

**[Group A] SCHEDULE OF RATES (SOR)**

**Construction of RCC Retaining Wall & Septic Tank, Restoring Works of Forecourt And Other Miscellaneous Civil Maintenance works i/c Painting works In A.D Nagar CNG Stations.**

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	2.2	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	SQM.	302	3.60	1,087.20
2	2.12	Earth work in excavation over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed: - All kinds of soil	CUM.	240	134.90	32,376.00
3	2.13	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	CUM.	11	169.50	1,864.50
4	2.16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. - All kinds of soil	CUM.	142	120.30	17,082.60
5	2.17	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	CUM.	115	302.70	34,810.50
6	2.19	Supplying and filling in plinth, under floor, foundations etc. with sand (fine) from local quarry with all lifts including spreading in horizontal layers, watering, grading to required slope, ramming, consolidating and compacting each layer by using plate compactor or by any suitable method complete.	CUM.	10	887.50	8,875.00
7	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering -				
	4.1.5	1:3:6 ( 1 Cement: 3 fine sand : 6 graded stone aggregate 20 mm nominal size)	CUM.	12	9,872.10	1,18,465.20
8	4.4	Centering shuttering including struttings, propping etc. and removal of form work for:				
	4.4.1	Foundations, footings, bases for columns etc. for mass concrete with timber plank	SQM.	11	238.60	2,624.60
	4.4.2	Retaining walls, return walls, walls (any thickness) including attached pilasters, but-tresses plinth and string courses fillets etc.	SQM.	150	308.40	46,260.00

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
9	4.5	Providing and laying at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1 : 3 ( 1 cement : 3 fine sand) including the cost of required centering, shuttering and finishing smooth with 6 mm thick cement plaster 1:3 ( 1 cement : 3 fine sand) on exposed surface complete.				
	4.5.1	1:1.5:3 ( 1 cement: 1.5 fine sand : 3 graded stone aggregate 20mm nominal size).	CUM.	1	13,405.70	13,405.70
10	4.19	Providing and laying in position ready mixed plain cement concrete, with cement content as per design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all lead, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of RMC from transit mixer to site of laying and curing, excluding the cost of centring, shuttering, finishing, including cost of curing, admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of Engineer-in-Charge.				
	4.19.1	All works upto plinth level				
	4.19.1.1	M-15 grade plain cement concrete (cement content considered @ 240 kg/ cum	CUM.	4	10,858.00	43,432.00
11	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-				
	5.1.2	1:1½:3 ( 1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	CUM.	13.5	10,974.60	1,48,157.10
12	5.19	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto floor five level.				
	5.19.4	Thermo-Mechanically Treated bars/ Cold twisted deformed steel bars	KG.	5190	78.20	4,05,858.00

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
13	5.33	Providing and laying in position ready mixed concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for all lead, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of RMC from transit mixer to site of laying but excluding the cost of centring, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of Engineer-in-Charge.				
	5.33.1	All works upto plinth level				
	5.33.1.1	Reinforced cement concrete grade M-25 using 410 kg of cement per cum	CUM.	40	11,815.00	4,72,600.00
14	6.2	Second class brick work in foundation and plinth including cost of all materials as required complete:-				
	6.2.3	In cement mortar 1:4 ( 1 cement : 4 fine sand ).	CUM.	20	7,856.80	1,57,136.00
15	6.11	Half brick masonry work with second class bricks in superstructure upto floor five level including cost of all materials as required complete:-				
	6.11.3	In cement mortar 1:4 ( 1 cement : 4 fine sand ).	SQM.	23	1,046.70	24,074.10
16	7.2	Providing and fixing 18 mm thick polished, machine cut granite stone for dispenser islands of required size and approved quality laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement , mixed with matching pigment, epoxy touchups, including rubbing, making edge moulding, curing etc all complete as per detailed construction drawings , technical specifications and directions of the Engineer-In-Charge.				
	7.2.3.2	18 mm thick granite of any colour and shade duly approved:-	SQM.	66	3,544.60	2,33,943.60
17	9.15	Steel work welded in built up section/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using steel etc. complete as required:-				
	9.15.2	In grating, frames, guard bar, railing, brackets, gates and similar works, all complete.	KG.	1140	113.80	1,29,732.00
18	10.55	Providing and fixing precast chequered cement concrete tiles 18 mm thick, laid in footpath & courtyard, on 20 mm thick bed of cement mortar 1 : 4 ( 1 cement : 4 fine sand ) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete.	SQM.	0	573.60	-

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
19	12.1	12 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete.				
	12.1.2	In cement mortar 1 : 4 ( 1 cement : 4 fine sand )	SQM.	199	174.80	34,785.20
20	12.4	6 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete.				
	12.4.2	In cement mortar 1 : 4 ( 1 cement : 4 fine sand )	SQM.	50	136.90	6,845.00
21	12.5	Neat cement punning.	SQM.	37	45.10	1,668.70
22	12.24	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade [Payment shall be made after submission of Test Certificate issued by the Manufacturer]				
	12.24.1	New work ( two or more coats ), over and including water thinable priming coat with cement primer.	SQM.	11	95.70	1,052.70
23	12.30	Finishing walls with acrylic smooth exterior paint of required shade of approved brand and manufacture [Payment shall be made after submission of Test Certificate issued by the Manufacturer]				
	12.30.1	New work ( two or more coats applied @ 1.67 kg/10 sqm ) over and including base coat water proofing cement paint applied @ 2.20 kg/10 sqm	SQM.	278	119.40	33,193.20
24	12.48	Painting with synthetic enamel paint of approved brand and manufacture of required colour on new work to give an even shade				
	12.48.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint (primer) of approved brand and manufacture.	SQM.	8	119.70	957.60
25	13.35	Distempering with oil bound washable distemper of approved brand and manufacture and of required shade on old work ( one or more coats ), to give an even shade as required complete as per direction of the Engineer in charge.	SQM.	420	36.80	15,456.00
26	13.40	Finishing walls with acrylic smooth exterior paint of required shade of approved brand and manufacture on old work ( one or more coats ) including preparation of surface as required complete as per direction of the Engineer in charge.	SQM.	1210	59.70	72,237.00
27	13.52	Painting with synthetic enamel paint ( one or more coats ) of required colour of approved brand and manufacture on old work to give an even shade including preparation of surface as required complete as per direction of the Engineer in charge	SQM.	315	57.70	18,175.50
28	13.4	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of the Engineer-in-Charge.	EA	2	49.90	99.80

