

# **ARVIND SINGH CONSULTANT'S**

Add :- 302/38, Opp Sai Nath CHSL, Anand Nagar, Santacruz East, Mumbai-400055.

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Mob :- 9820993481

Date :- 04/02/2026

To,  
Secretary/Chairman,  
Roof Top CHSL,  
Sher-E-Punjab Colony,  
Andheri East,  
Mumbai.

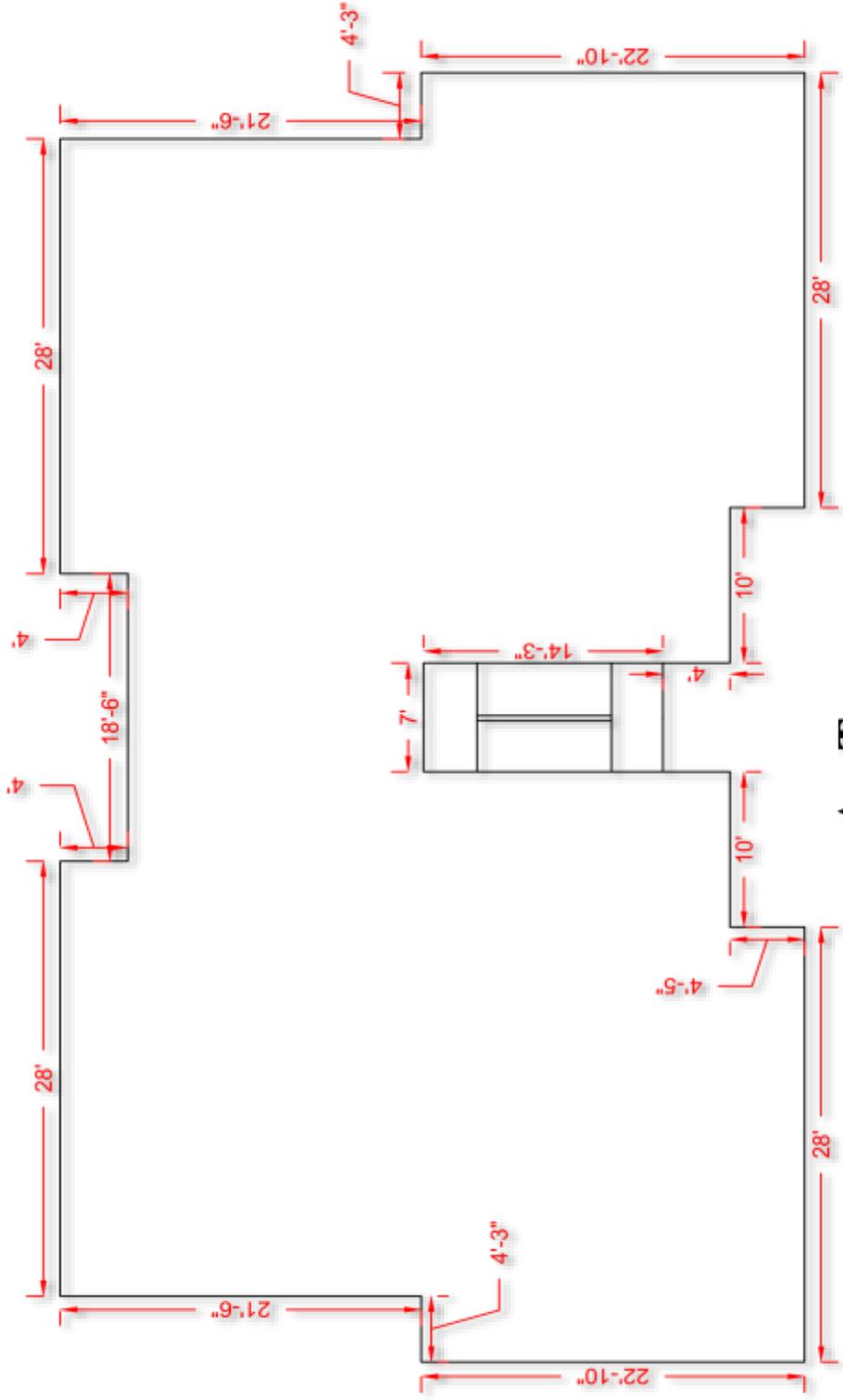
Subject :- Repair estimate.

## **Roof Top A- Type**

No.	Description	Unit	Quantity	Rate	Amount
1	External Scaffolding	Sq.Ft	28,000	5	140,000
2	Hessain Cloth Bardan Protection	Sq.Ft	28,000	3	84,000
3	Plywood Covering	Sq.Ft	4,800	45	216,000
4	Breaking of existing plaster (Internal & External)	Sq.Ft	5,000	10	50,000
5	Providing and applying of polymer modified cement quartz sand mortar in ratio of 1:5:15 layer with hand using polymer latex admixture (Internal & External)	Sq.Ft	3,000	170	510,000
6	External Sand Faced Plaster - Applying sand faced plaster at external surface of 20mm thick in 2 coats of cement mortar of mix (1:4) (Internal & External)	Sq.Ft	5,000	90	450,000
7	Dash coat is to be provided to maintain the 25mm thickness of the plaster inn patch plaster.	Sq.Ft	2,000	45	90,000
8	Debris removal	Nos.	15	5,500	82,500
9	Micro concreting	Kgs	QRO	110	-
10	Steel reinforcement or rebar for columns, beams etc.	Kgs	QRO	90	-
11	Steel Props	Nos/Month	QRO	350	-

12	Internal Painting (Staircase & Lobby)	Sq.Ft	6500	24	156,000
13	External Painting	Sq.Ft	31,000	22	682,000
14	Terrace waterproofing with Brick Bat Coba with China Chips on top	Sq.Ft	6,500	220	1,430,000
15	Parapet & Head room Wall Plaster	Sq.Ft	1,500	90	135,000
17	Head room top waterproofing with IPS finish.	Sq.Ft	320	120	38,400
20	Chajja Waterproofing With IPS	Sq.Ft	1,800	120	216,000
21	Chajja and Balcony Wheather Sheds	Sq.Ft	QRO	750	-
22	Grill removal & refixing	Sq.Ft	QRO	80	-
23	MS Grill painting	Sq.Ft	QRO	20	-
24	Staircase Plaster	Sq.Ft	500	90	45,000
25	Staircase PMM (Polymer Modified Mortar)	Sq.Ft	300	170	51,000
26	P/F new PVC Drainage & Sanitary Pipes with Fittings & Fixtures				
a)	Kitchen & Bath 75mm dia Pipes	Rft	QRO	160	-
b)	WC 110mm Dia Pipes	Rft	QRO	180	-
d)	Rain Water 110mm Dia Pipe	Rft	QRO	165	-
27	P/ Fixing uPVC pipes (Water Supply - Downtake & looplins, with all fittings & Fixtures etc. complete.				
d)	25mm Dia	Rft	QRO	145	-
e)	20mm Dia	Rft	QRO	130	-
d)	15mm Dia	Rft	QRO	120	-
<b>Total Repair Cost :-</b>					<b>4,375,900</b>

**Note :- This is the approximate repair estimate and may vary  $\pm$  10% to 15% at the time of actual measurements.**



## A - Type

### Arvind Singh Consultant's.

C H A R T E R E D   E N G I N E E R / M - 1 4 9 8 5 6 - 2

302/38, Anand Nagar, Vakola, Opp Shree Sainath CHSL, Service Road, SANTACRUZ - EAST,

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Arvind Singh Consultants



CLIENT - Roof Top CHSL, Sher-E-Punjab, Andheri East, Mumbai.

DOCUMENT TITLE - Plan

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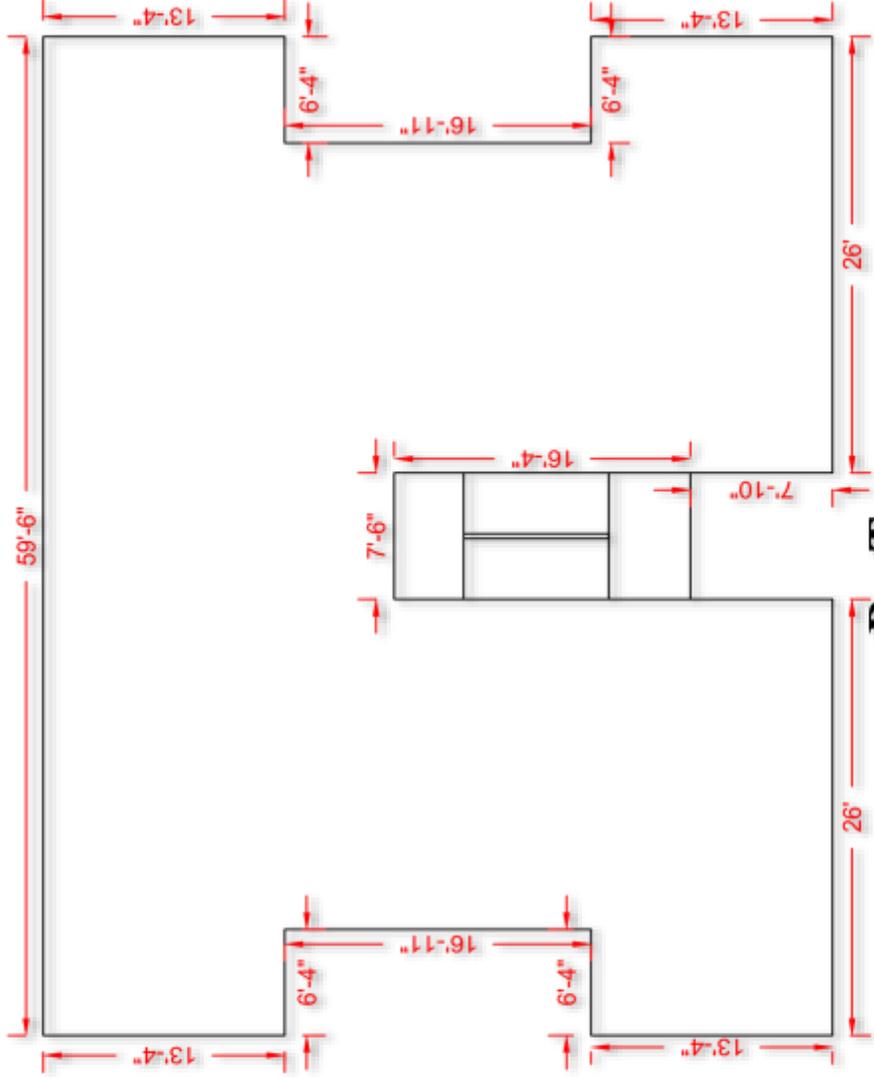
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# Roof Top B- Type

