5	cum		
4	DPC: Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20mm nominal size derived from natural sources).	7	sqm		
	Plinth filling: Filling with contractor's own earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge	25	cum		
5	Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size conforming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 20cm in : CM 1:5 (1 cement : 5 coarse sand) etc complete	7.5	cum		
6	Reinforced cement concrete work in, lintels , above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	0.3	cum		

7	Floor concrete: Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	2	cum		
8	Plastering: 12 mm cement plaster of mix: 1:4 (1 cement: 4 coarse sand)	95	sqm		
9	Steel work in built up tubular (round,square or rectangular hollow tubes etc.)trusses etc., including cutting, hoisting,fixing in position and applying a primingcoat of approved steel primer, including welding and bolted with special shaped washers etc. for wall plate(4"x1 1/4")	40	kg		
	Rafters and Ridge (2"x1",1.4mm thick)	116	Kg		
	battens(1"x 1",1.4mm thick)	185	kg		
10	Providing corrugated G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. .63 mm thick with zinc coating not less than 275 gm/ m2	39	sqm		
11	Providing ridges or hips of width 60cm overall width plain G.S sheet fixed with polymer coated J or L hooks,bolts and nuts 8mm dia G.I limpet and bitumen washers complete 0.63mm thick with zinc coating not less than 275gm/m2.	19	m		
12	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete.	26	m		
13	Tiling: Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	18	sqm		
14	Toilet tiling: Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and Joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge. In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile	2	sqm		

15	White cement washing with lime to give an even shade New work (three or more coats)	128	sqm		
16	Wall painting with weather coat plastic emulsion paint of approved brand and manufacture to give an even shade:	128	sqm		
17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	20	kg		
18	PVC frames: Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer in- charge Extruded section profile size 48x40 mm	5	m		
19	PVC shutter: Providing and fixing to existing door frames. 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. 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 inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over a l thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	1.7	sqm		
20	Providing and fixing powder coated aluminium fully glazed windows with window frame, and shutters using powder coated aluminium sections (Hindalco or equivalent, best quality) including hollow H section (No. 8879) for all round frames, mullions (9474), Z section (8881) for shutters frames, clip around (section no.4125), cleats (2081), rubber beadings, 4 mm thick plain glass, I-max hinges, window handles, steel screws etc. including cost and conveyance of all materials labour charges and all other incidental charges etc. complete	6	sqm		

21	Providing and fixing aluminium sliding door window(18 gauge)JINDAL	2.7	sqm		
22	Ceramic Dual-Flush Water Closet	1	No.		
23	Isla Brass Long Body Tap	1	No.		
24	Chrome Health Faucets	1	No.		
25	gully trap	1	No.		
				TOTAL	

PROPOSED ROAD WORK(BOTH BITUMINIOUS AND PAVING TILES)

SL NO	Particular	Quantity	Unit	Rate	Amount
1	spun pipe-200 mm	LS	m		
2	Gratings shall be hot dipped galvanized in accordance with IS 2629. 4. Frame & Load bars Welding: All the four corners shall be fully welded and load bearing bar shall be welded to frame bars by welding at both the ends as per BS-4592 5. Tolerance of width & length – (Minus) 5mm, for thickness + 0.5mm 6.	520.00	kg		
3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm	2.70	cum		
4	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.	1645.00	sqm		
5	Providing, laying ,spreading and compacting graded stone aggregate size ranges(36mm,20mm,12mm,6mm, 0.5mm) with equal proportion to wet mix macadam(WMM) specification including premixing the materials with water at OMC in for all leads& lifts, laying in uniform two layers of consolidated thickness of 150mm with mechanical paver finisher in base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specification and direction engineer - in charge	105.00	cum		
6	75.5.1.1pb Prime Coat - Low porosity - With Packed Bitumen Rates, Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per specification and direction engineer - in charge	1100.00	sqm		
7	75.5.2.3pb Tack Coat - With Packed Bitumen Rates - Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per specification and direction engineer - in charge	1100.00	sqm		