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
29	13.9	Dismantling W.C. pan of all sizes including disposal of dismantled materials including malba all complete as per the direction of the Engineer-in-Charge.	EA	1	53.40	53.40
30	13.10	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 meters lead) as per the direction of the Engineer-in-Charge.	M	4	2.10	8.40
31	13.31	Providing and applying cement slurry on old CC / RCC / Brick works in joints to receive new and fresh CC / RCC / Brick works including roughening and cleaning the old surface as required complete as per direction of the Engineer in charge.	SQM.	4	61.90	247.60
32	14.2	Demolishing cement concrete manually / by mechanical means including disposal of material with all lifts and upto 50 m lead etc. complete as per direction of the Engineer- in-charge:-				
	14.2.1	Nominal concrete 1 : 3 : 6 or richer mix. (i/c equivalent design mix)	CUM.	12	1,070.70	12,848.40
33	14.3	Demolishing reinforced cement concrete manually / by mechanical means including stacking of steel bars properly and disposal of unserviceable material with all lifts and upto 50 m lead etc. complete as per direction of the Engineer- in-charge.	CUM.	4	1,556.40	6,225.60
34	14.7	Demolishing brick work including stacking of serviceable materials and disposal of unserviceable materials with all lifts and upto a lead of 50m etc. complete as per direction of the Engineer- in-charge:-				
	14.7.3	In cement mortar.	CUM.	80	854.10	68,328.00
35	14.20	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 meters lead				
	14.20.1	For thickness of tiles 10 mm to 25 mm	SQM.	15	31.70	475.50
36	14.23	Dismantling old plaster or pointing, raking out joints, cleaning and preparing the surface for re-plastering or re-pointing including disposal of rubbish to the dumping ground with all leads and lifts etc.complete as per direction of the Engineer- in-charge.	SQM.	10	22.40	224.00
37	14.32	Dismantling of flushing cistern of all types(C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	EA	1	365.20	365.20

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
38	16.1	Providing and fixing aluminium work for doors, windows, ventilators, stair railing including hand rail 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, fixed with rawl 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. 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 drawing and the direction of Engineer-in-charge. (Glazing and paneling to be paid for separately) :-				
	16.1.1	For fixed portion of approved quality:-				
	16.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	KG.	1	400.20	400.20
	16.1.1.2	Powder coated aluminium ( minimum thickness of powder coating of 50 micron ).	KG.	2	433.30	866.60
	16.1.2	For shutters/ sliding shutters of doors, windows & ventilators including providing and fixing hinges / pivots / rollers and making provision for fixing fittings wherever required including the cost of PVC / neoprene gasket required of approved quality ( Fittings shall be paid for separately ):-				
	16.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	KG.	2	471.60	943.20
	16.1.2.2	Powder coated aluminium ( minimum thickness of powder coating of 50 micron ).	KG.	2	505.30	1,010.60
39	16.2	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 panelling fixed in aluminium doors, windows, shutters and partition frames with C.P. brass / stainless steel screws all complete as per architectural drawing and the direction of Engineer-in-charge :-				
	16.2.2	Prelaminated particle board of approved quality with decorative lamination on both side.	SQM.	0.5	1,309.90	654.95

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
40	16.3	Providing and fixing glazing of approved quality in aluminium doors, windows, ventilator, shutters and partition frames with PVC / neoprene gasket etc. complete as per architectural drawing and the direction of Engineer-in-charge :-				
	16.3.1	With glass/ float glass panes of 4.0 m thickness ( weight not less than 10.0 kg / sqm )	SQM.	0.5	1,058.20	529.10
	16.3.2	With glass/ float glass panes of 5.5 m thickness ( weight not less than 13.50 kg / sqm )	SQM.	0.5	1,285.20	642.60
41	16.4	Providing and fixing double action hydraulic floor spring of approved brand and manufacture ( conforming to IS : 6315 ) for aluminium doors including cost of cutting floors as required, embedding in floors and cover plates etc. complete as per direction of the Engineer-in-charge:-				
	16.4.1	With stainless steel cover plate minimum 1.25 mm thickness.	EA	1	2,391.40	2,391.40
42	16.8	Filling the gap in between aluminium frame and adjacent RCC / brick work by providing weather silicon sealant over backer rod of approved quality etc. complete as per architectural drawing and direction of the Engineer-in charge:- (i) Upto 5 mm depth and 5 mm width.	M	8	105.60	844.80
43	18.1	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. dual 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 :				
	18.1.1	White vitreous china orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	EA	1	4,634.90	4,634.90
44	18.2	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 :				
	18.2.1	W.C. pan with ISI marked white solid plastic seat and lid.	EA	1	4,398.30	4,398.30

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
45	18.10	Providing and fixing Stainless Steel AISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required:				
	18.10.2	Kitchen sink without drain board				
	18.10.2.2	610x460 mm bowl depth 200 mm.	EA	1	2,847.20	2,847.20
46	18.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	18.28.1	Semi rigid pipe				
	18.28.1.1	32 mm dia	EA	1	87.00	87.00
	18.28.1.2	40 mm dia	EA	1	93.90	93.90
	18.28.2	Flexible pipe				
	18.28.2.1	32 mm dia	EA	1	93.90	93.90
	18.28.2.2	40 mm dia	EA	1	100.90	100.90
47	18.82	Providing and fixing on wall face Unplasticised Rigid PVC rain water, soil, waste & vent pipes (working pressure 4Kg/cm2) conforming to IS:13592 Type-A, including jointing with seal ring conforming to IS:5382, leaving 10 mm gap for thermal expansion:				
	18.82.1	Single socketed pipes - 75 mm OD	M	13	158.30	2,057.90
	18.82.2	Single socketed pipes - 110 mm OD	M	19	268.50	5,101.50
48	18.84	Providing and fixing on wall face Unplasticised-PVC moulded fittings/ accessories for Un-plasticised Rigid PVC rain water, soil, waste & vent pipes conforming to IS:13592 Type A, including jointing with seal ring conforming to IS:5382, leaving 10 mm gap for thermal expansion :				
	18.84.1	Coupler				
	18.84.1.1	75 mm	EA	3	72.30	216.90
	18.84.1.2	110 mm	EA	4	123.60	494.40
	18.84.2	Single Push-fit Coupler				
	18.84.2.1	75 mm	EA	3	72.30	216.90
	18.84.2.2	110 mm	EA	3	114.30	342.90
	18.84.3	Single Tee without door				
	18.84.3.1	75 x 75 x 75 mm	EA	3	138.60	415.80
	18.84.3.2	110 x 110 x 110 mm	EA	3	224.40	673.20
	18.84.4	Single Tee with door				
	18.84.4.1	75 x 75 x 75 mm	EA	2	148.80	297.60
	18.84.4.2	110 x 110 x 110 mm	EA	4	231.20	924.80
	18.84.5	Bend 87.5 Degrees				
	18.84.5.1	75 mm	EA	3	77.60	232.80
	18.84.5.2	110 mm	EA	2	140.90	281.80
	18.84.6	Shoe (Plain)				
18.84.6.1	75 mm	EA	3	76.30	228.90	
18.84.6.2	110 mm	EA	2	118.00	236.00	