No.	Description	Unit	Quantity	Rate	Amount
1	External Scaffolding	Sq.Ft	31,000	5	155,000
2	Hessain Cloth Bardan Protection	Sq.Ft	31,000	3	93,000
3	Plywood Covering	Sq.Ft	4,600	45	207,000
4	Breaking of existing plaster (Internal & External)	Sq.Ft	4,000	10	40,000
5	Providing and applying of polymer modified cement quartz sand mortar in ratio of 1:5:15 layer with hand using polymer latex admixture (Internal & External)	Sq.Ft	2,000	170	340,000
6	External Sand Faced Plaster - Applying sand faced plaster at external surface of 20mm thick in 2 coats of cement mortar of mix (1:4) (Internal & External)	Sq.Ft	4,000	90	360,000
7	Dash coat is to be provided to maintain the 25mm thickness of the plaster inn patch plaster.	Sq.Ft	1,500	45	67,500
8	Debris removal	Nos.	12	5,500	66,000
9	Micro concreting	Kgs	QRO	110	-
10	Steel reinforcement or rebar for columns, beams etc.	Kgs	QRO	90	-
11	Steel Props	Nos/Month	QRO	350	-
12	Internal Painting (Staircase & Lobby)	Sq.Ft	8500	24	204,000
13	External Painting	Sq.Ft	34,000	22	748,000
14	Terrace waterproofing with Brick Bat Coba with China Chips on top	Sq.Ft	4,600	220	1,012,000
15	Parapet & Head room Wall Plaster	Sq.Ft	1,000	90	90,000
17	Head room top waterproofing with IPS finish.	Sq.Ft	350	120	42,000
20	Chajja Waterproofing With IPS	Sq.Ft	2,200	120	264,000
21	Chajja and Balcony Wheather Sheds	Sq.Ft	QRO	750	-
22	Grill removal & refixing	Sq.Ft	QRO	80	-
23	MS Grill painting	Sq.Ft	QRO	20	-
24	Staircase Plaster	Sq.Ft	500	90	45,000

25	Staircase PMM (Polymer Modified Mortar)	Sq.Ft	300	170	51,000
26	P/F new PVC Drainage & Sanitary Pipes with Fittings & Fixtures				
a)	Kitchen & Bath 75mm dia Pipes	Rft	QRO	160	-
b)	WC 110mm Dia Pipes	Rft	QRO	180	-
d)	Rain Water 110mm Dia Pipe	Rft	QRO	165	-
27	P/ Fixing uPVC pipes (Water Supply - Downtake & looplins, with all fittings & Fixtures etc. complete.				
d)	25mm Dia	Rft	QRO	145	-
e)	20mm Dia	Rft	QRO	130	-
d)	15mm Dia	Rft	QRO	120	-
<b>Total Repair Cost :-</b>					<b>3,784,500</b>

**Note :- This is the approximate repair estimate and may vary  $\pm$  10% to 15% at the time of actual measurements.**



## B - Type

### Arvind Singh Consultant's.

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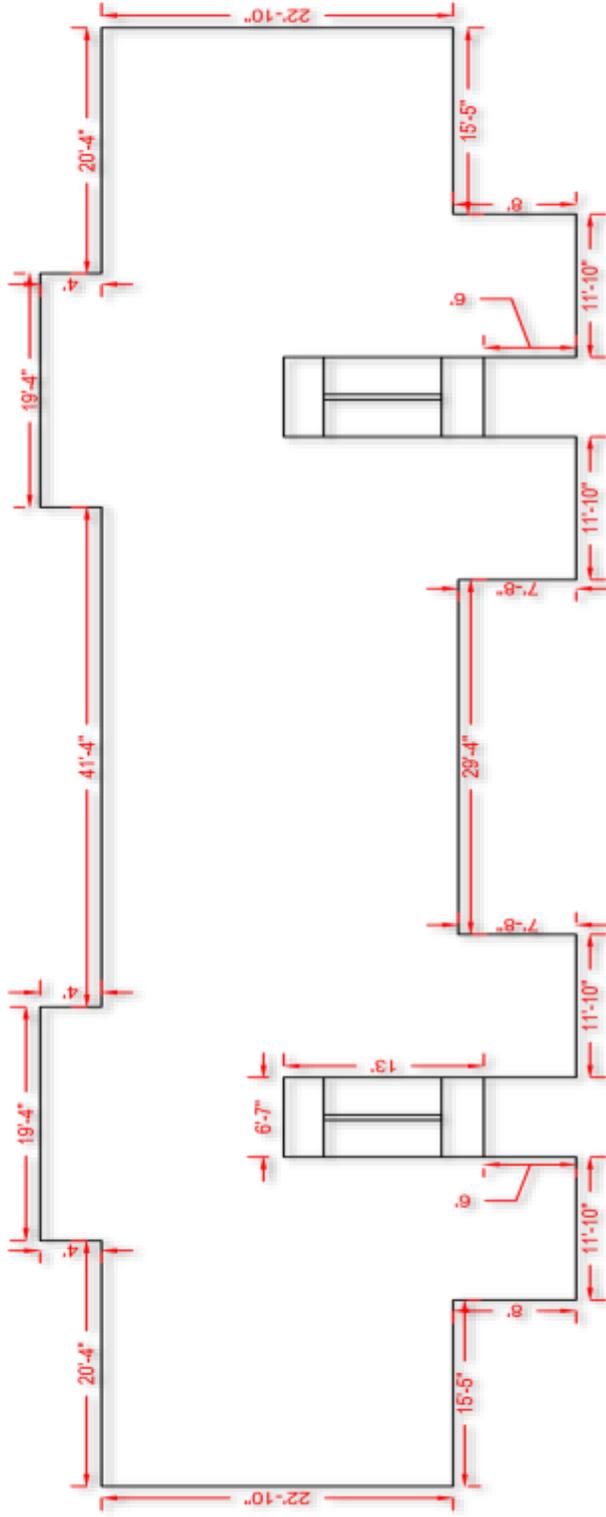
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# Roof Top C- Type

No.	Description	Unit	Quantity	Rate	Amount
1	External Scaffolding	Sq.Ft	24,500	5	122,500
2	Hessain Cloth Bardan Protection	Sq.Ft	24,500	3	73,500
3	Plywood Covering	Sq.Ft	3,200	45	144,000
4	Breaking of existing plaster (Internal & External)	Sq.Ft	3,500	10	35,000
5	Providing and applying of polymer modified cement quartz sand mortar in ratio of 1:5:15 layer with hand using polymer latex admixture (Internal & External)	Sq.Ft	1,500	170	255,000
6	External Sand Faced Plaster - Applying sand faced plaster at external surface of 20mm thick in 2 coats of cement mortar of mix (1:4) (Internal & External)	Sq.Ft	3,500	90	315,000
7	Dash coat is to be provided to maintain the 25mm thickness of the plaster inn patch plaster.	Sq.Ft	1,200	45	54,000
8	Debris removal	Nos.	10	5,500	55,000
9	Micro concreting	Kgs	QRO	110	-
10	Steel reinforcement or rebar for columns, beams etc.	Kgs	QRO	90	-
11	Steel Props	Nos/Month	QRO	350	-
12	Internal Painting (Staircase & Lobby)	Sq.Ft	7200	24	172,800
13	External Painting	Sq.Ft	25,500	22	561,000
14	Terrace waterproofing with Brick Bat Coba with China Chips on top	Sq.Ft	4,600	220	1,012,000
15	Parapet & Head room Wall Plaster	Sq.Ft	1,200	90	108,000
17	Head room top waterproofing with IPS finish.	Sq.Ft	270	120	32,400
20	Chajja Waterproofing With IPS	Sq.Ft	1,200	120	144,000
21	Chajja and Balcony Wheather Sheds	Sq.Ft	QRO	750	-
22	Grill removal & refixing	Sq.Ft	QRO	80	-
23	MS Grill painting	Sq.Ft	QRO	20	-
24	Staircase Plaster	Sq.Ft	500	90	45,000
25	Staircase PMM (Polymer Modified Mortar)	Sq.Ft	300	170	51,000

26	P/F new PVC Drainage & Sanitary Pipes with Fittings & Fixtures				
a)	Kitchen & Bath 75mm dia Pipes	Rft	QRO	160	-
b)	WC 110mm Dia Pipes	Rft	QRO	180	-
d)	Rain Water 110mm Dia Pipe	Rft	QRO	165	-
27	P/ Fixing uPVC pipes (Water Supply - Downtake & looplines, with all fittings & Fixtures etc. complete.				
d)	25mm Dia	Rft	QRO	145	-
e)	20mm Dia	Rft	QRO	130	-
d)	15mm Dia	Rft	QRO	120	-
<b>Total Repair Cost :-</b>					<b>3,180,200</b>

**Note :- This is the approximate repair estimate and may vary  $\pm 10\%$  to  $15\%$  at the time of actual measurements.**



**C - Type**

**Arvind Singh Consultant's.**

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### C- Bldg

<b>A- PREPARATORY WORK</b>					
Sr.	<u>Description</u>	Unit	Appx.Qty	Rate	Amount
A-1	<b>Bamboo Scaffolding:</b> Erection of composite Scaffolding, with necessary protective measures such as jut cloth or hessian cloth.				
A-1-a	<b>Single /Double Scaffolding:</b>	Sq.Ft.	25000	4.00	100000.00
A-2	<b>Breaking of loose Plaster:</b> Identification of defective plaster area, demarcation of the same with distinct chalk or colour, getting approval and cutting the groove with electrical cutter to the epth of existing plaster and carefully breaking external plaster in patches or long stretches at all the levels, without damaging the plaster or Brick Work in the vicinity, collection of debris after the days work and storing within the allotted site upto to 5 cum, and disposing of the same as soon as the quantity exceeds 5 cum from the site by mechancial transport etc., complete as directed.				
		Sq.Ft.	1500	8.00	12000.00
A-3	<b>Ply protection:</b> Providing Ply protection work to the window with using 4mm wooden ply as per consultant Engineer instruction.				
		Sq.Ft.	QRO	28.00	0.00
A-4	<b>Removing &amp; Refixing of MS grills:</b> Removal of existing MS grills from window and re fixing the same after completion of work.				
		Sq.Ft.	QRO	35.00	0.00
A-5	<b>Aluminium shade:</b> Removing & fixing of New Aluminium shade & Making of cement watta for top corner as per consultant Engineers instruction.				
		Sq.Ft.	QRO	40.00	0.00
A-6	<b>WOODEN PLATFORM:-</b> Providing covering , crecting and maintaining in position a platform of wooden bamboos to protect the areas projecting outside the building wall surface, Removing the same after completing the external work as per Consultant's instruction.				
		Sq.Ft.	700	65.00	45500.00
A-7	<b>SAFETY NET:-</b> Providing & fixing safety net for the work to avoid debris falling to the ground to be executed only if necessary as per the consultant's instructions.				
		Sq.Ft.	1500	25.00	37500.00
A-8	<b>Aluminium Window:</b> Removing & Refixing of Aluminium Window including labour. Tools, & brocken glass as per consultant Engineers instruction.				
		Sq.Ft.	QRO	55.00	0.00
A-9	<b>HDPE BIRD NET:-</b> Providing and Fixing new high-density polythylene (HDPE) 30mm x30mm bird net from 8th floor with new fitting and fixtures as per technical specification & consultant Engineers insrtuction.				
		Sq.Ft.	QRO	40.00	0.00
<b>A</b>	<b>TOTAL</b>				195000.00

