

<b>SUMMARY SHEET</b>		
<b>ESTIMATE FOR CONSERVATION WORK OF KAMANIYA GATE</b>		
	<b>PHASE -I</b>	<b>TOTAL</b>
1	<b>CONSERVATION WORK</b> (Conservation of Kamaniya Gate )	<b>25,45,042.75</b>
	<b>TOTAL PHASE-I</b>	<b>25,45,042.75</b>
	CONTENGENCIES @ 5%	1,27,252.14
	<b>GRAND TOTAL</b>	<b>26,72,294.89</b>

SUMMARY OF COST		
ESTIMATE FOR CONSERVATION WORK OF KAMANIYA GATE		
Phase -1		
S.NO	DESCRIPTION	AMOUNT (IN RS.)
<b>A</b>	<b>Conservation Works (KAMANIYA GATE )</b>	
1	Removal and Dimentalling Works	1,20,026.99
2	Traditional Massonry Work	1,19,770.00
3	Consolidation Work	58,500.00
4	Traditional Roofing and Water proofing works	2,00,845.26
5	New Door Window Works	1,34,212.50
6	Flooring and Plinth Protection Work	1,20,720.00
7	Finishing Works Including Plaster, stucco and Lime Kara	11,60,335.00
8	Misc.Work Including Parapet /chajja/Conduiting/Watch works	5,36,187.00
9	Scaffolding and support frame work	94,446.00
	<b>TOTAL (A)</b>	<b>25,45,042.75</b>
<b>B</b>	<b>CONTINGENCY @ 5%</b>	1,27,252.14
	<b>GRAND TOTAL</b>	<b>26,72,294.89</b>

**Estimate for Conservation Works of Kamaniya Gate, Jabalpur**

**NOTES:**

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| 1 | All Item of works are considered inclusive of all leads and lift for all height and distances .   |
| 2 | All Item of works are considered inclusive of scaffolding /shuttering /support structure/electricity and water etc as required / instructed by Site Engineer /Consultants . |

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
<b>1.0</b>		<b>REMOVAL &amp; DISMANTLING</b>				
<b>1.1</b>	MP UADD SOR 15.2.1	Demolishing cement concrete( below any finishing layer sand stone/ basalt stone / ceramic /vinayal flooring) ,steps,blockadge manually including disposal of material within 50 mtr lead as per direction of Engineer - in charge. 15.2.1 1:3:6 or richer mix	7	CUM	427.50	2,992.50
<b>1.2</b>	MP UADD SOR 15.7.4	Demolishing moduler/ lakhori/traditional (of any brick size) brick work manually in lime /cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead 15.7.4 In cement mortar	31	CUM	360.90	11,187.90
<b>1.3</b>	MP UADD SOR 15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	6	CUM	624.60	3,747.60
<b>1.4</b>	MP UADD SOR 15.5	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer in- charge.	23	SQM	200.25	4,605.75
<b>1.5</b>	Non Schd 1	Carefully scrapping and removing of multiple layers of white wash enamel paint , distemper, oil paint, algae, etc. from plain plaster and surfaces gently with care to keep old designs intact .as per prescribed process and specification . Item includes cost of safety measure /use of specified equipment for workers required to complete the work.(Overall length and width will be measured for the purpose of payment)	<b>60</b>	SQM	110	6,600.00

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
1.6	Non Schd 2	Careful dismantling of old lime plaster/cement plaster from walls of the heritage structure without damaging the stone work/brick work /historic fabric of the building including raking out of joints and cleaning the surface thoroughly. Item includes cost of safety measure /use of specified equipment for workers required to complete the work and disposal of rubbish to the dumping ground within the site by manual means including all leads, lifts and carriage as per direction of Consultants /engineer inchrge.(Overall length and width will be measured for the purpose of payment)	275	SQM	161	44,275.00
1.7	UADD SOR 2014 15.13	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead.				
	15.13.1	Of area 3 sq. metres and below	3	EACH	24.30	72.90
1.8	JOB WORK	Removal of all Electrical wire , nails,screw ,additional clamps on wall , casing /exposed pvc conduits , additional clamps on chajja ,electrical fixtures,light arrester ,lights ,boxes ,cartoon , bench ,drum, plumbing (internal & external)taps ,G.I. pipes, etc. from the site and stacking serviceable materials and disposal of unserviceable materials , as directed by Engineer inchrge/ Consultants , and including all leads, lifts and carriage. All complete. Item includes cost of safety measure /use of specified equipment for workers required to complete the work.	1	JOB WORK	161	161.00
1.9	Non Schd. 54	De-vegetation from the monuments by chemical injection of Round Up (arsenic base) compound and subsequently uprooting by physical means without damaging the historic fabric and structure of the building under strict supervision of conservation architect/site-in-charge.	4	SQM	633	2,532.00
1.10	MP UADD SOR 15.18 (MOD)	Dismantling steel work in built up sections of Structural steel (I Sections) / railings /steps/grills/sheds/poles etc in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within any lead.at all heights inclusive of all leads/ lifts and support structure required to undertake the work without damaging the historic fabric of the building .	158	KG	0.90	142.20
2.0		<b>MALBA REMOVAL</b>				