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
49	19.8	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.				
	19.8.1	15 mm nominal outer dia .Pipes.	M	1	370.40	370.40
	19.8.2	20 mm nominal outer dia .Pipes.	M	1	422.60	422.60
	19.8.3	25 mm nominal outer dia .Pipes.	M	1	467.10	467.10
	19.8.4	32 mm nominal outer dia .Pipes.	M	1	570.00	570.00
50	19.9	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.				
	19.9.1	15 mm nominal outer dia .Pipes.	M	0.5	160.70	80.35
	19.9.2	20 mm nominal outer dia .Pipes.	M	1	197.60	197.60
	19.9.3	25 mm nominal outer dia .Pipes.	M	1	239.20	239.20
	19.9.4	32 mm nominal outer dia .Pipes.	M	2	311.80	623.60
	19.9.5	40 mm nominal outer dia .Pipes.	M	3	418.90	1,256.70
	19.9.6	50 mm nominal outer dia .Pipes.	M	3	636.30	1,908.90
51	19.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.				
		Internal work - Exposed on wall.				
	19.10.1	15 mm dia. nominal bore	M	2.5	228.80	572.00
	19.10.2	20 mm dia. nominal bore	M	2.5	281.60	704.00
	19.10.3	25 mm dia. nominal bore	M	2.5	369.60	924.00
	19.10.4	32 mm dia. nominal bore	M	2.5	455.60	1,139.00
52	19.15	Providing and fixing brass bib cock of approved quality :				
	19.15.1	15 mm nominal bore	EA	1	299.20	299.20
	19.15.2	20 mm nominal bore	EA	1	341.00	341.00
53	19.18	Providing and fixing ball valve (brass) of approved quality complete :				
	19.18.1	15 mm nominal bore	EA	1	334.00	334.00
	19.18.2	20 mm nominal bore	EA	1	501.10	501.10
	19.18.3	25 mm nominal bore	EA	1	584.60	584.60
54	19.21	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	19.2.1	30 cm length				
	19.21.1.1	15 mm nominal bore	EA	1	82.00	82.00
	19.21.2.1	20 mm nominal bore	EA	1	93.00	93.00
	19.21.2	45 cm length				
	19.21.2.1	15 mm nominal bore	EA	1	96.10	96.10
	19.21.2.2	20 mm nominal bore	EA	1	125.40	125.40

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
55	19.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				
	19.49.1	15 mm nominal bore	EA	1	487.10	487.10
56	19.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
	19.50.1	15 mm nominal bore	EA	1	629.10	629.10
57	19.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	19.53.1	15 mm nominal bore	EA	1	548.40	548.40
58	20.5	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 sand:cement: 2 fine ) including testing of joints etc. complete				
	20.5.2	150 mm dia. R.C.C. Pipe	M	6	697.30	4,183.80
	20.5.4	300 mm dia. R.C.C. Pipe	M	6	1,193.60	7,161.60
	20.5.5	450 mm dia. R.C.C. Pipe	M	6	2,467.30	14,803.80
59	20.7	Supplying and fixing C.I cover without frame for manholes				
	20.7.2	500 mm C.I cover (medium duty) the weight of the cover to be not less than 58 kg.	EA	1	4,874.50	4,874.50
	20.7.3	560 mm C.I cover (Heavy duty) the weight of the cover to be not less than 108 kg.	EA	1	7,079.40	7,079.40
60	CPWD 1.1.18	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 the Engineer-in-Charge, beyond 50 m initial lead, for all leads including all lifts involved.	CUM.	11	219.35	2,412.85
61	PWD (R&B) M-1.24 1500	Providing and laying factory made chamfered edge Cement Concrete paver blocks of required strength, thickness & size/ shape, made by table vibratory method to attain superior smooth finish using PU or equivalent mould, laid in required grey colour & pattern over 50 mm thick compacted bed of sand, compacting and proper embedding / laying of interlocking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with fine sand and cutting of paver blocks as per required size in footpath, park, lawns, drive ways or light traffic parking etc. all complete as per specification & approval/ direction of the Engineer-in-charge.				
	a)	80 mm thick C.C I shaped paver block of M-35 grade with approved colour, design pattern.	Sqm	90	1,373.70	1,23,633.00
62	19.12	Providing and fixing G.I. pipes of medium class as per IS: 1239 with latest amendment complete with G.I. fittings including trenching and refilling etc. complete as per CPWD specification and direction of the Engineer-in-charge				

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	19.12.6	50 mm dia. nominal bore	M	24	557.10	13,370.40
	DWS SOR 2.10 A. ix	100 mm dia. nominal bore	M	24	1162.30	27,895.20
		<b>TOTAL =</b>				<b>24,16,302.85</b>
	<b>A</b>	TOTAL =				24,16,302.85
	<b>B</b>	ADD GST 18%				4,34,934.51
	<b>C</b>	<b>GRAND TOTAL =</b>				28,51,237.36
	<b>D</b>				<b>SAY =</b>	<b>28,51,237.00</b>
	<b>E</b>				<b>Quoted Percentage</b>	
	<b>F</b>				<b>Total (Rs)</b>	
	<b>G</b>				<b>Grand Total in Rs (E + F)</b>	

**Note** The bidder can quote their Quoted Percentage **on Plus Side or Minus Side or At Par**. At par means equals to the estimated cost.

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
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**[Group B] SCHEDULE OF RATES (SOR)**

**Maintenance & Restoring Works of Sanitary System In Khayerpur CNG Station AND  
Miscellaneous Civil Maintenance works i/c Painting works In Khayerpur CNG Stations.**

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	2.2	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	SQM.	714	3.60	2,570.40
2	2.13	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	CUM.	64	169.50	10,848.00
3	2.16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. - All kinds of soil	CUM.	12	120.30	1,443.60
4	2.17	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	CUM.	25	302.70	7,567.50
5	2.19	Supplying and filling in plinth, under floor, foundations etc. with sand (fine) from local quarry with all lifts including spreading in horizontal layers, watering, grading to required slope, ramming, consolidating and compacting each layer by using plate compactor or by any suitable method complete.	CUM.	10	887.50	8,875.00
6	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering -				
	4.1.5	1:3:6 ( 1 Cement: 3 fine sand : 6 graded stone aggregate 20 mm nominal size)	CUM.	12	9,872.10	1,18,465.20
7	4.4	Centering shuttering including struttings, propping etc. and removal of form work for:				
	4.4.1	Foundations, footings, bases for columns etc. for mass concrete with timber plank	SQM.	62	238.60	14,793.20
8	4.5	Providing and laying at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1 : 3 ( 1 cement : 3 fine sand) including the cost of required centering, shuttering and finishing smooth with 6 mm thick cement plaster 1:3 ( 1 cement : 3 fine sand) on exposed surface complete.				
	4.5.1	1:1.5:3 ( 1 cement: 1.5 fine sand : 3 graded stone aggregate 20mm nominal size).	CUM.	1.2	13,405.70	16,086.84