<b>B- STRUCTURAL WORK</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
B-1	<b>POLYMER MODIFY MORTER (for R.C.C. load Structure)</b>				
a	Removal of existing loose concrete with chisel and hammer, opening of crack, cleaning with water, carting debris away from site, cleaning the surface with wire brush and washing concrete surface with water . Providing and Applying Rust Remover on existing exposed Reinforcement Bars. Providing and applying Rust Inhibition Coats / system to exposed rebars & also new rebars. Providing and applying raw Polymer Bond coat/ system to all exposed concrete surface and rebars prior to polymer treatment. Providing and applying polymer modified cement mortars of C.M 1:3 in specified ratio of polymer per bag of cement as per manufacturer specification OR in 1:5:15 in 20% doses ratio to RCC surfaces duly treated as above with appropriate thickness up to 25mm. More detailed specification to be referred as per technical specification or as instructed by the Consultant / Engineer.	Sq.Ft.	750	150.00	112500.00
b	Up to 25mm to 40mm	Sq.Ft.	QRO	150.00	0.00
B-2	<b>Injection Grouting:</b> Providing injection grouting with cementitious grout (Terrace slab) as instructed and shown by the engineer.				
B-2-a	Cement Grouts	Nos.	QRO	150.00	0.00
B-2-b	Chemical Grouts	Nos.	QRO	200.00	0.00
B-3	<b>Non-polymer</b> : Non-polymer work to R.C.C. pardi in 1:4 cement mortar proportion with embedding metal with chemical coating to the rusted steel.	Sq.Ft.	700	80.00	56000.00
B-4	<b>Reinforcement:</b> Providing & Fixing Reinforcement in different dia for coloumn, beam, chajjas, slab & coping as per consultant engineers instruction.	Kg.	QRO	90.00	0.00

B-5	<b>Joint filling:</b> Joint filling work between coloumn & brick work joint in 1:3 cement mortar with embedding metal as per consultant's Engineer insrtuction.	R.Ft.	QRO	40.00	0.00
B-6	<b>Micro concreting:</b> Micro concreting work for structural member such as coloumn, beam & chajjas as per consultant Engineers instruction.	Kg.	QRO	95.00	0.00
B-7	<b>Jacketing:</b> Breaking the existing concrete of culumn & beam and Jacketing the same by. providing additional reinforcement as specified with concrete M: 20 grade. including breaking of old RC sections, cutting of old bars, carting away debris, concreting, de-shuttering & providing shear connector, curing etc. as directed by CE (Rebars will be paid separately under relevant items)	Sq.Ft.	QRO	525.00	0.00
B-8	<b>Steel Props:</b> Providing & Fixing temporary steel props support to coloumn & beam as per consultant Engineers instruction.	Nos.	QRO	150.00	0.00
B-9	<b>Re-Casting :</b> Breaking the existing concrete of purdhi, chajjas, lintels, Slab, etc. and re- concrete the same by providing additional reinforcement as specified with concrete M: 20 grade. including scaffolding, breaking of old RC sections, cutting of old bars, carting away debris, shuttering, concreting, de-shuttering & providing shear connector, curing etc. as directed by CE (Rebars will be paid separately under relevant items)	Sq.Ft.	QRO	450.00	0.00
B-11	<b>Hack aidplast:-</b> Applying bond layer using "Hack Aidplast" (or equivalent) to the ceiling or elsewhere as per manufacturer's specifications and as directed by C.E.	Sq.Ft.	QRO	15.00	0.00
<b>B</b>	<b>TOTAL</b>				<b>168500.00</b>

<b>C- PLUMBING WORK</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
C-1	<b>Providing &amp; Fixing New P.V.C. pipe line with fitting &amp; fixtures as per technical specification &amp; consultant Engineers instruction.</b>				
C-1-a	4" Dia Toilet line.	R.Ft.	QRO	170.00	0.00
C-1-b	3" Dia Kitchen / Bath line	R.Ft.	QRO	150.00	0.00
C-1-c	2.5" Dia Gas Vent line	R.Ft.	QRO	120.00	0.00
C-1-d	4" Dia Rain water line	R.Ft.	QRO	140.00	0.00
C-1-e	2"Dia Balcony Dranage Line	R.Ft.	QRO	110.00	0.00
C-2	<b>Providing &amp; Fixing new U PVC pipe lines with new fittings &amp; fixtures as per technical specification &amp; consultant Engineers instruction. (necessary)</b>				
C-2-a	1 /2" Dia pipe	R.Ft.	QRO	100.00	0.00
C-2-b	3 /4" Dia pipe	R.Ft.	QRO	140.00	0.00
C-2-c	1" Dia Downtake Pipe	R.Ft.	QRO	150.00	0.00
C-2-d	1 1/4" dia Flush Line	R.Ft.	QRO	160.00	0.00
C-2-e	2 1/2" Dia Terrace Loop line	R.Ft.	QRO	220.00	0.00
C-3	<b>AC drainage Pipe work</b> : Providign and laying AC outlet drainage 1 1/4" dia PVC pipe vertical with branches connecter pipe and necessary fittings etc.as per technical	R.Ft.	QRO	75.00	0.00
C-4	<b>Providing &amp; Fixing new M.S. clamp</b> to fixed the Only P.V.C. pipe away from the wall as per consultant Engineers instruction.	Nos.	QRO	85.00	0.00
C-6	<b>Providing &amp; Fixing New UPVC connectors</b> with P.V.C. slive & Gabdaa as per technical specification & consultant Engineers insrtuction.	Nos.	QRO	200.00	0.00
C-7	<b>Providing &amp; Fixing of new Ball valve for terrace loop line from downtake line with new fitting &amp; fixtures as per technical specifiction &amp; consultant Engineers instruction.</b>				
C-7-a	1" dia Ball Valve	Nos.	QRO	900.00	0.00
C-7-b	1 1/4" dia Ball Vavle	Nos.	QRO	1200.00	0.00
C-7-c	2 1/2" Dia Ball Valve	Nos.	QRO	3500.00	0.00
C-7-d	2 1/2" Dia Downtake Water Pressure Valve	Nos.	QRO	4500.00	0.00
C-8	<b>Removing &amp; Refixing OLD PVC / UPVC</b> pipes(Patch work) of Specially Plumbing Joints Leakage PVC / UPVC line any dia with new fitting / fixtures & finish Gabada as per technical specification & consultant Engineers insrtuction.	Nos.	QRO	700.00	0.00
C-9	<b>RAT CAPE-</b> : Providing and Fixing new rat cape from ground floor with new fitting and fixtures as per technical specification & consultant Engineers insrtuction.	Nos.	QRO	450.00	0.00
C-10	<b>HDPE BIRD NET-</b> : Providing and Fixing new high-density polythylene (HDPE) 30mm x30mm bird net from 8th floor with new fitting and fixtures as per technical specification & consultant Engineers insrtuction.	Sq. ft	QRO	10.00	0.00
<b>C</b>	<b>TOTAL</b>				<b>0.00</b>

<b>D- CIVIL WORK (EXTERNAL)</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
D-1	<b>Dash Coat:</b> Applying one layer of dash coat of 1:4 Cement mortar on extensively damage brick wall surface, impregnating brick bat pieces in the plaster as per technical specification or as instructed by the Engineer.	Sq.Ft.	700	40.00	28000.00
D-2	<b>Sandface Plaster:</b> Covering entire surface from hassein cloth & Breaking of old external plaster of any thickness and at all levels, carting debris away from site. Providing and applying Double Coat Sand Face Plaster (25 mm thick min. ) in C.M. ratio 1:4, including appropriate admixture and <b>Watta, Drip mould / Bands / Pattas etc.</b> complete as per the instructions and as per technical specification or as instructed by the Engineer.	Sq.Ft.	1500	85.00	127500.00
D-3	<b>R.C.C. Grill:</b> Removing the existing RCC Grills of the lift room area, providing & fixing new RCC Grills of approved design , of thickness 1.5 inches Including scaffolding curing etc. complete, as directed by C.E.	Sq.Ft.	QRO	185.00	0.00
D-4	Providing & raising Brickwork in C:S 1:4 as per T:S 33 including curing etc. complete & as directed by C.E.				
a	9" thick	Sq.Ft.	QRO	250.00	0.00
b	4" thick	Sq.Ft.	QRO	180.00	0.00
D-5	<b>Cement watta:</b> Providing and laying cement watta with brick pointing and finishing cement gottai on weather shed junction place cleaning etc complete & as directed by C.E.	R.ft	QRO	70.00	0.00
<b>D</b>	<b>TOTAL</b>				<b>155500.00</b>

<b>E- CIVIL WORK (INTERNAL Flats/Staircase)</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx. Qty</b>	<b>Rate</b>	<b>Amount</b>
E-1	<b>R.C.C. Repair With Polymer Mortar:</b> Removing Loose/ Cracked Plaster Concrete from R.C.C. column, beams, slabs etc. removing loose rust by chipping and wire brushing, giving proper Rust Converter and Rust Passivator treatment to reinforcement. Providing and applying polymer modified cement mortars of C.M 1:3 in specified ratio of polymer per bag of cement as per manufacturer specification OR in 1:5:15 in 20% doses ratio to RCC surfaces duly treated as above with appropriate thickness. More detailed specification to be referred as per technical specification or as instructed by the Consultant / Engineer.	Sq.Ft.	QRO	130.00	0.00
E-2	<b>Internal Plaster - Single Coat with Neeru Finish:</b> Providing and applying internal cement plaster, single coat, after necessary breaking / hacking of existing loose or damaged plaster, cleaning the surface and preparing the background. Plastering to be done in cement mortar proportion 1:4 or as directed by the Consultant / Engineer. The work shall include proper leveling, finishing, curing and finishing with smooth neeru (lime) finish, complete in all respects, as per specifications and instructions of the Consultant / Engineer. (Including breaking wherever required) <b>(Wing- A-B-C)</b>	Sq.Ft.	QRO	85.00	0.00
E-3	<b>Same as item no- B- 6 Micro Concrete</b>	Kg	QRO	95.00	0.00
<b>E</b>	<b>TOTAL</b>				<b>0.00</b>