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
2.1	NON SOR-74 ( Derived by mp sor 2014)	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground(upto 15 km ) or as approved by Engineer-in-charge, beyond 100 m initial lead, for all leads including all lifts involved. The rates will be applicable to net quantities after deduction of prescribed percentage for voids mentioned in the specification under subhead "Carriage of materials".	133	CUM	305.18	40,588.94
3.0		<b>ROOF DISMANTLING</b>				
3.1	MP UADD SOR 15.1	Demolishing lime concrete manually/by mechanical means and disposal of material within 50 meters lead as per direction of Engineer in charge.	5	CUM	149.40	747.00
3.2	MP UADD SOR 15.26	Demolishing brick tile covering(Note- brick tile on edge and vaulted ) intertracing including stacking of serviceable material and disposal of unserviceable material within 50 meters lead.	34	SQM	18.00	612.00
3.3	MP UADD SOR 15.27	Demolishing mud phaska in terracing and disposal of material within 50 meters lead.	11	CUM	160.20	1,762.20
4.0		<b>MASONRY WORK</b>				
4.1		Traditional brick masonry with special brick size in lime mortar in proportion similar to the existing traditional lime mortar (lime putty -surkhi 1:2) after removing the damaged and out of plumb masonry from the historic structure, as directed by Engineer incharge/ Consultants , and including all leads, lifts and carriage. All complete.				
	NON Schd-5	Brick work for superstructure for all heights	7	CUM	7020	49,140.00
	NON Schd-6	Brickwork in ornamental pillars	2	CUM	7715	15,430.00
	NON Schd-7	Brick masonry for arches with special size traditional bricks	1	CUM	8400	8,400.00

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
4.2	NON Schd-8	Ornamental traditional brick masonry in mouldings and cornices (upto 30 cm in projection and 30 cm in depth as per traditional practice) in lime mortar similar to the existing traditional lime mortar (lime putty- surkhi 1:2) after removing the damaged and out of plumb masonry from the vertical surfaces , as directed by Engineer incharge/ Consultants , and including all leads, lifts and carriage. All complete.	36	RMT	1300	46,800.00
		<b>CONSOLIDATION WORK</b>				
4.3	NON Schd-9	Stitching the cracks in brick masonry using brick and lime mortar matching/toothing with the traditional lime mortar and bricks as existing size and type joinry courses in the historic structure after raking, cleaning and washing the cracks, as directed by Engineer incharge/ Consultants , and including all leads, lifts and carriage. All complete.	4	CUM	11250	45,000.00
4.4	NON Schd-10	Stitching of Modular brickwork by inserting sand stone/basalt stone plate as approved of size 600 X 300 X 100 MM at identified locations by engineer in charge / Consultants and grouting the area with rich lime mortar 1:1 (1 lime: 1 Surkhi) including preparing like cutting out brickwork, teething, cleaning, grouting etc.For all heights and stacking of malba within 100 mtr lead.	10	NO.S	1350	13,500.00
5.0		<b>ROOFING</b>				
5.1	MP UADD SOR 10.1	Structural steel work in single section fixed with or without connecting plate including cutting,hoisting,fixing in position and applying a priming coat of approved steel primer all complete.	180	KG	53.10	9,558.00
5.2	Non Schd.13	Providing, hoisting and laying of stone base plate of size (450X 600X 150 MM ) under I sections/ wooden beams on the end wall for placing the structural steel/ wooden beam, as per the specifications.	14	NO.S	1540	21,560.00
5.3	Non Schd.16	Construction of brick vaulted roof as per old design of thickness of 230 mm (or as per design)and bearing of 250 mm using special size bricks in lime surkhi mortar 1: 2 (1 lime : 2 surkhi ) including scaffolding/ shuttering/ centering and form work for temporary support structure required for the construction as directed by conservation consultants/ site-in-charge at all heights, including all leads and lifts. (Plan area of internal walls of constructed vault to be measured for the purpose of payment)	21	SQM	2205	46,305.00

