

**SCHEDULE OF QUANTITIES FOR THE CONSTRUCTION OF DRIVE-IN MILK PARLOUR AND TOILET BLOCK AT MILK FACILITATION CENTRE, AROOR**

Sl. No.	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
<b>Earth work</b>					
1	Clearing of light jungle including uprooting of thick vegetatin and small trees of girth upto 30cm and removal of rubbish upto a distance of 150m outside periphery of the area cleared.	100	Sqm		
2	Earth work in excavatin upto 1.5m depth in all kinds of soils, including shoring and strutting, bailing/pumbing of water, backfilling of sides of foundations etc. as per technical specifications.	12	cum		
3	Earth filling in plinth with selected earth for lead exceeding 100m but not exceeding 300 m as per tech. Specifications.	10	cum		
4	Earth filling in plinth with selected excavated earth to be obtained within site etc. as per tech. Specifications.	10	cum		
<b>Concrete work</b>					
5	Providing and laying plain cement concrete 1:5:10 of nominal size of 40mm	4	cum		
6	RCC 1:2:4 mix with 20mm down size aggregate for equipment and machine foundations and groutings pockets with 1:1 1/2:3 mix as per technical specifications.	0.5	cum		
7	Providing and erecting form work for structures in super stucture upto 12m height from plinth level including necessary stage shuttering as per tech. Specifications.	3	Sqm		
8	Providing, fabricating and placing in psition TMT Steel reinforcement steel (supplied by KCMMF @ free of cost) as per tech. Specifications.	40	Kg		
<b>Masonry Work</b>					
9	Providing and constructing random rubble masonry uncoursed in cement mortar 1:6 for foundatins and upto plinth level as per tech. Specifications.	19	cum		
10	Providing and constructiong concrete solid block masonry with cement mortar 1:5 as per tech. Specifications.	2	cum		

11	Providing and constructing hollow block masonry with cement mortar 1:5 as per tech. Specifications.	2	cum		
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	<b>Finishing work</b>				
12	Providing and applying cement plaster in CM 1:4 12 mm thick as per tech. Specifications.	90	Sqm		
13	Providing and applying water proof cement paint as per tech. Specifications.	50	Sqm		
14	Providing and applying plastic emulsion paint as per tech. Specifications.	20	Sqm		
15	Providing and applying anti-fungal exterior quality paint (appex, excel or equivalent) two or more coats over the exterior plastered surfaces	20	Sqm		
16	Pointing the RR mansonry walls with cement mortar 1:4	15	Sqm		
17	Providing 50 mm size border with cement mortar for RR Mansonry basement as per requirments.	30	Rm		
	<b>Flooring work</b>				
18	Providing and laying ceramic tiles in flooring and skirting (Basic rate fr supply of ceramic tiles to be considered as Rs.25/sft)	50	Sqm		
19	Providing and fixing skirting and dado with shite/colured glazed tiles of approved quality and make over 20mm thick CM (1:2) including crners angles and beading and using white cement pinting of joints and applying neat cement past 3 Kgs/Sqm cleaning, polishing etc. as per tech. specifications.	23	Sqm		
20	Providing and fixing pre polished Granite stone with machine cut edges for laboratory platform including edge nosing, hand & wax polishing etc. complete	3	Sqm		
	<b>Door, windows</b>				
21	Providing and fixing PVC standard range door frame and shutters (sintex or equivalent make) from extruded PVC sections 53 mm x 60 mm having multi chamber cross section with a mzimum wall thickness 2.8 mm + 0.3 mm duly reinfrncd with steel to be mitre cut at crners and welded. A tie rod to be provided at bottom. necessary weather seals shall also be provided.	5	Sqm		
22	Providing and fixing molded PVC doors with frame	2	Sqm		
23	Providing and fixing aluminium powder coated sliding type windows/ventilators	3.5	Sqm		
	<b>Steel work</b>				
24	Prviding and fixing MS guard bar grills for windows/ventilators	25	Kg		

25	Providing and fixing push and pull arrangement rolling shutters with 75mm wid cold rolled MS laths inter locked including top cover, spring axles, guide rails, tees, iron pulleys, bearings, handles etc. as per tech. Specifications.	18	Sqm		
<b>Roofing work</b>					
26	75 mm dia GI B class pipe support for roof members charges including painting, fabrication, erection etc. complete.	35	Rm		
27	Providing, fabricating and erect in position structural steel work (hollow tube square/rectagular sections) for rafters, trusses, purlins, struts wind ties etc; as per design including riveting welding in rolled steel sections and plates with all necessary nuts, bolts, rivets, gusset plates etc; complete including painting with two coat of red oxide primer and 2 coats of synthetic enamel paint of approved make finished to even shad as per tech. specifications.	400	Kg		
28	Providing, fabricating and erect in position structural steel work for MS table frame work as per design including riveting welding in rolled steel sections and plates/sheets with all necessary nuts, bolts, rivets, gusset plates etc; complete including painting with two coat of red oxide primer and 2 coats of synthetic enamel paint of approved make finished to even shad as per tech. specifications.	100	Kg		
29	Sheeting with galvalume colour coated tile profile sheet	70	Sqm		
<b>Water supply and Sanitary</b>					
30	Providing and fixing Orissa patern I.W.C as per tech. Specifications	1	No.		
31	Providing and fixing European W.C as per tech. Specifications.	1	No.		
32	Providing and fixing flushing cistern of 10 Lts capacity PVC high level flushing cisterns.	2	No.		
33	Providing and fixing marble pardi as urinal partitions, 22 mm thick approximate six of 0.6 m x 1.5 m etc.	0.75	Sqm		
34	Providing and fixing aluminium towel rode as per tech. Specifications	3	No.		
35	Providing and fixing Wash basin of 550 mm x 400 mm size of approved make including one concealed CP brass pillar cock, one 12mm dia PVC connectin, 32mm dia CP brass waste coupling and PVC waste pipe etc. complete	2	No.		
36	Providing and fixing Stain less Steen sink 600 x 450 x 250mm size with drain bard	1	No.		

37	Providing and fixing heavy duty long boady tap (dise type)	3	No.		
38	Providing and fixing good quality dise type piller tap for wash basins.	1	No.		
39	Provind and fixing stop cock 15 mm	5	No.		
40	Providing and laying concealed in structures/underground/open apprved make. PVC pipes 25 mm NB (Pressure 6Kg/Sqm)	10	Rm		
41	Providing and laying concealed in structures/underground/open apprved make, PVC pipes 20mm NB (pressure 6Kg/Sqm)	25	Rm		
42	Providing and laying concealed in structures/underground/open apprved make, PVC pipes 50mm NB (pressure 10Kg/Sqm)	20	Rm		
43	Providing and laying concealed in structures/underground/open apprved make, PVC pipes 100mm NB (pressure 10Kg/Sqm)	20	Rm		
44	Construction of brick masonry chamber 300 mm x 300 mm depth 300 mm to 610mm (clear inside) including excavatin 230 mm thick brick masnry all around in CM 1:6 base concrete 1:4:6 75 mm thick cement cncrete slab (1:2:4) with CI lihgt duty duble seal cover including cement plaster, cmplete as directed. Chamber inside and outside to be plastered with CM 1:4, chamber inside t be smoth plastered and bottom t be channeled/benched with cement concrete 1:2:4 to suit the site condition	2	No.		
	<b>Total</b>				
	Rebate				
	Net Amount				