

**PART - II - - PRICE BID**

**( TO BE SUBMITTED IN A SEPARATE SEALED COVER )**

**NAME OF WORK : IMPROVEMENT WORKS AT BHEEA/POST OFFICE/CREDIT  
CO.OP SOCIETY BUILDING INSIDE OUR FACTORY PREMISES.  
( GROUND AND FIRST FLOOR )**

**TOTAL NO OF PAGES : 16 PAGES**

## SCHEDULE

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CO.OP SOCIETY BUILDING INSIDE OUR FACTORY PREMISES.  
( GROUND AND FIRST FLOOR )**

Sl. No	Description	UNIT	QTY	RUPEES IN FIGURES AND WORDS	Amount Rs. Ps.
1	Earth work in excavation 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 upto 50m and lift upto 1.5 m disposed earth to be levelled and neatly dressed in all types of soil	CUM	43.00		
2	.....do..... In ordinary rock	CUM	13.00		
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc., in layers not exceeding 20cm in depth, consolidating of each deposited layer by ramming & watering, lead upto 50mtrs & lift upto 1.50mtrs	CUM	26.00		
4	Providing and laying in position cement concrete 1;4;8 ( 1 cement;4 course sand ; 8 graded stone aggregate 40 mm nominal size )in footings & base of columns excluding the cost of centring and shuttering	CUM	10.00		
5	Random Rubble Masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1cement : 6 Course sand :12 graded stone aggregate 20mm nominal size) at plinth level with cement mortar (1:6) (1cement : 6 Course sand)	CUM	16.00		
6	Coursed Rubble Masonry (First sort) with hard stone in foundation and plinth with cement mortar 1:6 (1 cement : 6 Course sand)	CUM	10.00		

7	Filling with fine sand under floors including watering ramming, consolidating and dressing complete (including filling in plinth)	CUM	5.00		
8	Pointing on stone work with cement mortar (1:3) (1 cement : 3 fine sand) flush pointing including providing and removing scaffolding at all heights and levels	SQM	46.00		
9	Collecting & disposing off earth, debris, etc. at site as directed by the Engineer-in-charge, out of factory premises & cleaning the site neatly including cost of transportation	CUM	20		
10	Reinforced cement concrete works:				
a)	Providing and laying R.C.C work of design mix M20 in Rafts, footings, base of columns etc., and foundation mass concrete excluding the cost of centring, shuttering and reinforcement at all levels	CUM	7.00		
b)	Providing and laying M20 design mix RCC work in chajjas including throating of plastered drip and moulding excluding the cost of centering, shuttering, finishing and reinforcement at all levels	CUM	4.00		
c)	Providing and laying M20 design mix RCC work in lintels, beams, plinth beams and bressumers excluding the cost of centering, shuttering, finishing and reinforcement at all levels	CUM	56.00		
d)	Providing and laying M20 design mix RCC work in columns, pillars, piers, abutments, post and struts excluding the cost of centering, shuttering, finishing and reinforcement at all levels	CUM	7.00		
e)	Providing and laying M20 design mix RCC work in Slab , Balcony stir case excluding the cost of centering, shuttering, finishing and reinforcement at all levels	CUM	62.00		

11	Centering and shuttering including strutting, propping etc., and removal of form for				
a)	For foundation, abutments, posts struts, butterses, bed blocks, windowsills and tie beams.	SQM	45.00		
b)	For Columns	SQM	62.00		
c)	For Beams and lintels	SQM	492.00		
d)	For Chajjas	SQM	38.00		
12	Providing and laying in position Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding for Tor steel with 16 gauge G.I. Wires, welding of reinforcement where required at all heights and floors (basement to 4th floor)	KGS	16750		
13	Providing and constructing 230mm thick brickwork with bricks at all levels in CM(1:6) including providing and removing scaffolding curing etc., complete as directed by Engineer-in-charge for superstructure	CUM	64.00		
14	Half brick masonry bricks of class designation 75 in super structure in CM (1:4) (1 cement : 4 Coarse sand)	SQM	21.00		
15	Providing and fixing on wall face unplasticised rigid PVC rain water pipe 150mm dia conforming to IS :13592 type A including jointing with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion including all fittings like Tees, bends, clamps, screws, (cleats) etc., complete at all heights and levels as directed by Engineer-in-charge  110mm dia.	RMT	50.00		
16	12mm thick cement plaster in cement plaster (1:5) (1 cement : 5 coarse sand) finished with including smooth finishing including lime rendering providing and removing scaffolding, curing	SQM	406.00		

