

Government eProcurement System Created By: Shobhit Krishna Created Date/Time: 08-Feb-2024 01:09 PM Tender Title: Repairing of sewerage line, septic tanks, manholes etc. in AAI residential colony and repairing and painting of city side buildings (Operational office, Tech. building cum ATC Tower, MT section etc.) at M.P. Airport, Udaipur Tender ID: 2023_AAI_178993_1						
Tender Inviting Authority: Sr. Manager(Engg.-Civil), AAI, M.P. Airport, Udaipur						
Name of Work: Repairing of sewerage line, septic tanks, manholes etc. in AAI residential colony and repairing and painting of city side buildings						
Contract No: AAI/UDR/SM(E-C)/W-141/23-24/						
SCHEDULE OF WORK / ITEM(S)						
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Lok Shail Enterprises(GSTN-08ACXPK9891L1ZA)	
					Rate	Amount
1.00	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work.	475.00	Sqm	0.00	58.00	27550.00
2.00	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm).	4465.00	Sqm	0.00	72.00	321480.00
3.00	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works.	1227.00	Sqm	0.00	40.00	49080.00
4.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	1227.00	Sqm	0.00	60.00	73620.00
5.00	Providing and applying white cement based putty (J.K. Birla White or equivalent) of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	4970.00	Sqm	0.00	72.00	357840.00
6.00	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. One coat.	17041.00	Sqm	0.00	40.00	681640.00

L1 Amount	L1 Vendor
27550.00	Lok Shail Enterprises
321480.00	Lok Shail Enterprises
49080.00	Lok Shail Enterprises
73620.00	Lok Shail Enterprises
357840.00	Lok Shail Enterprises
681640.00	Lok Shail Enterprises

7.00	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats	4260.00	Sqm	0.00	60.00	255600.00
8.00	Distempering with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade : Old work (one or more coats)	1901.00	Sqm	0.00	40.00	76040.00
9.00	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	8971.00	Sqm	0.00	5.00	44855.00
10.00	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	1106.00	Sqm	0.00	51.00	56406.00
11.00	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1cement: 4 coarse sand).	230.00	Sqm	0.00	300.00	69000.00
12.00	Carriage of materials by Mechanical Transport including loading,unloading and stacking lead upto 3 km. Earth	603.00	Cum	0.00	72.00	43416.00
13.00	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge. All kinds of soil	754.00	Cum	0.00	127.00	95758.00

255600.00	Lok Shail Enterprises
76040.00	Lok Shail Enterprises
44855.00	Lok Shail Enterprises
56406.00	Lok Shail Enterprises
69000.00	Lok Shail Enterprises
43416.00	Lok Shail Enterprises
95758.00	Lok Shail Enterprises

14.00	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.	200.00	Metre	0.00	127.00	25400.00
15.00	Extra for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 1.5 m, but not exceeding 3 m. (Rate is over corresponding basic item for depth upto 1.5 metre).	50.00	Metre	0.00	100.00	5000.00
16.00	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.	151.00	Cum	0.00	70.00	10570.00
17.00	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.All kinds of soil	296.00	Cum	0.00	50.00	14800.00
18.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	93.00	Cum	0.00	4400.00	409200.00
19.00	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size de rived from natural sources)	31.00	Cum	0.00	5500.00	170500.00
20.00	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete.	13.00	Sqm	0.00	400.00	5200.00

25400.00	Lok Shail Enterprises
5000.00	Lok Shail Enterprises
10570.00	Lok Shail Enterprises
14800.00	Lok Shail Enterprises
409200.00	Lok Shail Enterprises
170500.00	Lok Shail Enterprises
5200.00	Lok Shail Enterprises

21.00	Centering and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	154.00	Sqm	0.00	550.00	84700.00
22.00	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform.	39.00	Sqm	0.00	500.00	19500.00
23.00	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	2.00	Sqm	0.00	500.00	1000.00
24.00	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	22.00	Sqm	0.00	500.00	11000.00
25.00	Centering and shuttering including strutting, propping etc. and removal of form Edges of slabs and breaks in floors and walls Under 20 cm wide	29.00	Mtr.	0.00	100.00	2900.00
26.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	4650.00	Kg.	0.00	80.00	372000.00
27.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	5.00	Cum	0.00	7000.00	35000.00
28.00	40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand) with joints finished flush. Red sand stone.	20.00	Sqm	0.00	1200.00	24000.00
29.00	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	20.00	Sqm	0.00	500.00	10000.00
30.00	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	312.00	Mtr.	0.00	350.00	109200.00

84700.00	Lok Shail Enterprises
19500.00	Lok Shail Enterprises
1000.00	Lok Shail Enterprises
11000.00	Lok Shail Enterprises
2900.00	Lok Shail Enterprises
372000.00	Lok Shail Enterprises
35000.00	Lok Shail Enterprises
24000.00	Lok Shail Enterprises
10000.00	Lok Shail Enterprises
109200.00	Lok Shail Enterprises