<b>F- WATERPROOFING TREATMENT</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
F-1	<b>Terrace Waterproofing Only IPS:</b> Removal of existing loose china chips tretment from terrace carting away debris from site. cleaning the surface complete Providing & applying one coat of chemical tretment on top of brick bat then providing & fixing of china chips tretment in patches where ever required or as instructed by the consultant's Engineer. <b>(7 years warranty)</b>	Sq.Ft.	QRO	175.00	0.00
F-2	<b>Terrace WaterProofing full :</b> Removal of existing I.P.S. waterproofing layer with brick bat upto slab level from main terrace carting debris away from site. cleaning and surface preparation complete & applying one coat of chemical on top of slab & Providing and laying New I.P.S. with brick bat. Providing & fixing china chips over I.P.S. surface with proper cleaning as per standard technical specification or as instructed by the Engineer. <b>(10 Years of Warranty)</b>	Sq.Ft.	QRO	250.00	0.00
F-2A	<b>Terrace top waterproofing coating work (7 years ) Dr Fixit Classic roof seal :</b> Providing and applying one coat of priming coat 2:1 dilution and applying 2 coat of New coat without dilution with laying mesh in proper coating between & Crack filling cleaning etc as per standard technical specification with Manufacturer or as instructed by the Engineer.	Sq.Ft.	3000	75.00	225000.00
F-3	<b>Waterproofing of Chajja/canopy Top :</b> Removal of existing I.P.S. tretment from Chajja top & Balcony top up to the brick bat coba level providiing & applying one coat of waterproofing coating on top of brick bat coba finally finishing the top with I.P.S. tretment as per technical specification & consultant Engineers instruction.	Sq.Ft.	800	110.00	88000.00
F-4	<b>Waterproofing of OHWT/Lift room/Pump Room top :</b> Removal of existing I.P.S. tretment from <b>OHWT/Lift room/Pump Room</b> Top up to the brick bat coba level providiing & applying one coat of waterproofing coating on top of brick bat coba finally finishing the top with I.P.S. tretment as per technical specification & consultant Engineers instruction.	Sq.Ft.	QRO	140.00	0.00
F-5	<b>R.C.C. coping:</b> Providing & Laying 4" thick (Avg) R.C.C. coping with M20 grade on top of parapet wall, Projecting 1" on either side of wall having slop both of side as per the instructions and as per technical specification or as instructed by the Engineer. (Steel will be charge extra )	R.Ft.	QRO	210.00	0.00
<b>F</b>	<b>TOTAL</b>				<b>313000.00</b>

<b>G- PAINTING WORKS</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qt</b>	<b>Rate</b>	<b>Amount</b>
G-1	<b>Crack Filling:</b> Opening of existing cracks in 'V' groove wall surface, cleaning the surface with water, applying bond coat to the surface in ratio (1:1) (Polymer: cement) and filling with polymer base crack filler.	R.Ft.	1800	10.00	18000.00
G-2	<b>Premium Acrylic Paint</b> : Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes if any and apply over the same one coat of cement paint as base coat and two coats of Apex Ultima Paint of approved brand as directed complete to the entire external surface with <b>Stilt area</b> . as directed by the Consultant / engineer. <b>(7 years)</b>	Sq.Ft.	QRO	16.00	0.00
G-3	<b>Elastromeric with waterproofing Paint</b> : Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes if any and apply over the same one coat of cement paint as base coat and two coats of <b>Dr.FIXIT RAINCOAT SELECT/ASIAN ULTIMA PROTECK/WEATHER COAT MAX Paint</b> of approved brand as directed complete to the entire external surface with OHT, terrace head room, Pump room, parapet wall, etc. as directed by the Consultant / engineer. <b>(10 years)</b>	Sq.Ft.	QRO	20.00	0.00
G-4	<b>Ruff and Tuff Texture</b> :Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes if any. providing and applying one coat of primer paint for entire external surface of building. Providing & Applying external Ruff & Tuff Structural Texture finish (texture Design) of approved brand as directed complete to the entire external surface thickness in average 2 to 4 mm as directed by the Consultant / engineer (Excluding paint).	Sq.Ft.	QRO	35.00	0.00
G-5	<b>Synthetic Enamel paint (Wood/Metallic Surfaces):</b> Wood / Metallic surface painting: Removing by scrapping old paint and cleaning with rust remover to prepare the old painted surfaces suitably and providing and applying one coat of metal primer and two or more coats of 1st quality synthetic enamel paint of approved make shade to steel work viz. grills, gate, weld mesh, wire mesh, rolling shutters, etc. as per specifications and finishing smoothly including scaffolding etc. complete as directed.	Sq.Ft.	QRO	16.00	0.00
G-6	<b>Acrylic Paint:</b> Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes Providing and applying two coats of acrylic Paint: on <b>Compound wall/ watchman cabin/Lift inside wall</b>	Sq.Ft.	QRO	12.00	0.00

G-7	<b>Oil Bound Distemper (staircase area):</b> Scrapping of existing paint from the walls and ceiling with sand paper, cleaning, filling cracks with specified crack filler, filling with putty, levelling and applying one coat of primer and two or more coats of Oil Bound Distemper (OBD) on ceilings and walls of approved shade including cost of labour, tools etc. complete.	Sq.Ft.	QRO	15.00	0.00
<b>G</b>	<b>TOTAL</b>				<b>18000.00</b>

<b>SUMMARY</b>		
Sr.No.	Description	Amount
A	PREPARATORY WORK	195000.00
B	STRUCTURAL WORK	168500.00
C	PLUMBING WORK	0.00
D	CIVIL WORK (EXTERNAL)	155500.00
E	CIVIL WORK (INTERNAL)	0.00
F	WATERPROOFING TREATMENT	313000.00
G	PAINTING WORK	18000.00
	<b>TOTAL</b>	<b>850000.00</b>

**In Words:- Eight Lakhs Fifty Thousand Rupess Only.**

Note: GST & Taxes Will be Applicable

For, **ADITECH CONSULTING ENGINEERS**

Authorized Signature

## B-Bldg

<b>A- PREPARATORY WORK</b>					
Sr.	<u>Description</u>	Unit	Appx.Qty	Rate	Amount
A-1	<b>Bamboo Scaffolding:</b> Erection of composite Scaffolding, with necessary protective measures such as jut cloth or hessian cloth.				
A-1-a	<b>Single /Double Scaffolding:</b>	Sq.Ft.	31000	4.00	124000.00
A-2	<b>Breaking of loose Plaster:</b> Identification of defective plaster area, demarcation of the same with distinct chalk or colour, getting approval and cutting the groove with electrical cutter to the depth of existing plaster and carefully breaking external plaster in patches or long stretches at all the levels, without damaging the plaster or Brick Work in the vicinity, collection of debris after the days work and storing within the allotted site upto to 5 cum, and disposing of the same as soon as the quantity exceeds 5 cum from the site by mechanical transport etc., complete as directed.				
		Sq.Ft.	1000	8.00	8000.00
A-3	<b>Ply protection:</b> Providing Ply protection work to the window with using 4mm wooden ply as per consultant Engineer instruction.				
		Sq.Ft.	QRO	28.00	0.00
A-4	<b>Removing &amp; Refixing of MS grills:</b> Removal of existing MS grills from window and re fixing the same after completion of work.				
		Sq.Ft.	QRO	35.00	0.00
A-5	<b>Aluminium shade:</b> Removing & fixing of New Aluminium shade & Making of cement watta for top corner as per consultant Engineers instruction.				
		Sq.Ft.	QRO	40.00	0.00
A-6	<b>WOODEN PLATFORM:-</b> Providing covering , erecting and maintaining in position a platform of wooden bamboos to protect the areas projecting outside the building wall surface, Removing the same after completing the external work as per Consultant's instruction.				
		Sq.Ft.	500	65.00	32500.00
A-7	<b>SAFETY NET:-</b> Providing & fixing safety net for the work to avoid debris falling to the ground to be executed only if necessary as per the consultant's instructions.				
		Sq.Ft.	1200	25.00	30000.00
A-8	<b>Aluminium Window:</b> Removing & Refixing of Aluminium Window including labour. Tools, & broken glass as per consultant Engineers instruction.				
		Sq.Ft.	QRO	55.00	0.00
A-9	<b>HDPE BIRD NET:-</b> Providing and Fixing new high-density polythylene (HDPE) 30mm x30mm bird net from 8th floor with new fitting and fixtures as per technical specification & consultant Engineers instruction.				
		Sq.Ft.	QRO	40.00	0.00
<b>A</b>	<b>TOTAL</b>				194500.00

ROOF-TOP (TYPE-B) CHSL.

<b>B- STRUCTURAL WORK</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
B-1	<b>POLYMER MODIFY MORTER (for R.C.C. load Structure)</b>				
a	Removal of existing loose concrete with chisel and hammer, opening of crack, cleaning with water, carting debris away from site, cleaning the surface with wire brush and washing concrete surface with water . Providing and Applying Rust Remover on existing exposed Reinforcement Bars. Providing and applying Rust Inhibition Coats / system to exposed rebars & also new rebars. Providing and applying raw Polymer Bond coat/ system to all exposed concrete surface and rebars prior to polymer treatment. Providing and applying polymer modified cement mortars of C.M 1:3 in specified ratio of polymer per bag of cement as per manufacturer specification OR in 1:5:15 in 20% doses ratio to RCC surfaces duly treated as above with appropriate thickness up to 25mm. More detailed specification to be referred as per technical specification or as instructed by the Consultant / Engineer.	Sq.Ft.	450	150.00	67500.00
b	Up to 25mm to 40mm	Sq.Ft.	QRO	150.00	0.00
B-2	<b>Injection Grouting:</b> Providing injection grouting with cementitious grout (Terrace slab) as instructed and shown by the engineer.				
B-2-a	Cement Grouts	Nos.	QRO	150.00	0.00
B-2-b	Chemical Grouts	Nos.	QRO	200.00	0.00
B-3	<b>Non-polymer</b> : Non-polymer work to R.C.C. pardi in 1:4 cement mortar proportion with embedding metal with chemical coating to the rusted steel.	Sq.Ft.	500	80.00	40000.00
B-4	<b>Reinforcement:</b> Providing & Fixing Reinforcement in different dia for coloumn, beam, chajjas, slab & coping as per consultant engineers instruction.	Kg.	QRO	90.00	0.00

