SCHEDULE OF QUANTITY

Name of Work :- A/R & M/O work at AF BLOCK GPRA Salt lake .SH:-Renewing of all damaged/Rusted & leaked S.C.I. Pipes in both kitchen & bath line , WC line in Type-II block (385-400) , Block (401-416) GPRA CPWD Quarter at AF Block old campus Salt Lake, Kolkata-64 .

S.L No.	Description of Items.	Qnty.	Unit.	Rate	Amount	DSR'23 Code
1	**Dismantling & Demolishing**					
1.1	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :					15.42
1.1.1	100 mm dia pipe	148.00	mtr.	₹ 78.00	₹ 11,544.00	15.42.2
1.2	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	2.00	cum.	₹ 263.95	₹ 528.00	15.60
2	**Sanitary Installation**					17
2.1	Providing and fixing soil, waste and vent pipes :					17.35
2.1.1	100 mm dia					17.35.1
2.1.1.1	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	152.00	mtr	₹ 1,180.75	₹ 1,79,474.00	17.35.1.2
2.2	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I./ C.I. Pipes :					17.36
2.2.1	100 mm dia pipe	480.00	each	₹ 198.15	₹ 95,112.00	17.36.2
2.3	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. :					17.37
2.3.1	For 100 mm dia pipe	128.00	each	₹ 362.85	₹ 46,445.00	17.37.1
2.4	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.					17.38
2.4.1	100 mm dia					17.38.1
2.4.1.1	Sand cast iron S&S as per IS - 3989	64.00	each	₹ 705.20	₹ 45,133.00	17.38.1.2
2.5	Providing and fixing plain bend of required degree.					17.39
2.5.1	100 mm dia					17.39.1
2.5.1.1	Sand cast iron S&S as per IS : 3989	4.00	each	₹ 570.05	₹ 2,280.00	17.39.1.2
2.6	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.					17.43
2.6.1	100x100x100 mm					17.43.1
2.6.1.1	Sand cast iron S&S as per IS - 3989	48.00	each	₹ 925.70	₹ 44,434.00	17.43.1.2
2.7	Providing and fixing terminal guard :					17.56
2.7.1	100 mm					17.56.1
2.7.1.1	Sand cast iron S&S as per IS - 3989	8.00	each	₹ 506.00	₹ 4,048.00	17.56.1.2

2.8	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :					**17.60**
2.8.1	100 mm inlet and 100 mm outlet					**17.60.1**
2.8.1.1	Sand cast iron S&S as per IS: 3989	4.00	each	₹ 1,996.50	₹ 7,986.00	**17.60.1.1**
2.9	Painting sand cast iron/ centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for new work :					**17.65**
2.9.1	100 mm diameter pipe	100.00	mtr	₹ 82.80	₹ 8,280.00	**17.65.1**
3	**Water Supply**					**18.0**
3.1	Cutting holes up to 30x30 cm in walls including making good the same:					**18.76**
3.1.1	With common burnt clay F.P.S. (non modular) bricks	88.00	each	₹ 416.80	₹ 36,678.00	**18.76.1**
	Total				**₹ 4,81,942.00**	
	Modified etimated cost after using correction factor on DSR'23 on account of GST @ 0.973.				₹ 4,68,930.00	
	Add Cost Index @ 23.00% on DSR'2023 items				₹ 1,07,854.00	
	Total DSR Items			**(A)**	**₹ 5,76,784.00**	
4	**Non-DSR**					
4.1	Deduct for dismantling materials taking away from site and cleaning the site as per direction of Engineer-in-charge (dismantling materials shall be the property of the contractor for which credit shall given to the Department.					**A/R based on M/R**
4.1.1	SCI soil waste/vent pipes i/c fittings - 100 mm dia.	152.00	mtr.	₹ -48.80	₹ -7,418.00	**A/R based on M/R**
	Total N-DSR Items			(B)	₹ -7,418.00	
		Total (A + B)			**₹ 5,69,366.00**	

SD/-

Assistant Engineer
KCSD-II,KCD-III, C.P.W.D