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
5.4	Non Schd.17	Lime concrete (for terraces as a filler between vaults ) in the ratio of 1:1:1:4 (1 Lime: 1 Surkhi : 1 Coarse sand : 4 graded brick aggregate 40 mm nominal size). Item includes cost of shuttering/ scaffolding/safety measures/ use of specified equipments for workers required to complete the work	5	CUM	5355	26,775.00
5.5	Non Schd. 15	Lime plaster 20 mm thick 1:1 (1 slaked Lime: 1 surkhi) over the stone slab of desired level of APP sheet including organic additives like sugarcane molasses, extracts of beil, methi, etc. as per traditional practices. Item includes cost of shuttering/ scaffolding/ safety measures/use of specified equipments for workers required to complete the work.	21	SQM	363	7,623.00
5.6.1	NON SOR DSR 2016 22.20.1	providing and laying APP modified pre fabricated 5 layers 3 mm thick water proffing membrane ,black finished reinforced with non woven polyster matt consisting of a coat of bitumin primer for botumen membrane @.4 ltr /sq mtr by the same membrane manufacture of density at 25 degree centigrade ,0.87-0.89 kg/lt and viscosity of 70-160 cps .the laying of membrane shall be got done through authorised applicator of the manufacturer of membrane 22.20.1 3 mm thick	23	SQM	375.39	8,633.97
5.6.2	NON SOR DSR 2016 22.21	Extra for covering top of membrane with Geotextile, 120 gsm non woven, 100% polyester of thickness 1 to 1.25 mm bonded to the membrane with intermittent touch by heating the membrane by Butane Torch as per manufactures recommendation.	23	SQM	68.99	1,586.66
5.7	Non Schd..20	Providing and laying of 150 to 200 mm thick lime dhar on roofing as per traditional practice in 1:2:2:2 (1 lime: 2 sand: 2 old lime powder: 2 brick aggregate 12 mm to 40 mm nominal size) using methi, gur, hemp, belgiri etc. including beating and temping as per specifications. Ramming for minimum 10 days and curing for min 30 days, as directed by Engineer-in-charge/ Consultants, and including all leads, lifts and carriage.	24	SQM	1257	30,168.00

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
5.8	NON SOR DSR 2016 12.16.1	10 cm thick (average) mud phaska of damped brick earth on roofs laid to slope consolidated and plastered with 25 mm thick mud mortar mixed with bhusa @ 35 kg per cum of earth and gobi leaping with mix 1:1 (1 clay : 1 cow dung) and covered with flat tile bricks, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement and finished neat: 12.16.1 With common burnt clay F.P.S.(non modular) brick tile of class designation 10	21	SQM	537.03	11,277.63
5.9	NON SOR -75	Providing gola 75mm x 75mm in lime concrete 1:2:2:2 (1 lime: 2 surkhi: 2 old lime powder: 2 brick aggregate 12mm to 20 mm nominal size) using methi, gur, hemp, belgiri etc. including beating and temping as per specification.	26	MTR	123.00	3,198.00
5.10	Non Sched..22( Punjab SOR 13.05.2)	Making Khurra for 450X 450 mm with 18 mm lime mortar as a base, over additional layer of APP waterproofing layer and sealing all edges,including stone slab of size 600x450x.075 mm (as per detail) complete in all respect .	4	EACH	1640.00	6,560.00
5.11	Non Sched..24	WATER DOWN DRAIN PIPE - Providing and fixing CI PIPE of 150 mm dia with all fixing accessories including clamps, angle, screw, nut bolt and required cutting and chiseling etc. as per the instruction of site engineer/ architect. Item includes cost of shuttering/scaffolding/safety measures/ use of specified equipments for workers of building required to complete the work .	24	MTR	1150	27,600.00
6.0		<b>NEW DOORS/WINDOW /VENTILATORS</b>				



Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
6.1	Non Schd..27	<p>Providing and fixing new 1st class well seasoned and chemically treated Teak wood (of approved quality) work in frames of doors, windows, clerestory windows, ventilators, other frames and wrought frame of approved size, as per traditional wooden joinry of members, and fixed in position in traditional detail/manner with the help of holdfasts / traditional holdfast / handmade nails etc. Item is inclusive of carving /ingraving of pattens on frames as per existing patterns on original frames / detail drawing and finish with primer and Redoxide as approved by the Engineer In-charge/ Consultants. Item also include all leads, lifts and carriage upto all heights including necessary framework/scaffolding etc required to complete the task. Contractor to ensure that moisture content of wood is well within IS codes and Any timber found unseasoned shall be rejected. All timber to be free of knots, cracks etc..Item also includes Anti termite treatment of wood before fixing the frame at site, coating/painting of section of embedded timber coming into contact with masonry with tar application/ solignum. Measurement of final finished product will be used for the purpose of volume calculation and for payments.</p>	0.5	CUM	187425	93,712.50
6.2	Non Schd..28	<p>Providing and fixing new doors, windows and ventilators shutters of 1st class well seasoned and chemically treated teak wood (of approved quality) single/ double leaves 40-50 mm thick fully/partially glazed openable shutters, paneling of door in wood /glass using 6mm thick Clear float Glass of Saint Gobain or equivalent make, for doors/windows/ventilator as per the existing original design and pattern /or design as per drawing / as instructed by the Consultants including all necessary fitting/ hardware like screws, nails, metal spikes, ornamented nails, metal patterns of flower, metal ribets, parliamentary hinges, tower bolts, handles, traditional MS handmade nails, traditional locking system (hook and chain), decorative features (butt hinges/tower bolt/ handle /door Aldrop/lock) of the same design, material, size and weight, etc. Item to also include making all the mouldings and design of the panels as in the original detail with all beading, patti, carving, marking, as per original existing designs and size of shutters. shutters/panel should be finished from all sides with Redoxide of appropriate shade as approved by the Engineer In-charge / Consultants. Item also include all leads, lifts and carriage upto all heights including necessary framework/scaffolding etc required to complete the task. Contractor to ensure that moisture content of wood is well within IS codes and Any timber found unseasoned shall be rejected. All timber to be free of knots, cracks etc..Item also includes Anti termite treatment of wood before fixing the frame at site, coating/painting of section of embedded timber coming into contact with masonry with tar application/ solignum. Overall Length and width of the shutter /panel will be measured of final finished product for the purpose of area calculations &amp; payments.</p>	5.0	SQM	8100	40,500.00
7.0		<b>FLOORING</b>				

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
7.1	Non Schd.-29	Providing and laying Hand dressed Sand stone flooring of size 300x450x100mm or as approved over 20 mm ( average) thick base of lime Mortar 1:2 (1 Slaked lime:2 coarse sand) including flush pointing with Lime Mortar with an admixture of pigment to match the shade of stone, Joints between stones should be less than 12 mm. pattern & design as per Consultants ural drawing.	30	SQM	2300	69,000.00
7.2	Non Schd.-31	Sub base for flooring: sub- base of 50mm thick bed of local sand/morum/hard copra evenly spread and rammed brick ballast bed 150mm thick with lime mortar in equal proportion, as directed by Engineer incharge/ Consultants , and including all leads, lifts and carriage. All complete.	28	SQM	348	9,744.00
7.3	Non Schd.-32	Plinth Protection- Providing and laying of the modular brick tile on edge flooring on 20mm thick lime concrete leveling course laid over the sub- base of 50mm thick bed of local sand evenly spread and rammed with joints finished and flushed with bricks of class designation 150, on a bed of 12 mm lime surkhi mortar (1:2), including filling the joints with same mortar over the sub-base 150 mm thick of brick ballast (40 mm nominal size), filled with lime mortar 1:2 of equal quantity levelled and compacted as per the instruction of site engineer/ architect.	36	SQM	1166	41,976.00
8.0		<b>FINISHING</b>				
8.1	Non Schd.-35	Lime plaster 15 to 40 MM thickness on flat wall/vertical surfaces Providing and application of Lime – surkhi Plaster 1:1 (1 slaked Lime: 1 surkhi) on wall surfaces of thickness between 15 to 40 MM including organic additives like sugarcane molasses, extracts of beil,maithi, etc. as per traditional practices. The preparation of mortar is to be done following traditional practice includes using chakki/garat (wet grinding of lime and sand by heavy stone mill / chakki/garat), application of mortar in 3 layers with last layer of 6 MM thick, with a gap of minimum 3 days and not more than 10 days from previous layer. The item rate includes application of Loi, tampering, beating, reworking of plaster till the shrinkage cracks disappear and desired finish achieved and curing for 10 days. Item also includes all lead and lift, establishing work yard / chakki, scaffolding, formwork tools and implements etc.	220	SQM	721	1,58,620.00