17	12mm thick cement plaster on surfaces of CEILING , BEAM such other member with plaster of CM(1:3) 12 mm average thickness to get a plain and even surface finished With lime rendering at all heights and levels including providing and removing scaffolding, curing and removing	SQM	560.00		
18	12mm thick cement plaster on surfaces of walls outside, periphery of chajja, parapet and such other member with plaster of CM(1:6) 12 mm average thickness to get a plain and even surface finished rough at all heights and levels including providing and removing scaffolding, curing and removing	SQM	320.00		
19	Providing and painting plastic emulsion paint of approved brand and manufacture to given an even shade 2 or more coats on new work including preparing the base including zinc putty and priming coat at all heights and levels	SQM	966.00		
20	Providing and finishing walls with water proofing cement paint "Snowcem plus" of M/s. Snowcem India Ltd. or equivalent of required shade on new work (2or more coats applied @ 3.84 kg/10Sqmt)	SQM	320.00		
21	Providing painting with synthetic enamel paint of approved brand & manufacture of required colour to give an even shade two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand & manufacture	SQM	30.00		
22	Steel work in buildup section/framed work including cutting, Hoisting, Fixing in position & applying a primer coat of steel primer using structural steel as required in stringer, treads, landing, etc of staircase/lift room including use of chequered plates/Gusset plates/M.S plates all complete at all heights & levels.	KGS	2000.00		

23	Providing, laying and fixing 18mm thick mirror polished granite, machine cut for kitchen platforms, vanity counters facias, staircase and similar location of required size of approved shade colour and texture laid over 20mm thick base cement mortar (1:4) (1 cement : 4 coarse sand) with joints treated with cement mixed with matching pigments epoxy touchups including rubbing, curing etc., complete at all heights and levels for granite slabs of approved colour of any dimension of each granite slabs as per the direction of engineer-in-charge including grinding of edges/faces half/full round, chamfering of edges wherever required	SQM	30.00		
24	Providing and fixing 1mm thick M.S doors of required pattern and design made of tees, angles, flats, channels etc., including cutting, hoisting and fixing in position including frame and all necessary fittings, hinges and fixing arrangements including applying a priming coat of approved steel primer as per drawing includes pressed steel frame duly painted as per directions	KGS	300.00		
25	Diluting and injecting chemical emulsion for PRE CONSTRUCTIONAL ANTITERMITE treatment and creating a continuous chemical barrier under and all-round the column pits, wall trenches, basement excavation, top surface of plinth filling, junctions of wall and floor along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surroundings of pipes and conduits etc., complete as per specifications (Plinth area of the building at ground floor only shall be measured for payment)	SQM	26.00		
26	Providing asbestos cement 6mm thick sheet (corrugated sheet) roofing and fixing with polymer coated J or L hooks bolts and Nuts 8mm dia G.I plain and bitumen washer complete excluding the cost of purlin, rates at all heights and levels	SQM	15.00		

27	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering in cc 1;2;4 (1 cement ;2 coarse sand ; 4 graded stone aggregate 20mm nominal size including curing etc complete.	cum	3.00		
28	Dismantling of asbestos sheet roofing including ridges hips valleys and gutters etc and stacking the material Staircase room	SQM	200.00		
29	Dismantling of steel work in single section including distempering and stacking with in 50mtrs lead of channels, angles tees and flats etc complete	KGS	3000.00		
30	Demolishing brickwork including stacking of serviceable material and disposal of unserviceable material outside the factory premises.	CUM	12.00		
31	Demolishing Cement concrete work at all including cutting scrapping and cleaning of reinforcement and stacking them neatly and disposal of unserviceable material outside the factory premises.	CUM	25.00		
32	Dismantling of tiles work in floors and roofs laid in cement mortar including stacking of materials with in 50mtrs lead Roof tiles	SQM	84.00		
33	Demolishing lime concrete / Surki including removing of materials, scaffolding, cleaning the roof surface and disposal the material with 50mtrs lead	CUM	13.00		
34	Dismantling doors, windows and clerestory windows (steel or wood) shutters including chowkhats, architrave holdfasts etc., complete and stacking with in 50 mtrs lead	NOS	15.00		

