

## BILL OF QUANTITY (BOQ) - 01

<b>NAME OF THE WORK</b>	<b>"Urgent repairing of quarter no. CTS-3/13 under GM Unit, Rajrappa Area".</b>	
<b>NIQ NO. &amp; DATE</b>	Ref NO. CCL/Rajrappa/GM Unit/Civil/NIQ/2023-24/08 Dated 25.09.2023	
<b>INPUT TAX AVAILABL E / NOT AVAILABLE</b>	<b>Not AVAILABLE</b>	
<b>RATE OF GST (in%)</b>	<b>18%</b>	
<b>STATUS OF BIDDER W.R.T. GST [PLEASE MARK (v) AS APPLICABLE]</b>	<b>(a)</b>	<b>GST REGISTERED BIDDER UNDER REGULAR SCHEME</b>
	<b>(b)</b>	<b>GST REGISTERED BIDDER UNDER COMPOSITION SCHEME</b>
	<b>(c)</b>	<b>GST UNREGISTERED BIDDER</b>

SL. No.	Description	Qty	Unit	Rate/Unit in Rs.	Amount in Rs.	Remark
01	Providing and laying Ceramic glazed floor tiles 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 : 4Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	7.11	Sqm	822.30	5846.55	11.37
02	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 burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	29.14	Sqm	909.79	26511.28	11.36
03	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	7.11	Sqm	45.51	323.58	15.23.1
04	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	29.14	Sqm	30.27	882.07	15.56
05	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work 25 mm nominal outer dia. Pipes.	10.00	Metre	316.02	3160.20	18.9.3
06	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. :Concealed work, including cutting chases and making good the walls etc. 20 mm nominal outer dia .Pipes.	30.00	Metre	453.96	13618.80	18.8.2
07	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply,	6.00	metre	376.72	2260.32	18.8.1

	including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. :Concealed work, including cutting chases and making good the walls etc. 15 mm nominal outer dia .Pipes.					
08	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	4.00	No.	460.09	1840.36	18.15.1
09	Providing and fixing brass stop cock of approved quality : 15 mm nominal bore	8.00	No.	460.09	3680.72	18.16.1
10	Providing and fixing 100 mm sand cast Iron grating for gully trap.	2.00	No.	38.70	77.40	17.29
11	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2.00	No.	1079.97	2159.94	17.31
12	Providing and fixing PTMT pillar cock of approved quality and colour . 15mm nominal bore, 107 mm long. Weighing not less than 110 gms.	1.00	No.	169.56	169.56	18.56.1
13	Providing and fixing wash basin with C.I. brackets, 15 mm 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 require : White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap.	3.00	No.	2363.86	7091.58	17.7.2
14	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 150 mm diameter	2.00	No.	158.10	316.20	18.22.2
15	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	2.00	No.	131.86	263.72	17.71
16	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	1.00	No.	4599.13	4599.13	17.2.1
17	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device(handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00	No.	4732.70	4732.70	17.1.1
18	p/f health faucet as per EIC	2.00	#N/A	336.28	672.56	AOR
19	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size	50.00	Sqm	485.46	24273.00	11.3.1

	stone aggr
20	Demol inclu dir
21	

	stone aggregate.					
20	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	2.00	Cum.	1336.61	2673.22	15.2.1
21	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections 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, rust free, 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) : For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	7.57	Kg	377.94	2861.01	21.1.1.1
22	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	5.64	Kg	451.90	2548.72	21.1.2.1
23	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 4.0 mm thickness	1.44	Sqm	814.32	1172.62	21.3.1
24	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete. and stacking within 50 metres lead : Of area 3 sq. metres and below	3.00	No.	227.69	683.07	15.12.1
25	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	10.00	Sqm	295.16	2951.60	13.7.2
26	12 mm cement plaster of mix 1:6 (1 cement: 6 fine sand)	4.50	Sqm	221.30	995.85	13.1.2
27	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	50.00	Sqm	190.94	9547.00	13.26
28	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : Old work (one or more coats) .	330.65	Sqm	46.84	15487.65	14.45.1
29	Finishing walls with water proofing cement paint of required shade : Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat.	221.19	Sqm	76.05	16821.50	14.64.1
30	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : With a solution of 38 gms of copper acetate in a litre of soft water	136.03	Sqm	40.56	5517.38	13.54.1
31	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part 1) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched	1.68	Sqm	1629.96	2738.33	9.21.2

	commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters : 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.					
Total cost of estimate					<b>166477.61</b>	
Add: GST@18%					<b>29965.97</b>	
Grand Total					<b>196443.58</b>	

**Note:** Bidders are requested to quote their rate in figure & words both.

Sd/-

Sd/-

**Staff Officer (Civil)**

I AGREE TO EXECUTE THE WORK at .....%(in words .....%) ABOVE / BELOW THE ESTIMATED COST.

**SIGNATURE OF BIDDER**