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
9	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-				
	5.1.2	1:1½:3 ( 1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	CUM.	14	10,974.60	1,53,644.40
10	5.19	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto floor five level.				
	5.19.4	Thermo-Mechanically Treated bars/ Cold twisted deformed steel bars	KG.	1750	78.20	1,36,850.00
11	6.2	Second class brick work in foundation and plinth including cost of all materials as required complete:-				
	6.2.3	In cement mortar 1:4 ( 1 cement : 4 fine sand ).	CUM.	3.65	7,856.80	28,677.32
12	6.11	Half brick masonry work with second class bricks in superstructure upto floor five level including cost of all materials as required complete:-				
	6.11.3	In cement mortar 1:4 ( 1 cement : 4 fine sand ).	SQM.	18	1,046.70	18,840.60
13	7.10	Providing and fixing stone slab with table rubbed, edges rounded and polished of size 75x50 cm deep and approved thickness fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 fine sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth including rubbing, curing etc. complete at all levels as required (measurement should be of exposed finished work):-				
	7.10.3	Granite of any colour and shade duly approved of 18 mm thick (75 x 50 cm).	SQM.	1	3,081.00	3,081.00
14	9.15	Steel work welded in built up section/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using steel etc. complete as required:-				
	9.15.2	In grating, frames, guard bar, railing, brackets, gates and similar works, all complete.	KG.	640	113.80	72,832.00
15	10.38A	Providing and fixing rectified glazed wall tiles 300 x 450 mm or more conforming to IS : 15622 - 2017 ( thickness to be specified by the manufacturer ) of approved make in all colours, shades 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 fine sand ) jointed with ordinary cement slurry including pointing with white cement mixed with pigment of matching shade complete.	SQM.	50	1,010.40	50,520.00

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
16	10.39	Providing and laying Ceramic glazed floor tiles in different sizes (thickness to be specified by the manufacturer) of 1st quality confirming to IS:15622 - 2017 of approved make in colours such as White, Ivory, Grey, Fume Red Brown laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigments etc. complete.				
	10.39.1	Anti-Skid Tiles				
	10.39.1.1	Ceramic Tiles 1st quality 300 x 300 mm in all shades and designs	SQM.	25	841.20	21,030.00
17	10.42	Providing and laying Vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 - 2017, 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.				
	10.42.2	Double Charged Stainfree vitrified tiles				
	10.42.2.1	Size of Tile 600x600 mm	SQM.	5	1,118.20	5,591.00
18	10.45	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 - 2017, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc.				
	10.45.2	Double Charged Stainfree vitrified tiles				
	10.45.2.1	Size of Tile 600x600 mm	SQM.	2	1,178.50	2,357.00
19	10.55	Providing and fixing precast chequered cement concrete tiles 18 mm thick, laid in footpath & courtyard, on 20 mm thick bed of cement mortar 1 : 4 ( 1 cement : 4 fine sand ) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete.	SQM.	6	573.60	3,441.60
20	12.1	12 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete.				
	12.1.2	In cement mortar 1 : 4 ( 1 cement : 4 fine sand )	SQM.	39	174.80	6,817.20
21	12.4	6 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete.				
	12.4.2	In cement mortar 1 : 4 ( 1 cement : 4 fine sand )	SQM.	12	136.90	1,642.80
22	12.5	Neat cement punning.	SQM.	12	45.10	541.20

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
23	12.24	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade [Payment shall be made after submission of Test Certificate issued by the Manufacturer]				
	12.24.1	New work ( two or more coats ), over and including water thinable priming coat with cement primer.	SQM.	61	95.70	5,837.70
24	12.30	Finishing walls with acrylic smooth exterior paint of required shade of approved brand and manufacture [Payment shall be made after submission of Test Certificate issued by the Manufacturer]				
	12.30.1	New work ( two or more coats applied @ 1.67 kg/10 sqm ) over and including base coat water proofing cement paint applied @ 2.20 kg/10 sqm	SQM.	44	119.40	5,253.60
25	12.48	Painting with synthetic enamel paint of approved brand and manufacture of required colour on new work to give an even shade				
	12.48.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint (primer) of approved brand and manufacture.	SQM.	8	119.70	957.60
26	13.35	Distempering with oil bound washable distemper of approved brand and manufacture and of required shade on old work ( one or more coats ), to give an even shade as required complete as per direction of the Engineer in charge.	SQM.	435	36.80	16,008.00
27	13.40	Finishing walls with acrylic smooth exterior paint of required shade of approved brand and manufacture on old work ( one or more coats ) including preparation of surface as required complete as per direction of the Engineer in charge.	SQM.	1050	59.70	62,685.00
28	13.52	Painting with synthetic enamel paint ( one or more coats ) of required colour of approved brand and manufacture on old work to give an even shade including preparation of surface as required complete as per direction of the Engineer in charge	SQM.	325	57.70	18,752.50
29	13.4	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of the Engineer-in-Charge.	EA	12	49.90	598.80
30	13.9	Dismantling W.C. pan of all sizes including disposal of dismantled materials including malba all complete as per the direction of the Engineer-in-Charge.	EA	4	53.40	213.60
31	13.10	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 meters lead) as per the direction of the Engineer-in-Charge.	M	23	2.10	48.30

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
32	13.31	Providing and applying cement slurry on old CC / RCC / Brick works in joints to receive new and fresh CC / RCC / Brick works including roughening and cleaning the old surface as required complete as per direction of the Engineer in charge.	SQM.	25	61.90	1,547.50
33	14.2	Demolishing cement concrete manually / by mechanical means including disposal of material with all lifts and upto 50 m lead etc. complete as per direction of the Engineer- in-charge:-				
	14.2.1	Nominal concrete 1 : 3 : 6 or richer mix. (i/c equivalent design mix)	CUM.	13	1,070.70	13,919.10
34	14.3	Demolishing reinforced cement concrete manually / by mechanical means including stacking of steel bars properly and disposal of unserviceable material with all lifts and upto 50 m lead etc. complete as per direction of the Engineer- in-charge.	CUM.	19	1,556.40	29,571.60
35	14.7	Demolishing brick work including stacking of serviceable materials and disposal of unserviceable materials with all lifts and upto a lead of 50m etc. complete as per direction of the Engineer- in-charge:-				
	14.7.3	In cement mortar.	CUM.	3.7	854.10	3,160.17
36	14.20	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 meters lead				
	14.20.1	For thickness of tiles 10 mm to 25 mm	SQM.	65	31.70	2,060.50
37	14.23	Dismantling old plaster or pointing, raking out joints, cleaning and preparing the surface for re-plastering or re-pointing including disposal of rubbish to the dumping ground with all leads and lifts etc.complete as per direction of the Engineer- in-charge.	SQM.	10	22.40	224.00
38	14.32	Dismantling of flushing cistern of all types(C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	EA	6	365.20	2,191.20