35	Dismantling C.I or asbestos rain water pipe with fittings and clamps including stacking the material with in 50mtrs lead	RMT	50.00		
36	Dismantling G.I pipes (internal work) including stacking of serviceable material	RMT	30.00		
37	Lime concrete terracing on roofs average thickness 10 cms laid to fall with 25 mm nominal size brick aggregate and 50 % of lime mortar 1;2 ( 1 lime putty ; 2 surki) rammed and finished with gur and biligiri treatment complete including rounding of junction with parapet wall complete	SQM	280.00		
38	Providing and laying pressed split clay tiles (as per approved pattern 20mm nominal thickness) on roofs jointed with cement mortar 1:4 mixed with 2% integral water proofing compound laid over a bed of 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand and finished neat complete at all heights and levels as directed by engineer-in-charge	SQM	280.00		
39	Providing and laying polished vetrified floor tiles in different sizes (thickness to be specified by the manufacture) with water absorption's less than 1% and flexural strength not less than 30N/mm2, in all colour and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete the size of tile 60X60cm	SQM	350.00		
40	Dismantling aluminum / Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in- charge.	SQM	106.00		



41	Providing and fixing double action hydraulic floor spring approved brand and manufacture IS:6315 marked, Hardwyn make (model 3000) or equivalent for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S.sheet outer box with slide plate etc. complete as per the direction of Engineer - in - charge with stainless steel cover plate	NOS	10		
42	Providing and fixing Aluminum grill of required pattern for the standard and thickness to be specified by the manufacturer including fixing with aluminum beading etc complete as directed by Engineer - in - charge.	SMT	52.00		
43	Providing and fixing anodized aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS : 733 and IS:1285, anodized transparent of dyed to required shades according to IS:1868 (Minimum anodic coating grade AC 15) , fixed with raw plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top bottom and sides with required PVC neoprene felt etc. Aluminum section shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminum 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 and Paneling shall be paid separately). For Shutters and doors, windows ventilator including the cost of providing and fixing hinges, pivots and fittings where ever required with PVC/neoprene gasket etc. complete as directed by Engineer - in - charge.	KGS	800.00		

44	Providing and fixing 12 mm thick prelaminated three layer medium density (exterior grade) particle board grade I, Type II, conforming to IS:12823 bonded with phenol formaldehyde synthetic resin, of approved brand and manufacture in paneling fixed in aluminum doors, windows, shutters and partition frames with C.P brass/stainless screws etc.complete as per architectural drawings and directions of Engineer-in-charge. Prelaminated particle board with decorative lamination on both side.	SQM	50.00		
45	Providing & fixing glazing in aluminum door, window, ventilator, shutter & partition etc. with PVC / neoprene gasket etc.complete as per directions of Engineer - in - charge (Cost of aluminum snap beading shall be paid in basic item.) with plain glass panes of 5.50mm thickness (Weight not less than 13.75 Kg / sqm)	SQM	50.00		

## Toilets Portion

### ( GROUND AND FIRST FLOOR TOILET PORTION )

Sl. No	Description	UNIT	QTY	RUPEES IN FIGURES AND WORDS	Amount Rs. Ps.
1	Dismantling old damaged sanitary fittings including disposal of unserviceable materials as per the direction of Engineer - in - charge.				
	a) INDIAN type water closet	Nos	2.00		
	b) Wash basin	Nos	2.00		
	c) Urinal basin	Nos	2.00		
2	Dismantling GI pipes (External works) including excavation and refilling trenches after taking out the pipe s, including stacking of pipewith in 50mtr lead: 15mm to 40mm nominal bore	Rmt	25.00		
3	Dismantling CI pipes including excavation and refilling trenches after taking out the pipes, Breaking lead caulked joints, melting of lead and making into blocks including stacking of pipewith in 50mtr lead: Upto 150mm diameter	Rmt	15.00		
4	Dismantling and relaying stone slab flooring laid in cement mortar including resetting the stone slab with proper slope and cement pointing in cement mortar 1:3 etc. complete	Sqm	55.00		
5	Supply and spreading of the sand under the floor including watering, consoldating etc. complete	Cum	25.00		
6	Providing and fixing white water closet squatting pan (Indian type) orissa pattern of size 580X440mm with 100mm sand cast iron P or S trap, 10litre low level white P.V.C flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, parryware / Hindware / Seabrid / Orient (coral) with all fittings and fixtures complete including cutting and making good the walls and floors wherever required etc., complete	Nos.	4.00		

