



		2 x 2.80 x 1.80 = 10.08	10.08	sqm		
5	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 all 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).	2 x 0.90 x 2.10 = 3.78	3.78	sqm		
6	Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap		1.00	each		
7	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 18.22.1 100 mm diameter		2	each		
8	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: 17.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P.		3	each		
9	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.		2	each		
10	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.		2	each		
11	Providing and fixing brass bib cock of approved quality : 18.15.1 15 mm nominal		3	each		
12	15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms		3	each		
13	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement					

	12.43.2 110 mm	6.00	each		
14	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately	1000.00	Litre		
15	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge. Concealed work, including cutting chases and making good the wall etc.				
	18.2.1 1216 (16 mm OD) pipe	25.00	rm		
	18.2.3 2025 (25 mm OD) pipe	20.00	rm		
<b>ELECTRICAL WORKS</b>					
16	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.  1.1.1 Group A	50	each		
17	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	1.50.1 Upto 450 mm sweep	3	each		
				<b>Total=</b>	
				<b>Add 18 % GST=</b>	
				<b>Grand Total=</b>	
				<b>Say=</b>	

## Price Schedule-2

**Name of Work:- Repairing and renovation of Quarter no T/III/03/1/SF-2 at 220kV Sarusajai GSS Campus**

**Name of Bidder:-**

SI. No.	Description of Item	Qty	Unit	Rate	Amount
(A)	<b>CIVIL WORKS</b>				
1	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete				
	Standard quantity = 400.00	400.00	sqm		
2	<b>DISTEMPERING</b>				
	Distemporing with 1st quality acrylic distemper (Ready mix) having VOCM content less than 50 grams/ litre of approved brand and manufacture to give an even shade :				
	13.90.1 Old work (one or more coats) = 400.00	400.000	Sqm		
	p) Extra over item no (m), (n) and (o) above for every subsequent coat of distemporing with oil bound distemper of approved brand and manufacture.				
	= 400.00	400.000	sqm		
3	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 Engineerin- 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.				
	Bathroom	2 x 2 x 2.80 x 2.00 = 22.40			
		2 x 2 x 1.80 x 2.00 = 14.40			
	Kitchen	1.00 x 1.275 x 3.80 = 4.85			
	= 41.65	41.65	sqm		
4	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				

	11.41A.3 Glazed Vitrified tiles Matt/Antiskid finish of size 11.41A.3.1 Size of Tile 600 x 600 mm  2 x 2.80 x 1.80 = 10.08	10.08	sqm		
5	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 ( $\pm 0.2$ 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 ( $\pm 0.1$ mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm ( $\pm 0.2$ 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 all thickness of 20 mm and 1 mm ( $\pm 0.1$ 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).  2 x 0.90 x 2.10 = 3.78	3.78	sqm		
6	Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap	1.00	each		
7	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 18.22.1 100 mm diameter	2	each		
8	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: 17.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P.	3	each		
9	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.	2	each		
10	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.	2	each		
11	Providing and fixing brass bib cock of approved quality : 18.15.1 15 mm nominal bore	3	each		
12	15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms	3	each		

13	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement 12.43.2 110 mm	5.00	each		
14	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately	1000.00	Litre		
15	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge. Concealed work, including cutting chases and making good the wall etc. 18.2.1 1216 (16 mm OD) pipe 18.2.3 2025 (25 mm OD) pipe	23.00 18.00	rm rm		
<b>ELECTRICAL WORKS</b>					
16	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. 1.1.1 Group A	48	each		
17	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required. 1.50.1 Upto 450 mm sweep	3	each		
18	Clearance of service septic tank and removing the night soil and debris etc. manually from the tank/chamber to a distant place preferably during holidays or at night by bailing out the deposited night soil, buring the same in near by trenches/pits which has been dug earlier and covering the same. The service septic tank is cleaned with clear water and completed as directed by the Department.				

(b) For 100 users					
		2	each		
					<b>Total=</b>
					<b>Add 18 % GST=</b>
					<b>Grand Total=</b>
					<b>Say=</b>

### Price Schedule-3

Name of Work:- Repairing and renovation of Quarter no T/IV/4/1/FF-1 at 220kV Sarusajai GSS Campus.