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
8.2	Non Schd.-36	Lime plaster 5 to 10 MM thickness on ceiling and curved surfaces. Providing and application of Lime – surkhi Plaster 1:1 (1 slaked Lime: 1 surkhi) on wall surfaces of thickness between 5 to 10 MM including organic additives like sugarcane molasses, extracts of beil,maithi, etc. as per traditional practices. The preparation of mortar is to be done following traditional practice includes using chakki/garat (wet grinding of lime and sand by heavy stone mill / chakki/garat), application of mortar in single layers, with a gap of minimum 3 days and not more than 10 days from previous layer. The item rate includes application ofLoi, tampering, beating, reworking of plaster till the shrinkage cracks disappear and desired finish achieved and curing for 10 days. Item also includes all lead and lift, establishing work yard / chakki, scaffolding, formwork tools and implements etc.	55	SQM	861	47,355.00
8.3	Non Schd.-37	Decorative plaster work in lime surkhi mortar (1:2) as per traditional practice and design, the mortar should be prepared by the grinding mill only. The thickness varying from 10mm to 100mm as per design, as directed by Engineer incharge/ Consultants , and including all leads, lifts and carriage. All complete.	80	SQM	1213	97,040.00
8.4	Non Schd..38	Providing new decorative Stucco work in lime, sand, Surkhi mortar, (1:2:1) 20 mm - 40mm thick as per existing design work/ traditional practices by skilled craftsman, the stucco work should be done as per restoration nature, the mortar should be prepared by grinding mill adding gur, methi & gugal. Sample of the design and details of the decorative stucco work to be shown to the consultants for necessary approvals before finalizing and finishing the same in Lime and Sand plaster in proportions 1:2 with the same, not more than 10 mm in thickness and a final coat of 5 mm Thick lime putty. Item to be paid only for the part of the design made in new plaster and not the entire panel. Item to include curing for 21 days using water pumps or any other necessary methods to avoid any surface cracks. In case of development of surface cracks, the same to be redone as part of rectification works to achieve the necessary level of finish as directed by Consultants or Engineer-in-charge. Item to include all necessary tools, scaffold if required etc. complete	120	SQM	2345	2,81,400.00

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
8.5	Non Schd.-39	Providing & applying Lime kara 1:2 (1lime cream : 2 Zikki powder) grinding mortar with grinding mill/manually on lime base,on all flat surface in two coats.First coat applying 3mm to 4mm thick and curing properly at least 7 days,second finishing coat done after 7days of previous coat as per traditional practice.(thickness not more than 6 mm.)	220	SQM	938	2,06,360.00
8.6	Non Schd.-40	Providing & applying Lime kara 1:2 (1lime cream : 2 Zikki powder) grinding mortar with grinding mill/manually (on lime sand/sand plaster base) on ceiling /curved lime plaster in two coats.First coat applying 3mm to 4mm thick and curing properly at least 7 days,second finishing coat done after 7days of previous coat as per traditional practice.(thickness not more than 6 mm.	55	SQM	1072	58,960.00
8.7	Non Schd.-41	Providing lime kara on decorative/ornamental surfaces or embellishments as per decorative /ornamental designs as per old existing carving on surface highly precise	200	SQM	1553	3,10,600.00
9.0		<b>OTHER WORKS</b>				
9.1	Non Schd.-44	Repair of existing sandstone chajja (of approved quality) chajjas (As per existing size length 1200 x width 600 to 750 and thikness 50-75 mm ) by replacing damaged / missing stone chajja, wherever required as per old existing design, including cost of dismantling /making of wall/parapet were chajja is inserted /fixed following existing design & construction details. Item includes cost of safety measure /use of specified equipment for workers of building required to complete the work .at all heights & including all leads and lift.	17	MTR	1175	19,975.00
9.2	Non Schd..43	Providing & fixing new sandstone chajjas (of approved quality). (As per existing size length x width 600 to 750 and thikness 50-75 mm) by replacing damaged/ missing stone chajja, wherever required as per old existing design, including cost of dismantling/ making of wall/ parapet where chajja is inserted/ fixed following existing design & construction details. Item includes cost of safety measures/ use of specified equipment for workers of building required to complete the work at all heights & including all leads and lifts. External edge of the chajja will be measured for payments.	12	MTR	2410	28,920.00