7	Providing and fixing coloured vitreous china pedestal type water closet (European type) with seat and lid, 10litre low level P.V.C flushing cistern with manually controlled device ( handle lever ) confirming IS: 7231 Parryware/ Hind ware / Sea Bird / Orient (coral) with all fittings and fixtures complete including cutting and making good the walls and floors wherever required etc. complete.	Nos.	3.00		
8	Providing and fixing white vitreous china flat back urinal basin of 430X260X350mm with standard flush pipe and C.P brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required etc. complete.	Nos.	5.00		
9	Providing and fixing white Flat back wash basin with C.I / M.S brackets 15mm C.P brass pillar taps, Kingston / Gem / Techno / Parko 32mm C.P waste coupling 32mm waste of standard pattern including Painting of fittings and brackets. cutting and making good the walls wherever required. size 550X400mm	Nos.	7.00		
10	Providing and fixing Green marble stone slab table rubbed and polished of size 105cm X 60cm deep and 1.8cm thick fixed in urinal partitions with cement concrete 1:2:4 (1cement : 2 coarse sand : 4 stone aggregate 6mm nominal size and finished smooth etc. complete.	Sqm	6.00		
11	Providing and fixing square mouth S.W. gully grade 'A' complete with C.I. Grating brick masonry chamber with water tight C.I. Cover with frame of 300x300mm size (inside) the weight of the cover not less than 4.50kg and frame to be not less than 2.70kg as per standard design, 100x100 mm size P type etc. complete.	Nos.	2.00		
12	Making holes up to 20x20cm and embedding pipes upto 150mm diameter in masonry and filling with cement concrete 1:3:6 (1cement : 3 coarse sand : 6graded stone aggregate 20mm nominal size) including disposal of debris etc. complete	Nos.	12.00		

13	Providing and fixing G.I pipes complete with G.I fittings and clamps including cutting and making the good the walls etc., (internal work)				
	a) 15mm dia	Rmt	60.00		
	b) 20mm dia	Rmt	95.00		
	c) 25mm dia	Rmt	15.00		
14	Providing and fixing on wall face unplasticised - Rigid PVC sanitary water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion				
	a) 75mm dia	Rmt	25.00		
	b) 110mm dia	Rmt	66.00		
	c) 160mm dia	Rmt	25.00		
15	Making connection of G.I. Distribution branch with G.I. main of following size by providing and fixing tee, including cutting and threading the pipe etc. complete 25mm to 40mm nominal bore	Nos.	4.00		
16	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				
	a) 15mm nominal bore	Nos.	10.00		
17	Providing and fixing mirror thickness of required shape and size with plastic moulded frame of approved make and shade with 6mm thick hard board backing of rectangular shape size 450X350mm	Nos.	7.00		

18	Constructing brick masonry manhole 90x80x60cm in cement mortar 1:4 (1cement : 4coarse sand) R.C.C. top slab with 1:2:4 (1cement : 2 coarse sand :4graded stone aggregate 20mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1cement:3coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1cement: 2:coarse sand: 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design with F.P.S bricks with class designation 50	Nos.	3.00		
19	Providing and fixing first quality ceramic glazed tiles cnferming to IS:13753 of mnimum thickness 5mm of approved make like NITCO, ORIENT, SOMANY, KAJARIA, or equivalent make in all colour, shades except begundy, bottle green, black of any size as approved by Engineer - in - charge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 (1cement:3coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete,	Sqm.	80.00		
20	Providing and laying ceramic glazed floor tiles 300X300mm (thickness to be specified by the manufacturer) of first quality conforming to IS:13755 of NITCO, ORIENT, SOMAN KAJARIA, or equivalent make in colours such as white, Ivory, Grey, Fume red brown, Laid on 20mm thick cement mortar 1:4(1cement:4coarse sand) including pointing the joints with white cement and matching pigment etc. complete.	Sqm	30.00		

21	Providing and fixing 30mm thick factory made PVC rigid foam panelled door, shutters manufactured by M/s. Rajashri or equivalent made from M.S tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top and bottom rails, covered with heat moulded PVC "C" channel of 5mm thick sheet and 30x50mm wide to for styles and 5mm thick and 75mm wide PVC sheets for top rail and bottom rail either side and 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet fitted with M.S frame welded/sealed to the styles and rails with 5x30mm PVC sheet beading on either side and joined together with solvent cement adhesive etc., complete as per manufactures specification and direction of engineer - in - charge fixed to frames with 4 Nos. M.S. powder coated butt hinges (For W.C and bathroom shutters)	Sqm	13.00		
22	providing and fixing ISI marked flush door shutters decorative 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 brands and face veneers on both faces of shutters. 30mm thick includibng ISI marked Stainless steel butt hinges with necessary screws.	Sqm	3.00		
23	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position, second class teak wood	Cum	0.20		
24	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS:7231, Parryware/ Hindware/ Seabird/ Orient (Coral) with all fittings and fixtures comlrete, 10 liter - white	Nos.	3.00		

## ABSTRACT

01)	BUILDING WORKS	
02)	TOILETS PORTION	
<b>TOTAL RS.</b>		

**TOTAL WORDS IN RUPEES:** .....

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