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
39	16.1	Providing and fixing aluminium work for doors, windows, ventilators, stair railing including hand rail 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, fixed with rawl 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. 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 drawing and the direction of Engineer-in-charge. (Glazing and paneling to be paid for separately) :-				
	16.1.1	For fixed portion of approved quality:-				
	16.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	KG.	1	400.20	400.20
	16.1.1.2	Powder coated aluminium ( minimum thickness of powder coating of 50 micron ).	KG.	2	433.30	866.60
	16.1.2	For shutters/ sliding shutters of doors, windows & ventilators including providing and fixing hinges / pivots / rollers and making provision for fixing fittings wherever required including the cost of PVC / neoprene gasket required of approved quality ( Fittings shall be paid for separately ):-				
	16.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	KG.	2	471.60	943.20
	16.1.2.2	Powder coated aluminium ( minimum thickness of powder coating of 50 micron ).	KG.	2	505.30	1,010.60
40	16.2	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 panelling fixed in aluminium doors, windows, shutters and partition frames with C.P. brass / stainless steel screws all complete as per architectural drawing and the direction of Engineer-in-charge :-				
	16.2.2	Prelaminated particle board of approved quality with decorative lamination on both side.	SQM.	0.5	1,309.90	654.95

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
41	16.3	Providing and fixing glazing of approved quality in aluminium doors, windows, ventilator, shutters and partition frames with PVC / neoprene gasket etc. complete as per architectural drawing and the direction of Engineer-in-charge :-				
	16.3.1	With glass/ float glass panes of 4.0 m thickness ( weight not less than 10.0 kg / sqm )	SQM.	0.5	1,058.20	529.10
	16.3.2	With glass/ float glass panes of 5.5 m thickness ( weight not less than 13.50 kg / sqm )	SQM.	0.5	1,285.20	642.60
42	16.4	Providing and fixing double action hydraulic floor spring of approved brand and manufacture ( conforming to IS : 6315 ) for aluminium doors including cost of cutting floors as required, embedding in floors and cover plates etc. complete as per direction of the Engineer-in-charge:-				
	16.4.1	With stainless steel cover plate minimum 1.25 mm thickness.	EA	1	2,391.40	2,391.40
43	16.8	Filling the gap in between aluminium frame and adjacent RCC / brick work by providing weather silicon sealant over backer rod of approved quality etc. complete as per architectural drawing and direction of the Engineer-in charge:- (i) Upto 5 mm depth and 5 mm width.	M	11	105.60	1,161.60
44	18.1	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. dual 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 :				
	18.1.1	White vitreous china orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	EA	1	4,634.90	4,634.90
45	18.2	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 :				
	18.2.1	W.C. pan with ISI marked white solid plastic seat and lid.	EA	3	4,398.30	13,194.90

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
46	18.10	Providing and fixing Stainless Steel AISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required:				
	18.10.2	Kitchen sink without drain board				
	18.10.2.2	610x460 mm bowl depth 200 mm.	EA	1	2,847.20	2,847.20
47	18.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	18.28.1	Semi rigid pipe				
	18.28.1.1	32 mm dia	EA	3	87.00	261.00
	18.28.1.2	40 mm dia	EA	3	93.90	281.70
	18.28.2	Flexible pipe				
	18.28.2.1	32 mm dia	EA	3	93.90	281.70
	18.28.2.2	40 mm dia	EA	3	100.90	302.70
48	18.82	Providing and fixing on wall face Unplasticised Rigid PVC rain water, soil, waste & vent pipes (working pressure 4Kg/cm <sup>2</sup> ) conforming to IS:13592 Type-A, including jointing with seal ring conforming to IS:5382, leaving 10 mm gap for thermal expansion:				
	18.82.1	Single socketed pipes - 75 mm OD	M	18	158.30	2,849.40
	18.82.2	Single socketed pipes - 110 mm OD	M	18	268.50	4,833.00
49	18.84	Providing and fixing on wall face Unplasticised-PVC moulded fittings/ accessories for Un-plasticised Rigid PVC rain water, soil, waste & vent pipes conforming to IS:13592 Type A, including jointing with seal ring conforming to IS:5382, leaving 10 mm gap for thermal expansion :				
	18.84.1	Coupler				
	18.84.1.1	75 mm	EA	3	72.30	216.90
	18.84.1.2	110 mm	EA	4	123.60	494.40
	18.84.2	Single Push-fit Coupler				
	18.84.2.1	75 mm	EA	3	72.30	216.90
	18.84.2.2	110 mm	EA	3	114.30	342.90
	18.84.3	Single Tee without door				
	18.84.3.1	75 x 75 x 75 mm	EA	3	138.60	415.80
	18.84.3.2	110 x 110 x 110 mm	EA	3	224.40	673.20
	18.84.4	Single Tee with door				
	18.84.4.1	75 x 75 x 75 mm	EA	4	148.80	595.20
	18.84.4.2	110 x 110 x 110 mm	EA	4	231.20	924.80
	18.84.5	Bend 87.5 Degrees				
	18.84.5.1	75 mm	EA	2	77.60	155.20
	18.84.5.2	110 mm	EA	2	140.90	281.80
	18.84.6	Shoe (Plain)				
18.84.6.1	75 mm	EA	2	76.30	152.60	
18.84.6.2	110 mm	EA	2	118.00	236.00	

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
50	19.8	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.				
	19.8.1	15 mm nominal outer dia .Pipes.	M	7	370.40	2,592.80
	19.8.2	20 mm nominal outer dia .Pipes.	M	7	422.60	2,958.20
	19.8.3	25 mm nominal outer dia .Pipes.	M	7	467.10	3,269.70
	19.8.4	32 mm nominal outer dia .Pipes.	M	7	570.00	3,990.00
51	19.9	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.				
	19.9.1	15 mm nominal outer dia .Pipes.	M	3.5	160.70	562.45
	19.9.2	20 mm nominal outer dia .Pipes.	M	5	197.60	988.00
	19.9.3	25 mm nominal outer dia .Pipes.	M	7	239.20	1,674.40
	19.9.4	32 mm nominal outer dia .Pipes.	M	11	311.80	3,429.80
	19.9.5	40 mm nominal outer dia .Pipes.	M	15	418.90	6,283.50
	19.9.6	50 mm nominal outer dia .Pipes.	M	15	636.30	9,544.50
52	19.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.				
		Internal work - Exposed on wall.				
	19.10.1	15 mm dia. nominal bore	M	15	228.80	3,432.00
	19.10.2	20 mm dia. nominal bore	M	15	281.60	4,224.00
	19.10.3	25 mm dia. nominal bore	M	15	369.60	5,544.00
	19.10.4	32 mm dia. nominal bore	M	15	455.60	6,834.00
53	19.15	Providing and fixing brass bib cock of approved quality :				
	19.15.1	15 mm nominal bore	EA	2	299.20	598.40
	19.15.2	20 mm nominal bore	EA	2	341.00	682.00
54	19.18	Providing and fixing ball valve (brass) of approved quality complete :				
	19.18.1	15 mm nominal bore	EA	1	334.00	334.00
	19.18.2	20 mm nominal bore	EA	1	501.10	501.10
	19.18.3	25 mm nominal bore	EA	1	584.60	584.60
55	19.21	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	19.21.1	30 cm length				
	19.21.1.1	15 mm nominal bore	EA	2	82.00	164.00
	19.21.2.1	20 mm nominal bore	EA	2	93.00	186.00
	19.21.2	45 cm length				
	19.21.2.1	15 mm nominal bore	EA	3	96.10	288.30
	19.21.2.2	20 mm nominal bore	EA	2	125.40	250.80