B-5	<b>Joint filling:</b> Joint filling work between coloumn & brick work joint in 1:3 cement mortar with embedding metal as per consultant's Engineer insrtuction.	R.Ft.	QRO	40.00	0.00
B-6	<b>Micro concreting:</b> Micro concreting work for structural member such as coloumn, beam & chajjas as per consultant Engineers instruction.	Kg.	QRO	95.00	0.00
B-7	<b>Jacketing:</b> Breaking the existing concrete of culumn & beam and Jacketing the same by. providing additional reinforcement as specified with concrete M: 20 grade. including breaking of old RC sections, cutting of old bars, carting away debris, concreting, de-shuttering & providing shear connector, curing etc. as directed by CE (Rebars will be paid separately under relevant items)	Sq.Ft.	QRO	525.00	0.00
B-8	<b>Steel Props:</b> Providing & Fixing temporary steel props support to coloumn & beam as per consultant Engineers instruction.	Nos.	QRO	150.00	0.00
B-9	<b>Re-Casting :</b> Breaking the existing concrete of purdhi, chajjas, lintels, Slab, etc. and re- concrete the same by providing additional reinforcement as specified with concrete M: 20 grade. including scaffolding, breaking of old RC sections, cutting of old bars, carting away debris, shuttering, concreting, de-shuttering & providing shear connector, curing etc. as directed by CE (Rebars will be paid separately under relevant items)	Sq.Ft.	QRO	450.00	0.00
B-11	<b>Hack aidplast:-</b> Applying bond layer using "Hack Aidplast" (or equivalent) to the ceiling or elsewhere as per manufacturer's specifications and as directed by C.E.	Sq.Ft.	QRO	15.00	0.00
<b>B</b>	<b>TOTAL</b>				<b>107500.00</b>

<b>C- PLUMBING WORK</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
C-1	<b>Providing &amp; Fixing New P.V.C. pipe line with fitting &amp; fixtures as per technical specification &amp; consultant Engineers instruction.</b>				
C-1-a	4" Dia Toilet line.	R.Ft.	QRO	170.00	0.00
C-1-b	3" Dia Kitchen / Bath line	R.Ft.	QRO	150.00	0.00
C-1-c	2.5" Dia Gas Vent line	R.Ft.	QRO	120.00	0.00
C-1-d	4" Dia Rain water line	R.Ft.	QRO	140.00	0.00
C-1-e	2"Dia Balcony Dranage Line	R.Ft.	QRO	110.00	0.00
C-2	<b>Providing &amp; Fixing new U PVC pipe lines with new fittings &amp; fixtures as per technical specification &amp; consultant Engineers instruction. (necessary)</b>				
C-2-a	1 /2" Dia pipe	R.Ft.	QRO	100.00	0.00
C-2-b	3 /4" Dia pipe	R.Ft.	QRO	140.00	0.00
C-2-c	1" Dia Downtake Pipe	R.Ft.	QRO	150.00	0.00
C-2-d	1 1/4" dia Flush Line	R.Ft.	QRO	160.00	0.00
C-2-e	2 1/2" Dia Terrace Loop line	R.Ft.	QRO	220.00	0.00
C-3	<b>AC drainage Pipe work</b> : Providign and laying AC outlet drainage 1 1/4" dia PVC pipe vertical with branches connecter pipe and necessary fittings etc.as per technical	R.Ft.	QRO	75.00	0.00
C-4	<b>Providing &amp; Fixing new M.S. clamp</b> to fixed the Only P.V.C. pipe away from the wall as per consultant Engineers instruction.	Nos.	QRO	85.00	0.00
C-6	<b>Providing &amp; Fixing New UPVC connectors</b> with P.V.C. slive & Gabdaa as per technical specification & consultant Engineers insrtuction.	Nos.	QRO	200.00	0.00
C-7	<b>Providing &amp; Fixing of new Ball valve for terrace loop line from downtake line with new fitting &amp; fixtures as per technical specifiction &amp; consultant Engineers instruction.</b>				
C-7-a	1" dia Ball Valve	Nos.	QRO	900.00	0.00
C-7-b	1 1/4" dia Ball Vavle	Nos.	QRO	1200.00	0.00
C-7-c	2 1/2" Dia Ball Valve	Nos.	QRO	3500.00	0.00
C-7-d	2 1/2" Dia Downtake Water Pressure Valve	Nos.	QRO	4500.00	0.00
C-8	<b>Removing &amp; Refixing OLD PVC / UPVC</b> pipes(Patch work) of Specially Plumbing Joints Leakage PVC / UPVC line any dia with new fitting / fixtures & finish Gabada as per technical specification & consultant Engineers insrtuction.	Nos.	QRO	700.00	0.00
C-9	<b>RAT CAPE-</b> : Providing and Fixing new rat cape from ground floor with new fitting and fixtures as per technical specification & consultant Engineers insrtuction.	Nos.	QRO	450.00	0.00
C-10	<b>HDPE BIRD NET-</b> : Providing and Fixing new high-density polythylene (HDPE) 30mm x30mm bird net from 8th floor with new fitting and fixtures as per technical specification & consultant Engineers insrtuction.	Sq. ft	QRO	10.00	0.00
<b>C</b>	<b>TOTAL</b>				<b>0.00</b>

<b>D- CIVIL WORK (EXTERNAL)</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
D-1	<b>Dash Coat:</b> Applying one layer of dash coat of 1:4 Cement mortar on extensively damage brick wall surface, impregnating brick bat pieces in the plaster as per technical specification or as instructed by the Engineer.	Sq.Ft.	400	40.00	16000.00
D-2	<b>Sandface Plaster:</b> Covering entire surface from hassein cloth & Breaking of old external plaster of any thickness and at all levels, carting debris away from site. Providing and applying Double Coat Sand Face Plaster (25 mm thick min. ) in C.M. ratio 1:4, including appropriate admixture and <b>Watta, Drip mould / Bands / Pattas etc.</b> complete as per the instructions and as per technical specification or as instructed by the Engineer.	Sq.Ft.	1000	85.00	85000.00
D-3	<b>R.C.C. Grill:</b> Removing the existing RCC Grills of the lift room area, providing & fixing new RCC Grills of approved design , of thickness 1.5 inches Including scaffolding curing etc. complete, as directed by C.E.	Sq.Ft.	QRO	185.00	0.00
D-4	Providing & raising Brickwork in C:S 1:4 as per T:S 33 including curing etc. complete & as directed by C.E.				
a	9" thick	Sq.Ft.	QRO	250.00	0.00
b	4" thick	Sq.Ft.	QRO	180.00	0.00
D-5	<b>Cement watta:</b> Providing and laying cement watta with brick pointing and finishing cement gottai on weather shed junction place cleaning etc complete & as directed by C.E.	R.ft	QRO	70.00	0.00
<b>D</b>	<b>TOTAL</b>				<b>101000.00</b>

<b>E- CIVIL WORK (INTERNAL Flats/Staircase)</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx. Qty</b>	<b>Rate</b>	<b>Amount</b>
E-1	<b>R.C.C. Repair With Polymer Mortar:</b> Removing Loose/ Cracked Plaster Concrete from R.C.C. column, beams, slabs etc. removing loose rust by chipping and wire brushing, giving proper Rust Converter and Rust Passivator treatment to reinforcement. Providing and applying polymer modified cement mortars of C.M 1:3 in specified ratio of polymer per bag of cement as per manufacturer specification OR in 1:5:15 in 20% doses ratio to RCC surfaces duly treated as above with appropriate thickness. More detailed specification to be referred as per technical specification or as instructed by the Consultant / Engineer.	Sq.Ft.	QRO	130.00	0.00
E-2	<b>Internal Plaster - Single Coat with Neeru Finish:</b> Providing and applying internal cement plaster, single coat, after necessary breaking / hacking of existing loose or damaged plaster, cleaning the surface and preparing the background. Plastering to be done in cement mortar proportion 1:4 or as directed by the Consultant / Engineer. The work shall include proper leveling, finishing, curing and finishing with smooth neeru (lime) finish, complete in all respects, as per specifications and instructions of the Consultant / Engineer. (Including breaking wherever required) <b>(Wing- A-B-C)</b>	Sq.Ft.	QRO	85.00	0.00
E-3	<b>Same as item no- B- 6 Micro Concrete</b>	Kg	QRO	95.00	0.00
<b>E</b>	<b>TOTAL</b>				<b>0.00</b>

<b>F- WATERPROOFING TREATMENT</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
F-1	<b>Terrace Waterproofing Only IPS:</b> Removal of existing loose china chips tretment from terrace carting away debris from site. cleaning the surface complete Providing & applying one coat of chemical tretment on top of brick bat then providing & fixing of china chips tretment in patches where ever required or as instructed by the consultant's Engineer. <b>(7 years warranty)</b>	Sq.Ft.	QRO	175.00	0.00
F-2	<b>Terrace WaterProofing full :</b> Removal of existing I.P.S. waterproofing layer with brick bat upto slab level from main terrace carting debris away from site. cleaning and surface preparation complete & applying one coat of chemical on top of slab & Providing and laying New I.P.S. with brick bat. Providing & fixing china chips over I.P.S. surface with proper cleaning as per standard technical specification or as instructed by the Engineer. <b>(10 Years of Warranty)</b>	Sq.Ft.	QRO	250.00	0.00
F-2A	<b>Terrace top waterproofing coating work (7 years ) Dr Fixit Classic roof seal :</b> Providing and applying one coat of priming coat 2:1 dilution and applying 2 coat of New coat without dilution with laying mesh in proper coating between & Crack filling cleaning etc as per standard technical specification with Manufacturer or as instructed by the Engineer.	Sq.Ft.	4070	75.00	305250.00
F-3	<b>Waterproofing of Chajja/canopy Top :</b> Removal of existing I.P.S. tretment from Chajja top & Balcony top up to the brick bat coba level providiing & applying one coat of waterproofing coating on top of brick bat coba finally finishing the top with I.P.S. tretment as per technical specification & consultant Engineers instruction.	Sq.Ft.	600	110.00	66000.00
F-4	<b>Waterproofing of OHWT/Lift room/Pump Room top :</b> Removal of existing I.P.S. tretment from <b>OHWT/Lift room/Pump Room</b> Top up to the brick bat coba level providiing & applying one coat of waterproofing coating on top of brick bat coba finally finishing the top with I.P.S. tretment as per technical specification & consultant Engineers instruction.	Sq.Ft.	QRO	140.00	0.00
F-5	<b>R.C.C. coping:</b> Providing & Laying 4" thick (Avg) R.C.C. coping with M20 grade on top of parapet wall, Projecting 1" on either side of wall having slop both of side as per the instructions and as per technical specification or as instructed by the Engineer. (Steel will be charge extra )	R.Ft.	QRO	210.00	0.00
<b>F</b>	<b>TOTAL</b>				<b>371250.00</b>