Name of Bidder:-

Sl. No.	Description of Item	Qty	Unit	Rate	Amount
(A)	<b>CIVIL WORKS</b>				
1	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Standard quantity = 400.00	400.00	sqm		
2	DISTEMPERING Distemping with 1st quality acrylic distember (Ready mix) having VOCM content less than 50 grams/ litre of approved brand and manufacture to give an even shade : 13.90.1 Old work (one or more coats) = 400.00 p) Extra over item no (m), (n) and (o) above for every subsequent coat of distemping with oil bound distemper of approved brand and manufacture. = 400.00	400.000 400.000	Sqm sqm		
3	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 Engineerin- 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. Bathroom 2 x 2 x 2.80 x 2.00 = 22.40 2 x 2 x 1.80 x 2.00 = 14.40 Kitchen 1.00 x 1.275 x 3.80 = 4.85 = 41.65	41.65	sqm		
4	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. 11.41A.3 Glazed Vitrified tiles Matt/Antiskid finish of size 11.41A.3.1 Size of Tile 600 x 600 mm				



		$2 \times 2.80 \times 1.80 = 10.08$	10.08	sqm		
5	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 ( $\pm 0.2$ 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 ( $\pm 0.1$ mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm ( $\pm 0.2$ 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 all thickness of 20 mm and 1 mm ( $\pm 0.1$ 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).					
		$2 \times 0.90 \times 2.10 = 3.78$	3.78	sqm		
6	Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap		1.00	each		
7	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 18.22.1 100 mm diameter		2	each		
8	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste or standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require. 17.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps		2	each		
9	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.		2	each		
10	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.		2	each		
11	Providing and fixing brass bib cock of approved quality : 18.15.1 15 mm nominal bore		3	each		
12	15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms		2	each		
13	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement 12.43.2 110 mm		5.00	each		

14	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately	1000.00	Litre		
15	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge. Concealed work, including cutting chases and making good the wall etc.				
	18.2.1 1216 (16 mm OD) pipe	20.00	rm		
	18.2.3 2025 (25 mm OD) pipe	18.00	rm		
<b>ELECTRICAL WORKS</b>					
16	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. 1.1.1 Group A	44	each		
17	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	1.50.1 Upto 450 mm sweep	2	each		
					<b>Total=</b>
					<b>Add 18 % GST=</b>
					<b>Grand Total=</b>
					<b>Say=</b>

**Price Schedule-4**

**Name of Work:-** Repairing and renovation of Quarter no T/IV/4/1/FF-3 at 220kV Sarusajai GSS Campus.

**Name of Bidder:-**

Sl. No.	Description of Item	Qty	Unit	Rate	Amount
(A)	<b>CIVIL WORKS</b>				
1	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Standard quantity = 400.00	400.00	sqm		
2	DISTEMPERING Bathroom 13.90.1 Old work (one or more coats) = 400.00	400.000	Sqm		
	p) Extra over item no (m), (n) and (o) above for every subsequent coat of distempering with oil bound distemper of approved brand and manufacture. = 400.00	400.000	sqm		
3	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 Engineerin- 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. Bathroom 2 x 2 x 2.80 x 2.00 = 22.40 2 x 2 x 1.80 x 2.00 = 14.40 Kitchen 1.00 x 1.275 x 3.80 = 4.85 = 41.65	41.65	sqm		
4	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. 11.41A.3 Glazed Vitrified tiles Matt/Antiskid finish of size				

	11.41A.3.1 Size of Tile 600 x 600 mm $2 \times 2.80 \times 1.80 = 10.08$	10.08	sqm		
5	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 ( $\pm 0.2$ 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 ( $\pm 0.1$ mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm ( $\pm 0.2$ 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 all thickness of 20 mm and 1 mm ( $\pm 0.1$ 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). $2 \times 0.90 \times 2.10 = 3.78$	3.78	sqm		
6	Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap	1.00	each		
7	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 18.22.1 100 mm diameter	2	each		
8	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: 17.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P.	2	each		
9	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.	2	each		
10	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.	2	each		
11	Providing and fixing brass bib cock of approved quality : 18.15.1 15 mm nominal	3	each		

12	15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms	2	each		
13	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement 12.43.2 110 mm	5.00	each		
14	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately	1000.00	Litre		
15	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge. Concealed work, including cutting chases and making good the wall etc.				
	18.2.1 1216 (16 mm OD) pipe	20.00	rm		
	18.2.3 2025 (25 mm OD) pipe	18.00	rm		
<b>ELECTRICAL WORKS</b>					
16	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. 1.1.1 Group A	47	each		
17	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	1.50.1 Upto 450 mm sweep	2	each		
					<b>Total=</b>
					<b>Add 18 % GST=</b>
					<b>Grand Total=</b>
					<b>Say=</b>