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
56	19.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				
	19.49.1	15 mm nominal bore	EA	2	487.10	974.20
57	19.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
	19.50.1	15 mm nominal bore	EA	2	629.10	1,258.20
58	19.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	19.53.1	15 mm nominal bore	EA	4	548.40	2,193.60
59	20.10	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with well burnt 2nd class bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.	EA	1	60,699.80	60,699.80
60	20.5	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 sand:cement: 2 fine ) including testing of joints etc. complete				
	20.5.2	150 mm dia. R.C.C. Pipe	M	6	697.30	4,183.80
	20.5.4	300 mm dia. R.C.C. Pipe	M	6	1,193.60	7,161.60
	20.5.5	450 mm dia. R.C.C. Pipe	M	6	2,467.30	14,803.80
61	20.7	Supplying and fixing C.I cover without frame for manholes				
	20.7.2	500 mm C.I cover (medium duty) the weight of the cover to be not less than 58 kg.	EA	1	4,874.50	4,874.50
	20.7.3	560 mm C.I cover (Heavy duty) the weight of the cover to be not less than 108 kg.	EA	1	7,079.40	7,079.40
62	CPWD 1.1.18	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 the Engineer-in-Charge, beyond 50 m initial lead, for all leads including all lifts involved.	CUM.	16	219.35	3,509.60
63	PWD (R&B) M-1.24 1500	Providing and laying factory made chamfered edge Cement Concrete paver blocks of required strength, thickness & size/ shape, made by table vibratory method to attain superior smooth finish using PU or equivalent mould, laid in required grey colour & pattern over 50 mm thick compacted bed of sand, compacting and proper embedding / laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with fine sand and cutting of paver blocks as per required size in footpath, park, lawns, drive ways or light traffic parking etc. all complete as per specification & approval/ direction of the Engineer-in-charge.				
	a)	80 mm thick C.I shaped paver block of M-35 grade with approved colour, design pattern.	Sqm	90	1,373.70	1,23,633.00

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		<b>TOTAL =</b>				<b>11,81,625.53</b>
	<b>A</b>	TOTAL =				11,81,625.53
	<b>B</b>	ADD GST 18%				2,12,692.60
	<b>C</b>	<b>GRAND TOTAL =</b>				<b>13,94,318.13</b>
	<b>D</b>				<b>SAY =</b>	<b>13,94,318.00</b>
	<b>E</b>				<b>Quoted Percentage on D</b>	
	<b>F</b>				<b>Total (Rs)</b>	
	<b>G</b>				<b>Grand Total in Rs (E + F)</b>	

**Note** The bidder can quote their Quoted Percentage **on Plus Side or Minus Side or At Par**. At par means equals to the estimated cost.

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTI TY	RATE	AMOUNT
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**[Group C] SCHEDULE OF RATES (SOR)**

**Miscellaneous Civil Maintenance & Repair works i/c Painting works In Khowai, Teliamura, TRTC  
Krishnanagar & Bramhabari CNG Stations.**

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	2.2	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	SQM.	290	3.60	1,044.00
2	2.13	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	CUM.	27	169.50	4,576.50
3	2.16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. - All kinds of soil	CUM.	6	120.30	721.80
4	2.17	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	CUM.	10	302.70	3,027.00
5	2.19	Supplying and filling in plinth, under floor, foundations etc. with sand (fine) from local quarry with all lifts including spreading in horizontal layers, watering, grading to required slope, ramming, consolidating and compacting each layer by using plate compactor or by any suitable method complete.	CUM.	4	887.50	3,550.00
6	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering -				
	4.1.5	1:3:6 ( 1 Cement: 3 fine sand : 6 graded stone aggregate 20 mm nominal size)	CUM.	6	9,872.10	59,232.60
7	4.4	Centering shuttering including struttings, propping etc. and removal of form work for:				
	4.4.1	Foundations, footings, bases for columns etc. for mass concrete with timber plank	SQM.	27	238.60	6,442.20
8	4.5	Providing and laying at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1 : 3 ( 1 cement : 3 fine sand) including the cost of required centering, shuttering and finishing smooth with 6 mm thick cement plaster 1:3 ( 1 cement : 3 fine sand) on exposed surface complete.				
	4.5.1	1:1.5:3 ( 1 cement: 1.5 fine sand : 3 graded stone aggregate 20mm nominal size).	CUM.	1	13,405.70	13,405.70

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
9	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-				
	5.1.2	1:1½:3 ( 1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	CUM.	8.5	10,974.60	93,284.10
10	5.19	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto floor five level.				
	5.19.4	Thermo-Mechanically Treated bars/ Cold twisted deformed steel bars	KG.	1060	78.20	82,892.00
11	6.2	Second class brick work in foundation and plinth including cost of all materials as required complete:-				
	6.2.3	In cement mortar 1:4 ( 1 cement : 4 fine sand ).	CUM.	2	7,856.80	15,713.60
12	6.11	Half brick masonry work with second class bricks in superstructure upto floor five level including cost of all materials as required complete:-				
	6.11.3	In cement mortar 1:4 ( 1 cement : 4 fine sand ).	SQM.	10	1,046.70	10,467.00
13	9.15	Steel work welded in built up section/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using steel etc. complete as required:-				
	9.15.2	In grating, frames, guard bar, railing, brackets, gates and similar works, all complete.	KG.	220	113.80	25,036.00
14	10.55	Providing and fixing precast chequered cement concrete tiles 18 mm thick, laid in footpath & courtyard, on 20 mm thick bed of cement mortar 1 : 4 ( 1 cement : 4 fine sand ) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete.	SQM.	6	573.60	3,441.60
15	12.1	12 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete.				
	12.1.2	In cement mortar 1 : 4 ( 1 cement : 4 fine sand )	SQM.	18	174.80	3,146.40
16	12.4	6 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete.				
	12.4.2	In cement mortar 1 : 4 ( 1 cement : 4 fine sand )	SQM.	6	136.90	821.40
17	12.5	Neat cement punning.	SQM.	6	45.10	270.60
18	12.24	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade [Payment shall be made after submission of Test Certificate issued by the Manufacturer]				
	12.24.1	New work ( two or more coats ), over and including water thinable priming coat with cement primer.	SQM.	28	95.70	2,679.60