<b>G- PAINTING WORKS</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qt</b>	<b>Rate</b>	<b>Amount</b>
G-1	<b>Crack Filling:</b> Opening of existing cracks in 'V' groove wall surface, cleaning the surface with water, applying bond coat to the surface in ratio (1:1) (Polymer: cement) and filling with polymer base crack filler.	R.Ft.	1500	10.00	15000.00
G-2	<b>Premium Acrylic Paint</b> : Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes if any and apply over the same one coat of cement paint as base coat and two coats of Apex Ultima Paint of approved brand as directed complete to the entire external surface with <b>Stilt area</b> . as directed by the Consultant / engineer. <b>(7 years)</b>	Sq.Ft.	QRO	16.00	0.00
G-3	<b>Elastromeric with waterproofing Paint</b> : Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes if any and apply over the same one coat of cement paint as base coat and two coats of <b>Dr.FIXIT RAINCOAT SELECT/ASIAN ULTIMA PROTECK/WEATHER COAT MAX Paint</b> of approved brand as directed complete to the entire external surface with OHT, terrace head room, Pump room, parapet wall, etc. as directed by the Consultant / engineer. <b>(10 years)</b>	Sq.Ft.	QRO	20.00	0.00
G-4	<b>Ruff and Tuff Texture</b> :Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes if any. providing and applying one coat of primer paint for entire external surface of building. Providing & Applying external Ruff & Tuff Structural Texture finish (texture Design) of approved brand as directed complete to the entire external surface thickness in average 2 to 4 mm as directed by the Consultant / engineer (Excluding paint).	Sq.Ft.	QRO	35.00	0.00
G-5	<b>Synthetic Enamel paint (Wood/Metallic Surfaces):</b> Wood / Metallic surface painting: Removing by scrapping old paint and cleaning with rust remover to prepare the old painted surfaces suitably and providing and applying one coat of metal primer and two or more coats of 1st quality synthetic enamel paint of approved make shade to steel work viz. grills, gate, weld mesh, wire mesh, rolling shutters, etc. as per specifications and finishing smoothly including scaffolding etc. complete as directed.	Sq.Ft.	QRO	16.00	0.00
G-6	<b>Acrylic Paint:</b> Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes Providing and applying two coats of acrylic Paint: on <b>Compound wall/ watchman cabin/Lift inside wall</b>	Sq.Ft.	QRO	12.00	0.00

G-7	<b>Oil Bound Distemper (staircase area):</b> Scrapping of existing paint from the walls and ceiling with sand paper, cleaning, filling cracks with specified crack filler, filling with putty, levelling and applying one coat of primer and two or more coats of Oil Bound Distemper (OBD) on ceilings and walls of approved shade including cost of labour, tools etc. complete.	Sq.Ft.	QRO	15.00	0.00
<b>G</b>	<b>TOTAL</b>				<b>15000.00</b>

<b>SUMMARY</b>		
Sr.No.	Description	Amount
A	PREPARATORY WORK	194500.00
B	STRUCTURAL WORK	107500.00
C	PLUMBING WORK	0.00
D	CIVIL WORK (EXTERNAL)	101000.00
E	CIVIL WORK (INTERNAL)	0.00
F	WATERPROOFING TREATMENT	371250.00
G	PAINTING WORK	15000.00
	<b>TOTAL</b>	<b>789250.00</b>

**In Words:- Seven Lakhs Eighty Nine Thousand Two Hundred Fifty Rupess Only.**

Note: GST & Taxes Will be Applicable

For, **ADITECH CONSULTING ENGINEERS**

Authorized Signature

## A-Bldg

<b>A- PREPARATORY WORK</b>					
Sr.	<u>Description</u>	Unit	Appx.Qty	Rate	Amount
A-1	<b>Bamboo Scaffolding:</b> Erection of composite Scaffolding, with necessary protective measures such as jut cloth or hessian cloth.				
A-1-a	<b>Single /Double Scaffolding:</b>	Sq.Ft.	28000	4.00	112000.00
A-2	<b>Breaking of loose Plaster:</b> Identification of defective plaster area, demarcation of the same with distinct chalk or colour, getting approval and cutting the groove with electrical cutter to the depth of existing plaster and carefully breaking external plaster in patches or long stretches at all the levels, without damaging the plaster or Brick Work in the vicinity, collection of debris after the days work and storing within the allotted site upto to 5 cum, and disposing of the same as soon as the quantity exceeds 5 cum from the site by mechanical transport etc., complete as directed.				
		Sq.Ft.	800	8.00	6400.00
A-3	<b>Ply protection:</b> Providing Ply protection work to the window with using 4mm wooden ply as per consultant Engineer instruction.				
		Sq.Ft.	QRO	28.00	0.00
A-4	<b>Removing &amp; Refixing of MS grills:</b> Removal of existing MS grills from window and re fixing the same after completion of work.				
		Sq.Ft.	QRO	35.00	0.00
A-5	<b>Aluminium shade:</b> Removing & fixing of New Aluminium shade & Making of cement watta for top corner as per consultant Engineers instruction.				
		Sq.Ft.	QRO	40.00	0.00
A-6	<b>WOODEN PLATFORM:-</b> Providing covering , erecting and maintaining in position a platform of wooden bamboos to protect the areas projecting outside the building wall surface, Removing the same after completing the external work as per Consultant's instruction.				
		Sq.Ft.	200	65.00	13000.00
A-7	<b>SAFETY NET:-</b> Providing & fixing safety net for the work to avoid debris falling to the ground to be executed only if necessary as per the consultant's instructions.				
		Sq.Ft.	500	25.00	12500.00
A-8	<b>Aluminium Window:</b> Removing & Refixing of Aluminium Window including labour. Tools, & broken glass as per consultant Engineers instruction.				
		Sq.Ft.	QRO	55.00	0.00
A-9	<b>HDPE BIRD NET:-</b> Providing and Fixing new high-density polythylene (HDPE) 30mm x30mm bird net from 8th floor with new fitting and fixtures as per technical specification & consultant Engineers instruction.				
		Sq.Ft.	QRO	40.00	0.00
<b>A</b>	<b>TOTAL</b>				143900.00

<b>B- STRUCTURAL WORK</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
B-1	<b>POLYMER MODIFY MORTER (for R.C.C. load Structure)</b>				
a	Removal of existing loose concrete with chisel and hammer, opening of crack, cleaning with water, carting debris away from site, cleaning the surface with wire brush and washing concrete surface with water . Providing and Applying Rust Remover on existing exposed Reinforcement Bars. Providing and applying Rust Inhibition Coats / system to exposed rebars & also new rebars. Providing and applying raw Polymer Bond coat/ system to all exposed concrete surface and rebars prior to polymer treatment. Providing and applying polymer modified cement mortars of C.M 1:3 in specified ratio of polymer per bag of cement as per manufacturer specification OR in 1:5:15 in 20% doses ratio to RCC surfaces duly treated as above with appropriate thickness up to 25mm. More detailed specification to be referred as per technical specification or as instructed by the Consultant / Engineer.	Sq.Ft.	400	150.00	60000.00
b	Up to 25mm to 40mm	Sq.Ft.	QRO	150.00	0.00
B-2	<b>Injection Grouting:</b> Providing injection grouting with cementitious grout (Terrace slab) as instructed and shown by the engineer.				
B-2-a	Cement Grouts	Nos.	QRO	150.00	0.00
B-2-b	Chemical Grouts	Nos.	QRO	200.00	0.00
B-3	<b>Non-polymer :</b> Non-polymer work to R.C.C. pardi in 1:4 cement mortar proportion with embedding metal with chemical coating to the rusted steel.	Sq.Ft.	500	80.00	40000.00
B-4	<b>Reinforcement:</b> Providing & Fixing Reinforcement in different dia for coloumn, beam, chajjas, slab & coping as per consultant engineers instruction.	Kg.	QRO	90.00	0.00
B-5	<b>Joint filling:</b> Joint filling work between coloumn & brick work joint in 1:3 cement mortar with embedding metal as per consultant's Engineer insrtuction.	R.Ft.	QRO	40.00	0.00
B-6	<b>Micro concreting:</b> Micro concreting work for structural member such as coloumn, beam & chajjas as per consultant Engineers instruction.	Kg.	QRO	95.00	0.00

B-7	<b>Jacketing:</b> Breaking the existing concrete of culumn & beam and Jacketing the same by. providing additional reinforcement as specified with concrete M: 20 grade. including breaking of old RC sections, cutting of old bars, carting away debris, concreting, de-shuttering & providing shear connector, curing etc. as directed by CE (Rebars will be paid separately under relevant items)	Sq.Ft.	QRO	525.00	0.00
B-8	<b>Steel Props:</b> Providing & Fixing temporary steel props support to coloumn & beam as per consultant Engineers instruction.	Nos.	QRO	150.00	0.00
B-9	<b>Re-Casting :</b> Breaking the existing concrete of purdhi, chajjas, lintels, Slab, etc. and re- concrete the same by providing additional reinforcement as specified with concrete M: 20 grade. including scaffolding, breaking of old RC sections, cutting of old bars, carting away debris, shuttering, concreting, de-shuttering & providing shear connector, curing etc. as directed by CE (Rebars will be paid separately under relevant items)	Sq.Ft.	QRO	450.00	0.00
B-11	<b>Hack aidplast:-</b> Applying bond layer using "Hack Aidplast" (or equivalent) to the ceiling or elsewhere as per manufacturer's specifications and as directed by C.E.	Sq.Ft.	QRO	15.00	0.00
<b>B</b>	<b>TOTAL</b>				<b>100000.00</b>