### Price Schedule-5

**Name of Work:-** Repairing and renovation of Quarter no T/IV/4/1/GF-2 at 220kV Sarusajai GSS Campus.

**Name of Bidder:-**

Sl. No.	Description of Item	Qty	Unit	Rate	Amount
(A)	<b>CIVIL WORKS</b>				
3	<p>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 Engineerin- 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.</p> <p>Bathroom                            2   x  2        x  2.80     x  2.00     =  22.40</p> <p>    2   x  2        x  1.80     x  2.00     =  14.40</p> <p>Kitchen                                1.00    x  1.275    x  3.80     =  4.85</p> <p style="text-align: right;">= 41.65</p>	41.65	sqm		
4	<p>Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand &amp; manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.</p> <p>11.41A.3 Glazed Vitrified tiles Matt/Antiskid finish of size</p> <p>11.41A.3.1 Size of Tile 600 x 600 mm</p> <p style="text-align: right;">2        x  2.80     x  1.80     =  10.08</p>	10.08	sqm		
6	Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap	1.00	each		
7	<p>Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :</p> <p>18.22.1 100 mm diameter</p>	2	each		

8	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: 17.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P.	2	each		
9	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.	2	each		
10	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.	2	each		
11	Providing and fixing brass bib cock of approved quality : 18.15.1 15 mm nominal bore	3	each		
12	15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms	2	each		
13	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement 12.43.2 110 mm	5.00	each		
15	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge. Concealed work, including cutting chases and making good the wall etc.				
	18.2.1 1216 (16 mm OD) pipe	20.00	rm		
	18.2.3 2025 (25 mm OD) pipe	18.00	rm		
<b>ELECTRICAL WORKS</b>					
16	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. 1.1.1 Group A	15	each		

17	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	1.50.1 Upto 450 mm sweep	2	each		
					<b>Total=</b>
					<b>Add 18 % GST=</b>
					<b>Grand Total=</b>
					<b>Say=</b>



**Price Schedule-6**

**Name of Work:- Repairing and renovation of Quarter no T/IV/4/1/FF-2 at 220kV Sarusajai GSS Campus.**

**Name of Bidder:-**

Sl. No.	Description of Item	Qty	Unit	Rate	Amount
(A)	<b>CIVIL WORKS</b>				
1	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete  Standard quantity = 400.00	400.00	sqm		
2	DISTEMPERING Distempering with 1st quality acrylic distemper (Ready mix) having VOCM content less than 50 grams/ litre of approved brand and manufacture to give an even shade :  13.90.1 Old work (one or more coats) = 400.00	400.000	Sqm		
	p) Extra over item no (m), (n) and (o) above for every subsequent coat of distempering with oil bound distemper of approved brand and manufacture.  = 400.00	400.000	sqm		
3	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 Engineerin- 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.  Bathroom 2 x 2 x 2.80 x 2.00 = 22.40 2 x 2 x 1.80 x 2.00 = 14.40 Kitchen 1.00 x 1.275 x 3.80 = 4.85 = 41.65	41.65	sqm		
4	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				

	11.41A.3 Glazed Vitrified tiles Matt/Antiskid finish of size 11.41A.3.1 Size of Tile 600 x 600 mm  2 x 2.80 x 1.80 = 10.08	10.08	sqm		
5	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 all 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).  2 x 0.90 x 2.10 = 3.78	3.78	sqm		
6	Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap	1.00	each		
7	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 18.22.1 100 mm diameter	2	each		
8	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: 17.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	2	each		
9	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.	2	each		
10	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.	2	each		
11	Providing and fixing brass bib cock of approved quality : 18.15.1 15 mm nominal bore	3	each		
12	15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms	2	each		

13	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement 12.43.2 110 mm	5.00	each		
14	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately	1000.00	Litre		
15	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge. Concealed work, including cutting chases and making good the wall etc.				
	18.2.1 1216 (16 mm OD) pipe	20.00	rm		
	18.2.3 2025 (25 mm OD) pipe	18.00	rm		
<b>ELECTRICAL WORKS</b>					
16	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. 1.1.1 Group A	45	each		
17	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	1.50.1 Upto 450 mm sweep	2	each		
					<b>Total=</b>
					<b>Add 18 % GST=</b>
					<b>Grand Total=</b>
					<b>Say=</b>