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
19	12.30	Finishing walls with acrylic smooth exterior paint of required shade of approved brand and manufacture [Payment shall be made after submission of Test Certificate issued by the Manufacturer]				
	12.30.1	New work ( two or more coats applied @ 1.67 kg/10 sqm ) over and including base coat water proofing cement paint applied @ 2.20 kg/10 sqm	SQM.	20	119.40	2,388.00
20	12.48	Painting with synthetic enamel paint of approved brand and manufacture of required colour on new work to give an even shade				
	12.48.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint (primer) of approved brand and manufacture.	SQM.	20	119.70	2,394.00
21	13.35	Distempering with oil bound washable distemper of approved brand and manufacture and of required shade on old work ( one or more coats ), to give an even shade as required complete as per direction of the Engineer in charge.	SQM.	1145	36.80	42,136.00
22	13.40	Finishing walls with acrylic smooth exterior paint of required shade of approved brand and manufacture on old work ( one or more coats ) including preparation of surface as required complete as per direction of the Engineer in charge.	SQM.	2740	59.70	1,63,578.00
23	13.52	Painting with synthetic enamel paint ( one or more coats ) of required colour of approved brand and manufacture on old work to give an even shade including preparation of surface as required complete as per direction of the Engineer in charge	SQM.	860	57.70	49,622.00
24	13.4	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of the Engineer-in-Charge.	EA	6	49.90	299.40
25	13.9	Dismantling W.C. pan of all sizes including disposal of dismantled materials including malba all complete as per the direction of the Engineer-in-Charge.	EA	3	53.40	160.20
26	13.10	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 meters lead) as per the direction of the Engineer-in-Charge.	M	11	2.10	23.10
27	13.31	Providing and applying cement slurry on old CC / RCC / Brick works in joints to receive new and fresh CC / RCC / Brick works including roughening and cleaning the old surface as required complete as per direction of the Engineer in charge.	SQM.	11	61.90	680.90

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
28	14.2	Demolishing cement concrete manually / by mechanical means including disposal of material with all lifts and upto 50 m lead etc. complete as per direction of the Engineer- in-charge:-				
	14.2.1	Nominal concrete 1 : 3 : 6 or richer mix. (i/c equivalent design mix)	CUM.	5	1,070.70	5,353.50
29	14.3	Demolishing reinforced cement concrete manually / by mechanical means including stacking of steel bars properly and disposal of unserviceable material with all lifts and upto 50 m lead etc. complete as per direction of the Engineer- in-charge.	CUM.	7	1,556.40	10,894.80
30	14.7	Demolishing brick work including stacking of serviceable materials and disposal of unserviceable materials with all lifts and upto a lead of 50m etc. complete as per direction of the Engineer- in-charge:-				
	14.7.3	In cement mortar.	CUM.	2	854.10	1,708.20
31	14.20	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 meters lead				
	14.20.1	For thickness of tiles 10 mm to 25 mm	SQM.	20	31.70	634.00
32	14.23	Dismantling old plaster or pointing, raking out joints, cleaning and preparing the surface for re-plastering or re-pointing including disposal of rubbish to the dumping ground with all leads and lifts etc.complete as per direction of the Engineer- in-charge.	SQM.	30	22.40	672.00
33	14.32	Dismantling of flushing cistern of all types(C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	EA	1	365.20	365.20
34	16.1	Providing and fixing aluminium work for doors, windows, ventilators, stair railing including hand rail 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, fixed with rawl 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. 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 drawing and the direction of Engineer-in-charge. (Glazing and paneling to be paid for separately) :-				
	16.1.1	For fixed portion of approved quality:-				

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	16.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	KG.	3	400.20	1,200.60
	16.1.1.2	Powder coated aluminium ( minimum thickness of powder coating of 50 micron ).	KG.	3	433.30	1,299.90
	16.1.2	For shutters/ sliding shutters of doors, windows & ventilators including providing and fixing hinges / pivots / rollers and making provision for fixing fittings wherever required including the cost of PVC / neoprene gasket required of approved quality ( Fittings shall be paid for separately ):-				
	16.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	KG.	5	471.60	2,358.00
	16.1.2.2	Powder coated aluminium ( minimum thickness of powder coating of 50 micron ).	KG.	5	505.30	2,526.50
35	16.2	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 panelling fixed in aluminium doors, windows, shutters and partition frames with C.P. brass / stainless steel screws all complete as per architectural drawing and the direction of Engineer-in-charge :-				
	16.2.2	Prelaminated particle board of approved quality with decorative lamination on both side.	SQM.	3	1,309.90	3,929.70
36	16.3	Providing and fixing glazing of approved quality in aluminium doors, windows, ventilator, shutters and partition frames with PVC / neoprene gasket etc. complete as per architectural drawing and the direction of Engineer-in-charge :-				
	16.3.1	With glass/ float glass panes of 4.0 m thickness ( weight not less than 10.0 kg / sqm )	SQM.	3	1,058.20	3,174.60
	16.3.2	With glass/ float glass panes of 5.5 m thickness ( weight not less than 13.50 kg / sqm )	SQM.	3	1,285.20	3,855.60
37	16.4	Providing and fixing double action hydraulic floor spring of approved brand and manufacture ( conforming to IS : 6315 ) for aluminium doors including cost of cutting floors as required, embedding in floors and cover plates etc. complete as per direction of the Engineer-in-charge:-				
	16.4.1	With stainless steel cover plate minimum 1.25 mm thickness.	EA	1	2,391.40	2,391.40

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
38	16.8	Filling the gap in between aluminium frame and adjacent RCC / brick work by providing weather silicon sealant over backer rod of approved quality etc. complete as per architectural drawing and direction of the Engineer-in charge:- (i) Upto 5 mm depth and 5 mm width.	M	31	105.60	3,273.60
39	18.1	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. dual 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 :				
	18.1.1	White vitreous china orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	EA	1	4,634.90	4,634.90
40	18.2	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 :				
	18.2.1	W.C. pan with ISI marked white solid plastic seat and lid.	EA	1	4,398.30	4,398.30
41	18.10	Providing and fixing Stainless Steel AISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required:				
	18.10.2	Kitchen sink without drain board				
	18.10.2.2	610x460 mm bowl depth 200 mm.	EA	1	2,847.20	2,847.20
42	18.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	18.28.1	Semi rigid pipe				
	18.28.1.1	32 mm dia	EA	1	87.00	87.00
	18.28.1.2	40 mm dia	EA	1	93.90	93.90
	18.28.2	Flexible pipe				
	18.28.2.1	32 mm dia	EA	1	93.90	93.90
18.28.2.2	40 mm dia	EA	1	100.90	100.90	
43	18.82	Providing and fixing on wall face Unplasticised Rigid PVC rain water, soil, waste & vent pipes (working pressure 4Kg/cm <sup>2</sup> ) conforming to IS:13592 Type-A, including jointing with seal ring conforming to IS:5382, leaving 10 mm gap for thermal expansion:				
	18.82.1	Single socketed pipes - 75 mm OD	M	8	158.30	1,266.40
	18.82.2	Single socketed pipes - 110 mm OD	M	8	268.50	2,148.00