31.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° 110 mm bend.	144.00	Each	0.00	150.00	21600.00
32.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Shoe (Plain) 110 mm bend.	54.00	Each	0.00	120.00	6480.00
33.00	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)	100.00	Sqm	0.00	250.00	25000.00
34.00	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	319.00	Sqm	0.00	221.00	70499.00
35.00	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	4.00	Cum	0.00	1000.00	4000.00
36.00	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar.	4.00	Cum	0.00	500.00	2000.00
37.00	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead : 100 mm dia pipe.	312.00	Mtr.	0.00	50.00	15600.00
38.00	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : bituminous road.	20.00	Sqm	0.00	200.00	4000.00
39.00	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	49.00	Cum	0.00	4500.00	220500.00

21600.00	Lok Shail Enterprises
6480.00	Lok Shail Enterprises
25000.00	Lok Shail Enterprises
70499.00	Lok Shail Enterprises
4000.00	Lok Shail Enterprises
2000.00	Lok Shail Enterprises
15600.00	Lok Shail Enterprises
4000.00	Lok Shail Enterprises
220500.00	Lok Shail Enterprises

40.00	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	580.00	Sqm	0.00	527.00	305660.00
41.00	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tipper to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-II (size range 53 mm to 0.075 mm) having CBR Value-25	113.00	Cum	0.00	1800.00	203400.00
42.00	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	30.00	Sqm	0.00	60.00	1800.00
43.00	Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Old CC paver blocks shall be supplied by the department free of cost).	30.00	Sqm	0.00	80.00	2400.00

305660.00	Lok Shail Enterprises
203400.00	Lok Shail Enterprises
1800.00	Lok Shail Enterprises
2400.00	Lok Shail Enterprises

44.00	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design. Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	8.00	Each	0.00	9000.00	72000.00
45.00	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design. Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Each	0.00	25000.00	50000.00
46.00	Extra for depth for manholes : Size 90x80 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	8.00	Metre	0.00	500.00	4000.00

72000.00	Lok Shail Enterprises
50000.00	Lok Shail Enterprises
4000.00	Lok Shail Enterprises

47.00	Extra for depth for manholes : Size 120x90 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Metre	0.00	1500.00	3000.00
48.00	Constructing brick masonry circular manhole 1.52 m internal dia at bottom and 0.56 m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand) inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design : (a) 2.30 m deep with SFRC Cover and frame (heavy duty HD20 grade designation) 560 mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182 kg. fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and 12 mm thick cement plaster at the external surface shall be paid for separately) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5.	6.00	Each	0.00	30000.00	180000.00
49.00	Extra depth for circular type manhole 1.52 m internal dia (at bottom) beyond 2.30 m : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	6.00	Metre	0.00	1000.00	6000.00
50.00	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design : With 20x20 mm square bar	50.00	Each	0.00	300.00	15000.00

3000.00	Lok Shail Enterprises
180000.00	Lok Shail Enterprises
6000.00	Lok Shail Enterprises
15000.00	Lok Shail Enterprises

51.00	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete : For pipes 100 to 250 mm diameter	6.00	Each	0.00	1000.00	6000.00
52.00	Dismantling of manhole including R.C.C. top slab, C.I. cover with frame, including stacking of useful materials near the site and disposal of unserviceable materials within 50 m lead as per direction of Engineer-in-charge: Rectangular manhole 90x80 cm and 45 cm deep	3.00	Each	0.00	500.00	1500.00
53.00	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Each	0.00	20000.00	40000.00
54.00	Providing, laying and jointing unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC SWR pipe conforming to IS : 13592 Type A, of approved brand, including testing of joints etc. complete : 160 mm pipe	160.00	Metre	0.00	600.00	96000.00
55.00	Providing, laying and jointing unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC SWR pipe conforming to IS : 13592 Type A, of approved brand, including testing of joints etc. complete: 110 mm pipe	40.00	Metre	0.00	350.00	14000.00
56.00	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of unplasticised Rigid PVC SWR pipes including bed concrete as per standard design : 110 mm diameter unplasticised Rigid PVC SWR pipe	40.00	Metre	0.00	750.00	30000.00

6000.00	Lok Shail Enterprises
1500.00	Lok Shail Enterprises
40000.00	Lok Shail Enterprises
96000.00	Lok Shail Enterprises
14000.00	Lok Shail Enterprises
30000.00	Lok Shail Enterprises

57.00	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of unplasticised Rigid PVC SWR pipes including bed concrete as per standard design :160 mm diameter unplasticised Rigid PVC SWR pipe	160.00	Metre	0.00	850.00	136000.00
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136000.00	Lok Shail Enterprises
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Total in Figures

4998694.00

Lowest Amount Quoted BY: Lok Shail Enterprises(4998694.00)