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
9.3	Non Schd.-47	Repair ,Cleaning and Re-fixing of hanging decorative stone brackets as per old design including patch repair( if any ) and chemical wash( amonia or as approved) with complete length of support stone as per old design ,materials and specification .Item includes cost of shuttering /scaffolding /safety measure /use of specified equipment for workers of building required to complete the work .	20	EACH	131	2,620.00
9.4	JOB WORK	Repairing and cleaning of existing iron ladder of top floor including alignment of stair case,welding ,adding ,replacement of any member and painting with two coat of enamel paint over base coat of primer and antirust treatment . Item includes cost of opening of wall, re-building (if required) shuttering/ scaffolding / safety measures/use of specified equipments for workers of building required to complete the work.	1	JOB	5000	5,000.00
9.5	JOB WORK	Providing and fixing new iron ladder of top floor as per drawing including fixing of stair case top and bottom, painting with two coat of enamel paint over base coat of primer and antirust treatment of ladder all complete . Item includes cost of opening of wall for fixing the ladder in wall, re construction of wall as per design (if required) shuttering/scaffolding/safety measures/use of specified equipments for workers of building required to complete the work.	2	JOB	10000	20,000.00
9.6	Non Schd. 46	Supplying and fixing rough dressed stone 'dasa ' stone parapet covering wall of size width 600x thickness 100 mm , cornices sriwan, string courses etc. in cement mortar 1:4 including pointing with admixture of pigment matching with the stone shade .Patch work as required including all lead ,lift upto all height.	8	MTR	1680	13,440.00
9.7	Non Schd..61	Restoration of existing traditional brick and lime massonry "Jaali" in the same design,pattern & size as per the original in building as directed by the Architect or Engineer in Charge. Item to include getting samples of jaali ( if any part is damage) from the Architect before fixing the same on site. Item to include all necessary tools, hardware, etc All complete. Mode of Measurement: The item to be paid as per the elevation area of the jali restored/ or constructed new only, and not the entire area of the jaali .	23	SQM	2130	48,990.00

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
9.8	JOB WORK	Restoration of traditional Watch exist in the building tower as per traditional machenism / as approved sample by authority .Item includes cost of shuttering /scaffolding /safety measure /use of specified equipment for workers of building required to complete the work .	1	JOB	300000	3,00,000.00
9.9	JOB WORK	Repairing and cleaning of existing iron flag post of top floor including cleaning of iron post ,antirust treatment , water proofing provision for flagpost , painting with two coat of enamel paint over base coat of primer and re-fixing of flagpost .Item includes cost of shuttering /scaffolding /safety measure /use of specified equipment for workers of building required to complete the work	1	JOB	5000	5,000.00
9.10	Non Sched.42	Construction of Parapet, with new or salvaged materials, in brickwork as per original designs existing at site / designs provided by site engineer , of height upto 800 MM and width upto 450 MM including decorative brickwork , at desired location, Item includes lime concrete coping (1:1 lime surkhi mortar with 10MM brick aggregate)/brick coping on top of the parapet, 6mm thick lime surkhi plaster 1:1(1 lime :1 surkhi) and lime Kara (not more than 3 mm thick) on all surfaces, all sides, curved and decorative elements, pillars, balustrade, Copings, handrail etc. as per decorative ornamental designs. Item also includes cost of shuttering /formwork/ scaffolding /safety measure /use of specified equipment for workers of building required to complete the work. Design of Parapet may change at each level of building and is part of the Item. (Running length of the parapet at the interior base towards terrace side will be measured for payment of this item )	26	MTR	2840	73,840.00
9.11	Non Sched. 65	Providing and fixing of brass finial over kiosk/cuplas/dome as per approved design ,size of 50 mm dia 300mm long, with all fixing accessories , Item to include all necessary hardware, scaffolding etc. complete	3	NO.S	3650	10,950.00

Item	Ref.	Description	Qty	Unit	Rate	AMOUNT
9.12	Ele. DSR 1.21.2	Supplying and fixing of 25mm dia medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	120	MTR	62.10	7,452.00
10.0		<b>SUPPORT FRAME</b>				
10.1	NON SOR	Providing and fixing double scaffolding system (cup lock type) on the exterior side of building/structure, upto 25 metre height, above ground level, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube challis, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-charge. sqm 159.90 Note:- (1) The elevational area of the scaffolding shall be measured for payment purpose. (2) The payment will be made once only for execution of all items for such works.	660	SQM	143.10	94,446.00
		<b>Grand Total</b>				<b>25,45,042.75</b>