<b>C- PLUMBING WORK</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
C-1	<b>Providing &amp; Fixing New P.V.C. pipe line with fitting &amp; fixtures as per technical specification &amp; consultant Engineers instruction.</b>				
C-1-a	4" Dia Toilet line.	R.Ft.	QRO	170.00	0.00
C-1-b	3" Dia Kitchen / Bath line	R.Ft.	QRO	150.00	0.00
C-1-c	2.5" Dia Gas Vent line	R.Ft.	QRO	120.00	0.00
C-1-d	4" Dia Rain water line	R.Ft.	QRO	140.00	0.00
C-1-e	2"Dia Balcony Dranage Line	R.Ft.	QRO	110.00	0.00
C-2	<b>Providing &amp; Fixing new U PVC pipe lines with new fittings &amp; fixtures as per technical specification &amp; consultant Engineers instruction. (necessary)</b>				
C-2-a	1 /2" Dia pipe	R.Ft.	QRO	100.00	0.00
C-2-b	3 /4" Dia pipe	R.Ft.	QRO	140.00	0.00
C-2-c	1" Dia Downtake Pipe	R.Ft.	QRO	150.00	0.00
C-2-d	1 1/4" dia Flush Line	R.Ft.	QRO	160.00	0.00
C-2-e	2 1/2" Dia Terrace Loop line	R.Ft.	QRO	220.00	0.00
C-3	<b>AC drainage Pipe work</b> : Providign and laying AC outlet drainage 1 1/4" dia PVC pipe vertical with branches connecter pipe and necessary fittings etc.as per technical	R.Ft.	QRO	75.00	0.00
C-4	<b>Providing &amp; Fixing new M.S. clamp</b> to fixed the Only P.V.C. pipe away from the wall as per consultant Engineers instruction.	Nos.	QRO	85.00	0.00
C-6	<b>Providing &amp; Fixing New UPVC connectors</b> with P.V.C. slive & Gabdaa as per technical specification & consultant Engineers insrtuction.	Nos.	QRO	200.00	0.00
C-7	<b>Providing &amp; Fixing of new Ball valve for terrace loop line from downtake line with new fitting &amp; fixtures as per technical specifiction &amp; consultant Engineers instruction.</b>				
C-7-a	1" dia Ball Valve	Nos.	QRO	900.00	0.00
C-7-b	1 1/4" dia Ball Vavle	Nos.	QRO	1200.00	0.00
C-7-c	2 1/2" Dia Ball Valve	Nos.	QRO	3500.00	0.00
C-7-d	2 1/2" Dia Downtake Water Pressure Valve	Nos.	QRO	4500.00	0.00
C-8	<b>Removing &amp; Refixing OLD PVC / UPVC</b> pipes(Patch work) of Specially Plumbing Joints Leakage PVC / UPVC line any dia with new fitting / fixtures & finish Gabada as per technical specification & consultant Engineers insrtuction.	Nos.	QRO	700.00	0.00
C-9	<b>RAT CAPE-</b> : Providing and Fixing new rat cape from ground floor with new fitting and fixtures as per technical specification & consultant Engineers insrtuction.	Nos.	QRO	450.00	0.00
C-10	<b>HDPE BIRD NET-</b> : Providing and Fixing new high-density polythylene (HDPE) 30mm x30mm bird net from 8th floor with new fitting and fixtures as per technical specification & consultant Engineers insrtuction.	Sq. ft	QRO	10.00	0.00
<b>C</b>	<b>TOTAL</b>				<b>0.00</b>

<b>D- CIVIL WORK (EXTERNAL)</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
D-1	<b>Dash Coat:</b> Applying one layer of dash coat of 1:4 Cement mortar on extensively damage brick wall surface, impregnating brick bat pieces in the plaster as per technical specification or as instructed by the Engineer.	Sq.Ft.	300	40.00	12000.00
D-2	<b>Sandface Plaster:</b> Covering entire surface from hassein cloth & Breaking of old external plaster of any thickness and at all levels, carting debris away from site. Providing and applying Double Coat Sand Face Plaster (25 mm thick min. ) in C.M. ratio 1:4, including appropriate admixture and <b>Watta, Drip mould / Bands / Pattas etc.</b> complete as per the instructions and as per technical specification or as instructed by the Engineer.	Sq.Ft.	800	85.00	68000.00
D-3	<b>R.C.C. Grill:</b> Removing the existing RCC Grills of the lift room area, providing & fixing new RCC Grills of approved design , of thickness 1.5 inches Including scaffolding curing etc. complete, as directed by C.E.	Sq.Ft.	QRO	185.00	0.00
D-4	Providing & raising Brickwork in C:S 1:4 as per T:S 33 including curing etc. complete & as directed by C.E.				
a	9" thick	Sq.Ft.	QRO	250.00	0.00
b	4" thick	Sq.Ft.	QRO	180.00	0.00
D-5	<b>Cement watta:</b> Providing and laying cement watta with brick pointing and finishing cement gottai on weather shed junction place cleaning etc complete & as directed by C.E.	R.ft	QRO	70.00	0.00
<b>D</b>	<b>TOTAL</b>				<b>80000.00</b>

<b>E- CIVIL WORK (INTERNAL Flats/Staircase)</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx. Qty</b>	<b>Rate</b>	<b>Amount</b>
E-1	<b>R.C.C. Repair With Polymer Mortar:</b> Removing Loose/ Cracked Plaster Concrete from R.C.C. column, beams, slabs etc. removing loose rust by chipping and wire brushing, giving proper Rust Converter and Rust Passivator treatment to reinforcement. Providing and applying polymer modified cement mortars of C.M 1:3 in specified ratio of polymer per bag of cement as per manufacturer specification OR in 1:5:15 in 20% doses ratio to RCC surfaces duly treated as above with appropriate thickness. More detailed specification to be referred as per technical specification or as instructed by the Consultant / Engineer.	Sq.Ft.	QRO	130.00	0.00
E-2	<b>Internal Plaster - Single Coat with Neeru Finish:</b> Providing and applying internal cement plaster, single coat, after necessary breaking / hacking of existing loose or damaged plaster, cleaning the surface and preparing the background. Plastering to be done in cement mortar proportion 1:4 or as directed by the Consultant / Engineer. The work shall include proper leveling, finishing, curing and finishing with smooth neeru (lime) finish, complete in all respects, as per specifications and instructions of the Consultant / Engineer. (Including breaking wherever required) <b>(Wing- A-B-C)</b>	Sq.Ft.	QRO	85.00	0.00
E-3	<b>Same as item no- B- 6 Micro Concrete</b>	Kg	QRO	95.00	0.00
<b>E</b>	<b>TOTAL</b>				<b>0.00</b>

<b>F- WATERPROOFING TREATMENT</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
F-1	<b>Terrace Waterproofing Only IPS:</b> Removal of existing loose china chips tretment from terrace carting away debris from site. cleaning the surface complete Providing & applying one coat of chemical tretment on top of brick bat then providing & fixing of china chips tretment in patches where ever required or as instructed by the consultant's Engineer. <b>(7 years warranty)</b>	Sq.Ft.	QRO	175.00	0.00
F-2	<b>Terrace WaterProofing full :</b> Removal of existing I.P.S. waterproofing layer with brick bat upto slab level from main terrace carting debris away from site. cleaning and surface preparation complete & applying one coat of chemical on top of slab & Providing and laying New I.P.S. with brick bat. Providing & fixing china chips over I.P.S. surface with proper cleaning as per standard technical specification or as instructed by the Engineer. <b>(10 Years of Warranty)</b>	Sq.Ft.	QRO	250.00	0.00
F-2A	<b>Terrace top waterproofing coating work (7 years ) Dr Fixit Classic roof seal :</b> Providing and applying one coat of priming coat 2:1 dilution and applying 2 coat of New coat without dilution with laying mesh in proper coating between & Crack filling cleaning etc as per standard technical specification with Manufacturer or as instructed by the Engineer.	Sq.Ft.	6500	75.00	487500.00
F-3	<b>Waterproofing of Chajja/canopy Top :</b> Removal of existing I.P.S. tretment from Chajja top & Balcony top up to the brick bat coba level providiing & applying one coat of waterproofing coating on top of brick bat coba finally finishing the top with I.P.S. tretment as per technical specification & consultant Engineers instruction.	Sq.Ft.	500	110.00	55000.00
F-4	<b>Waterproofing of OHWT/Lift room/Pump Room top :</b> Removal of existing I.P.S. tretment from <b>OHWT/Lift room/Pump Room</b> Top up to the brick bat coba level providiing & applying one coat of waterproofing coating on top of brick bat coba finally finishing the top with I.P.S. tretment as per technical specification & consultant Engineers instruction.	Sq.Ft.	QRO	140.00	0.00
F-5	<b>R.C.C. coping:</b> Providing & Laying 4" thick (Avg) R.C.C. coping with M20 grade on top of parapet wall, Projecting 1" on either side of wall having slop both of side as per the instructions and as per technical specification or as instructed by the Engineer. (Steel will be charge extra )	R.Ft.	QRO	210.00	0.00
<b>F</b>	<b>TOTAL</b>				<b>542500.00</b>

G- PAINTING WORKS					
Sr. No.	Description	Unit	Appx.Qt	Rate	Amount
G-1	<b>Crack Filling:</b> Opening of existing cracks in 'V' groove wall surface, cleaning the surface with water, applying bond coat to the surface in ratio (1:1) (Polymer: cement) and filling with polymer base crack filler.	R.Ft.	1500	10.00	15000.00
G-2	<b>Premium Acrylic Paint</b> : Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes if any and apply over the same one coat of cement paint as base coat and two coats of Apex Ultima Paint of approved brand as directed complete to the entire external surface with <b>Stilt area</b> . as directed by the Consultant / engineer. <b>(7 years)</b>	Sq.Ft.	QRO	16.00	0.00
G-3	<b>Elastomeric with waterproofing Paint</b> : Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes if any and apply over the same one coat of cement paint as base coat and two coats of <b>Dr.FIXIT RAINCOAT SELECT/ASIAN ULTIMA PROTECK/WEATHER COAT MAX Paint</b> of approved brand as directed complete to the entire external surface with OHT, terrace head room, Pump room, parapet wall, etc. as directed by the Consultant / engineer. <b>(10 years)</b>	Sq.Ft.	QRO	20.00	0.00
G-4	<b>Ruff and Tuff Texture</b> :Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes if any. providing and applying one coat of primer paint for entire external surface of building. Providing & Applying external Ruff & Tuff Structural Texture finish (texture Design) of approved brand as directed complete to the entire external surface thickness in average 2 to 4 mm as directed by the Consultant / engineer (Excluding paint).	Sq.Ft.	QRO	35.00	0.00
G-5	<b>Synthetic Enamel paint (Wood/Metallic Surfaces):</b> Wood / Metallic surface painting: Removing by scrapping old paint and cleaning with rust remover to prepare the old painted surfaces suitably and providing and applying one coat of metal primer and two or more coats of 1st quality synthetic enamel paint of approved make shade to steel work viz. grills, gate, weld mesh, wire mesh, rolling shutters, etc. as per specifications and finishing smoothly including scaffolding etc. complete as directed.	Sq.Ft.	QRO	16.00	0.00
G-6	<b>Acrylic Paint:</b> Thoroughly scraping and cleaning newly plastered surfaces and removing old loose flakes Providing and applying two coats of acrylic Paint: on <b>Compound wall/ watchman cabin/Lift inside wall</b>	Sq.Ft.	QRO	12.00	0.00

G-7	<b>Oil Bound Distemper (staircase area):</b> Scrapping of existing paint from the walls and ceiling with sand paper, cleaning, filling cracks with specified crack filler, filling with putty, levelling and applying one coat of primer and two or more coats of Oil Bound Distemper (OBD) on ceilings and walls of approved shade including cost of labour, tools etc. complete.	Sq.Ft.	QRO	15.00	0.00
<b>G</b>	<b>TOTAL</b>				<b>15000.00</b>