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
44	18.84	Providing and fixing on wall face Unplasticised-PVC moulded fittings/ accessories for Un-plasticised Rigid PVC rain water, soil, waste & vent pipes conforming to IS:13592 Type A, including jointing with seal ring conforming to IS:5382, leaving 10 mm gap for thermal expansion :				
	18.84.1	Coupler				
	18.84.1.1	75 mm	EA	2	72.30	144.60
	18.84.1.2	110 mm	EA	2	123.60	247.20
	18.84.2	Single Push-fit Coupler				
	18.84.2.1	75 mm	EA	2	72.30	144.60
	18.84.2.2	110 mm	EA	2	114.30	228.60
	18.84.3	Single Tee without door				
	18.84.3.1	75 x 75 x 75 mm	EA	2	138.60	277.20
	18.84.3.2	110 x 110 x 110 mm	EA	2	224.40	448.80
	18.84.4	Single Tee with door				
	18.84.4.1	75 x 75 x 75 mm	EA	2	148.80	297.60
	18.84.4.2	110 x 110 x 110 mm	EA	2	231.20	462.40
	18.84.5	Bend 87.5 Degrees				
	18.84.5.1	75 mm	EA	1	77.60	77.60
	18.84.5.2	110 mm	EA	1	140.90	140.90
	18.84.6	Shoe (Plain)				
	18.84.6.1	75 mm	EA	1	76.30	76.30
18.84.6.2	110 mm	EA	1	118.00	118.00	
45	19.8	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.				
	19.8.1	15 mm nominal outer dia .Pipes.	M	4	370.40	1,481.60
	19.8.2	20 mm nominal outer dia .Pipes.	M	4	422.60	1,690.40
	19.8.3	25 mm nominal outer dia .Pipes.	M	4	467.10	1,868.40
19.8.4	32 mm nominal outer dia .Pipes.	M	4	570.00	2,280.00	
46	19.9	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.				
	19.9.1	15 mm nominal outer dia .Pipes.	M	2	160.70	321.40
	19.9.2	20 mm nominal outer dia .Pipes.	M	3	197.60	592.80
	19.9.3	25 mm nominal outer dia .Pipes.	M	4	239.20	956.80
	19.9.4	32 mm nominal outer dia .Pipes.	M	5	311.80	1,559.00
	19.9.5	40 mm nominal outer dia .Pipes.	M	6	418.90	2,513.40
	19.9.6	50 mm nominal outer dia .Pipes.	M	6	636.30	3,817.80

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
47	19.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.				
		Internal work - Exposed on wall.				
	19.10.1	15 mm dia. nominal bore	M	6.5	228.80	1,487.20
	19.10.2	20 mm dia. nominal bore	M	6.5	281.60	1,830.40
	19.10.3	25 mm dia. nominal bore	M	6.5	369.60	2,402.40
	19.10.4	32 mm dia. nominal bore	M	6.5	455.60	2,961.40
48	19.15	Providing and fixing brass bib cock of approved quality :				
	19.15.1	15 mm nominal bore	EA	2	299.20	598.40
	19.15.2	20 mm nominal bore	EA	1	341.00	341.00
49	19.18	Providing and fixing ball valve (brass) of approved quality complete :				
	19.18.1	15 mm nominal bore	EA	1	334.00	334.00
	19.18.2	20 mm nominal bore	EA	1	501.10	501.10
	19.18.3	25 mm nominal bore	EA	1	584.60	584.60
50	19.21	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	19.2.1	30 cm length				
	19.21.1.1	15 mm nominal bore	EA	2	82.00	164.00
	19.21.2.1	20 mm nominal bore	EA	1	93.00	93.00
	19.21.2	45 cm length				
	19.21.2.1	15 mm nominal bore	EA	2	96.10	192.20
	19.21.2.2	20 mm nominal bore	EA	1	125.40	125.40
51	19.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				
	19.49.1	15 mm nominal bore	EA	2	487.10	974.20
52	19.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
	19.50.1	15 mm nominal bore	EA	2	629.10	1,258.20
53	19.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	19.53.1	15 mm nominal bore	EA	4	548.40	2,193.60
54	20.5	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 sand:cement: 2 fine ) including testing of joints etc. complete				
	20.5.2	150 mm dia. R.C.C. Pipe	M	6	697.30	4,183.80
	20.5.4	300 mm dia. R.C.C. Pipe	M	6	1,193.60	7,161.60
	20.5.5	450 mm dia. R.C.C. Pipe	M	6	2,467.30	14,803.80
55	20.7	Supplying and fixing C.I cover without frame for manholes				
	20.7.2	500 mm C.I cover (medium duty) the weight of the cover to be not less than 58 kg.	EA	1	4,874.50	4,874.50
	20.7.3	560 mm C.I cover (Heavy duty) the weight of the cover to be not less than 108 kg.	EA	1	7,079.40	7,079.40

SI No.	PWD SOR 2020	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
56	CPWD 1.1.18	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 the Engineer-in-Charge, beyond 50 m initial lead, for all leads including all lifts involved.	CUM.	13	219.35	2,851.55
57	PWD (R&B) M-1.24 1500	Providing and laying factory made chamfered edge Cement Concrete paver blocks of required strength, thickness & size/ shape, made by table vibratory method to attain superior smooth finish using PU or equivalent mould, laid in required grey colour & pattern over 50 mm thick compacted bed of sand, compacting and proper embedding / laying of interlocking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with fine sand and cutting of paver blocks as per required size in footpath, park, lawns, drive ways or light traffic parking etc. all complete as per specification & approval/ direction of the Engineer-in-charge.				
	a)	80 mm thick C.C I shaped paver block of M-35 grade with approved colour, design pattern.	Sqm	40	1,373.70	54,948.00
		<b>TOTAL =</b>				<b>7,82,030.95</b>
	<b>A</b>	TOTAL =				7,82,030.95
	<b>B</b>	ADD GST 18%				1,40,765.57
	<b>C</b>	<b>GRAND TOTAL =</b>				<b>9,22,796.52</b>
	<b>D</b>				<b>SAY =</b>	<b>9,22,797.00</b>
	<b>E</b>				<b>Quoted Percentage on D</b>	
	<b>F</b>				<b>Total (Rs)</b>	
	<b>G</b>				<b>Grand Total in Rs (E + F)</b>	

**Note** The bidder can quote their Quoted Percentage **on Plus Side or Minus Side or At Par**. At par means equals to the estimated cost.