8	Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509 Bitumen S-65	1100.00	sqm		
9	surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 B. By Mechanical Means Case - III : Type C	1100.00	sqm		
10	Laying of Interlocking Concrete Block Pavements having thickness 100 mm including 75mm thick bed of 6mm aggregate. minimum strength(M30)	1070.00	sqm		
					TOTAL

GENTS TOILET - FIRST FLOOR (ROOFING WORK, DOORS, FABRICATED WINDOWS AND VENTILATION WORKS)					
SL NO	Particular	Quantity	Unit	Rate	Amount
1	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and two coats of anti corrosive paint of approved quality all complete.	1800	kg		
2	Providing corrugated G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. .63 mm thick with zinc coating not less than 275 gm/ m2	200	sqm		
3	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.	140	kg		
4	<u>Doors frame</u> Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). using Kiln seasoned Anjili wood/Pingoda	0.05	cum		

5	<u>Door shutter</u> Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). using Kiln seasoned Anjili wood/Pingoda	2	sqm		
6	Providing and fixing powder coated aluminium fully glazed windows with window frame of size 150 X 150, and shutters using powder coated aluminium sections (Hindalco or equivalent, best quality) including hollow H section (No. 8879) for all round frames, mullions (9474), Z section (8881) for shutters frames, clip around (section no.4125), cleats (2081), rubber beadings, 4 mm thick plain glass, I-max hinges, window handles, steel screws etc. including cost and conveyance of all materials labour charges and all other incidental charges etc. complete	11	sqm		
7	Providing and fixing powder coated aluminium fully glazed ventilators with ventilator frame of size 60x45 and shutters using powder coated aluminium sections (Hindalco or equivalent, best quality) including hollow H section (No. 8879) for all round frames, mullions (9474), Z section (8881) for shutters frames, clip around (section no.4125), cleats (2081), rubber beadings, 4 mm thick plain glass, I-max hinges, window handles, steel screws etc. and in the fixed portion aluminium grill and toughned safety glass 4 mm thick including all necessary fabricating, fixing and hire charges etc. including cost and conveyance of all materials labour charges and all other incidental charges etc. complete	0.54	sqm		
					TOTAL

PROPOSED SEPTIC TANK, SOAK PIT & CABLE TRENCH MANHOLES					
SL NO	Particular	Quantity	Unit	Rate	Amount
1	Cable Trench manholes - Demolishing brick work in cement mortar manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge.	6	cum		
2	Earth work in excavation Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil	120	cum		
3	PCC Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 20 mm nominal size)	6	cum		
4	Centering and shuttering including strutting, propping etc. and removal of form for :, side wall and cover slab of septic tank and soak pit	240	sqm		
5	Providing and laying in position specified grade of reinforced cement concrete , excluding the cost of centering, shuttering, finishing and reinforcement - All work up to ground level : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	40	cum		

6	Re-inforcement :Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level using Thermo-Mechanicaly Treated bar	5560	kg		
7	Providing60 X 60 cm ductile iron manhole cover for septic tank carrying 25T load	1	no.		
8	Providing60 X 60 cm ductile iron cover with opening at centre for cable trench carrying 25T load	12	no.		
9	Dry rubble masonry for foundation in soak pit including cost and conveyance of materials	2.7	cum		
10	Providing and laying 20 mm broken stones as filtering material outside the soak pit	6	cum		
11	Providing and fixing 100 mm dia PVC pipe embedded in reinforced cement concrete , including cost of cutting and making good the walls etc. :	30	Rm		
				TOTAL	

PROPOSED COVER SLAB FOR EFFLUENT TANK					
SL NO	Particular	Quantity	Unit	Rate	Amount
1	Cover slab - Providing and laying in position specified grade of reinforced cement concrete , including the cost of centering, shuttering, finishing and reinforcement - 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) providing two hooks for each slab	5.75	cum		
2	Re-inforcement :Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level using Thermo-Mechanicaly Treated bar	500	kg		
				TOTAL	

Total amount in figures	
Total amount in words	

Name of contractor:	Signature of contractor	
Address:		
Mobile No:	Date:	