<b>SUMMARY</b>		
Sr.No.	Description	Amount
A	PREPARATORY WORK	143900.00
B	STRUCTURAL WORK	100000.00
C	PLUMBING WORK	0.00
D	CIVIL WORK (EXTERNAL)	80000.00
E	CIVIL WORK (INTERNAL)	0.00
F	WATERPROOFING TREATMENT	542500.00
G	PAINTING WORK	15000.00
	<b>TOTAL</b>	<b>881400.00</b>

**In Words:- Eight Lakhs Eightyone Thousand Four Hundred Rupess Only.**

Note: GST & Taxes Will be Applicable

For, **ADITECH CONSULTING ENGINEERS**

Authorized Signature

<b>A- CIVIL WORK</b>					
<b>Sr.</b>	<b>Description</b>	<b>Unit</b>	<b>Appx.Qty</b>	<b>Rate</b>	<b>Amount</b>
A-1	<b>R.C.C. Repair With Polymer Mortar:</b> Removing Loose/ Cracked Plaster Concrete from R.C.C. column, beams, slabs etc. removing loose rust by chipping and wire brushing, giving proper Rust Converter and Rust Passivator treatment to reinforcement. Providing and applying polymer modified cement mortars of C.M 1:3 in specified ratio of polymer per bag of cement as per manufacturer specification OR in 1:5:15 in 20% doses ratio to RCC surfaces duly treated as above with appropriate thickness. More detailed specification to be referred as per technical specification or as instructed by the Consultant / Engineer. <b>(Wing- A-B-C)</b>	Sq.Ft.	3132	130.00	407160.00
A-2	<b>Internal Plaster - Single Coat with Neeru Finish:</b> Providing and applying internal cement plaster, single coat, after necessary breaking / hacking of existing loose or damaged plaster, cleaning the surface and preparing the background. Plastering to be done in cement mortar proportion 1:4 or as directed by the Consultant / Engineer. The work shall include proper leveling, finishing, curing and finishing with smooth neeru (lime) finish, complete in all respects, as per specifications and instructions of the Consultant / Engineer. (Including breaking wherever required) <b>(Wing- A-B-C)</b>	Sq.Ft.	4356	85.00	370260.00
A-3	<b>Reinforcement:</b> Providing & Fixing Reinforcement in different dia for column, beam, chajjas, slab & coping as per consultant engineers instruction.	Kg.	100	90.00	9000.00
A-4	<b>Micro concreting:</b> Micro concreting work for structural member such as column, beam & chajjas as per consultant Engineers instruction.	Kg	QRO	110.00	0.00
A-5	<b>Jacketing:</b> Breaking the existing concrete of column & beam and Jacketing the same by providing additional reinforcement as specified with concrete M: 20 grade. including breaking of old RC sections, cutting of old bars, carting away debris, concreting, de-shuttering & providing shear connector, curing etc. as directed by CE (Rebars will be paid separately under relevant items)	Sq.Ft.	QRO	525.00	0.00
A-6	<b>Steel Props:</b> Providing & Fixing temporary steel props support to column & beam as per consultant Engineers instruction.	Nos.	100	150.00	15000.00
A-7	<b>Hack aidplast:-</b> Applying bond layer using "Hack Aidplast" (or equivalent) to the ceiling or elsewhere as per manufacturer's specifications and as directed by C.E.	Sq.Ft.	QRO	15.00	0.00

<b>A</b>	<b><u>TOTAL</u></b>				<b>801420.00</b>
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<b>SUMMARY</b>		
Sr.No.	Description	Amount
A	STRUCTURAL WORK & CIVIL WORK	801420.00
	<b>TOTAL</b>	<b>801420.00</b>

**In Words:- Eight Lakhs One Thousand Four Hundred Twenty Rupess Only.**

Note: GST & Taxes Will be Applicable

For, **ADITECH CONSULTING ENGINEERS**

Authorized Signature

# ADITECH CONSULTING ENGINEERS

STRUCTURAL ENGINEERS, BUILDING REPAIRS & REHABILITATIONS  
PROJECT MANAGEMENT CONSULTANTS

14/103, Motilal Nagar No.3, Jain Hospital Lane, M.G. Road, Goregaon (West), Mumbai- 400090,  
•Email:aditechengineers@gmail.com • Tel.: +91 8104167274 / 9987022511



**AdiTech**  
CONSULTING ENGINEERS

Date: 26/ 02/2026

To,  
The Chairman / Secretary  
Roof Top Co-operative Housing Society Ltd.  
Mahakali Caves Road,  
Andheri (East)  
Mumbai-400069

**Subject: Revised Proposal with Detailed Break-up for Internal Structural Repairs & Terrace Waterproofing.**

Respected Sir

With reference to our site inspection and detailed survey of internal flats and terrace areas, we hereby submit a revised proposal with detailed cost break-up for internal structural repair works and terrace waterproofing for your building.

## **1. Internal Flats – Structural Repair Work (With Detailed Break-up)**

Scope of Structural Repair Work:

RCC repairs to beams, columns & ceilings, Polymer-modified repair mortar reamendment-corrosion treatment to exposed reinforcement All works as per standard structural repair practices,

### **Scope of Breaking & Plastering Work:**

Breaking and removal of loose/damaged plaster

Surface preparation-plastering of repaired areas with proper curing



A- CIVIL WORK (INTERNAL Flats)					
Sr.	Description	Unit	Appx.Qty	Rate	Amount
A-1	<b>R.C.C. Repair With Polymer Mortar:</b> Removing Loose/ Cracked Plaster Concrete from R.C.C. column, beams, slabs etc. removing loose rust by chipping and wire brushing, giving proper Rust Converter and Rust Passivator treatment to reinforcement. Providing and applying polymer modified cement mortars of C.M 1:3 in specified ratio of polymer per bag of cement as per manufacturer specification OR in 1:5:15 in 20% doses ratio to RCC surfaces duly treated as above with appropriate thickness. More detailed specification to be referred as per technical specification or as instructed by the Consultant / Engineer. <b>(Wing- A-B-C)</b>	Sq.Ft.	3132	130.00	407160.00
A-2	<b>Internal Plaster - Single Coat with Neeru Finish:</b> Providing and applying internal cement plaster, single coat, after necessary breaking / hacking of existing loose or damaged plaster, cleaning the surface and preparing the background. Plastering to be done in cement mortar proportion 1:4 or as directed by the Consultant / Engineer. The work shall include proper leveling, finishing, curing and finishing with smooth neeru (lime) finish, complete in all respects, as per specifications and instructions of the Consultant / Engineer. (Including breaking wherever required) <b>(Wing- A-B-C)</b>	Sq.Ft.	4356	85.00	370260.00
A-3	<b>Reinforcement:</b> Providing & Fixing Reinforcement in different dia for coloumn, beam, chajjas, slab & coping as per consultant engineers instruction.	Kg.	100	90.00	9000.00
A-4	<b>Micro concreting:</b> Micro concreting work for structural member such as coloumn, beam & chajjas as per consultant Engineers instruction.	Kg	QRO	110.00	0.00
A-5	<b>Jacketing:</b> Breaking the existing concrete of culumn & beam and Jacketing the same by providing additional reinforcement as specified with concrete M: 20 grade. including breaking of old RC sections, cutting of old bars, carting away debris, concreting, de-shuttering & providing shear connector, curing etc. as directed by CE (Rebars will be paid separately under relevant items)	Sq.Ft.	QRO	525.00	0.00
A-6	<b>Steel Props:</b> Providing & Fixing temporary steel props support to coloumn & beam as per consultant Engineers instruction.	Nos.	100	150.00	15000.00
A-7	<b>Hack aidplast:-</b> Applying bond layer using "Hack Aidplast" (or equivalent) to the ceiling or elsewhere as per manufacturer's specifications and as directed by C.E.	Sq.Ft.	QRO	15.00	0.00
A	<b>TOTAL</b>				<b>801420.00</b>



B- WATERPROOFING TREATMENT					
Sr.	Description	Unit	Appx.Qty	Rate	Amount
B-1	<b>Terrace top waterproofing coating work (7 years ) Dr. Fixit Classic roof seal</b> : Providing and applying one coat of priming coat 2:1 dilution and applying 2 coat of New coat without dilution with laying mesh in proper coating between & Crack filling cleaning etc as per standard technical specification with Manufacturer or as instructed by the Engineer. <b>(Wing- A-B-C)</b>	Sq.Ft.	12330	75.00	924750.00
<b>B</b>	<b>TOTAL</b>				<b>924750.00</b>

SUMMARY		
Sr.No.	Description	Amount
A	STRUCTURAL WORK & CIVIL	801420.00
B	WATERPROOFING TREATMENT	924750.00
	<b>TOTAL</b>	<b>1726170.00</b>

**In Words:- Seventeen Lakhs Twenty Six Thousand One Hundred Seventy Rupess Only.**

Note: GST & Taxes Will be Applicable

For, ADITECH CONSULTING ENGINEERS

  
Authorized Signature

### Wing-wise Cost Break-up:

Wing	Structural Repair (₹)	Breaking & Plastering (₹)	Total (₹)
A Wing	1,18,040	1,18,490	2,36,530
B Wing	1,57,300	1,42,056	2,99,356
C Wing	1,31,820	1,09,883	2,41,703
Grand Total			7,77,589

### 2. Terrace Waterproofing Work

#### **Type of Treatment:**

Chemical waterproofing coating system using Dr. Fixit products.

#### **Warranty:**

7 (Seven) Years Manufacturer's Warranty



### Wing-wise Area & Cost:

Wing Area (Sq. Ft.)	Rate (₹/Sq. Ft.)	Amount (₹)	
A Wing	5,500 75	75	4,12,500
B Wing	4,070 75	75	3,05,250
C Wing	2,760 75	75	2,07,000
Total	12,330		9,24,750

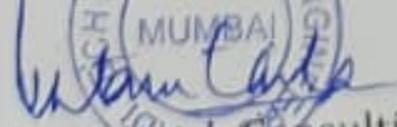
### **Important Notes:**

1. Quantities are based on site measurements and visual condition assessment.
2. Rates are inclusive of material, labour, tools, tackles, and workmanship.
3. Work execution shall be carried out strictly as per approved specifications and good engineering practice.
4. Any additional or unforeseen repair work, if observed during execution, shall be informed to the society separately for approval.

We request the Managing Committee to kindly review the above proposal and accord approval, so that the work can be planned and executed in a timely manner considering favourable weather conditions.

Thanking you,

Yours faithfully,



For Aditech Consulting Engineers