



PC-1

**INFRASTRUCTURE IMPROVEMENT AND FACADE REHABILITATION
OF SPICE MARKET PACKAGES FROM DEHLI GATE TO AKBARI GATE,
WALLED CITY, LAHORE**

ORIGINAL APPROVED COST	PKR Million. 1,005.392/-
ORIGINAL APPROVED GESTATION	24 Months Till June 2027
APPROVAL FORUM	PDWP (PDWP)

1. NAME OF THE PROJECT

INFRASTRUCTURE IMPROVEMENT AND FACADE REHABILITATION OF SPICE MARKET PACKAGES FROM DEHLI GATE TO AKBARI GATE, WALLED CITY, LAHORE

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. LAHORE

2.2. TEHSIL(S)

I. LAHORE CITY

3. AUTHORITIES RESPONSIBLE FOR

3.1. SPONSORING AGENCY

- LG&CD DEPARTMENT

3.2. EXECUTION AGENCY

- WALLED CITY OF LAHORE AUTHORITY

3.3. OPERATIONS AND MAINTENANCE AGENCY

3.4. CONCERNED FEDERAL MINISTRY

4. PLAN PROVISION

Sr #	Description
1	Source of Funding: Scheme Proposed for Next ADP
2	Proposed Allocation: 500.000

Comments:

WCLA previously project Management unit, SDWCLP (planned and designed the Pilot Project which was later subpided into four packages for the ease of execution. The first package of the scheme i.e. pilot Urban rehabilitation and Infrastructure Improvement Project Package I from Dehli gate to Chowk Purani Kotwali Walled city Lahore (Amounted to Rs. 703.13 Million) was funded by the World Bank (51%), the counterpart funding (49%) was provided by the Government of the Punjab.

After the departure of the World Bank the later package of the pilot project i.e. Package-II & Package-IV was funded entirely by Government of Punjab which is near completion.

Likewise the subject Façade Rehabilitation and infrastructure improvement of spice market (Amount Rs.987.60) will be funded by the Government of the Punjab, as the practice adopted in Pilot Project Package- I, II & IV execution.

5. PROJECT OBJECTIVES

-The façade rehabilitation of historic/other valued buildings, will regain the true historic view of the area which shall indeed enhance the tourism, also locals/traders will be favored as well.

The infrastructure facilities like water supply, sewerage, storm water, electrical network, telecommunication network and street surfacing shall be upgraded / improved to modern standards. The improved facilities of living shall increase the living and health standards of the inhabitants. The improved facilities shall address to the grievances of society.

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT:

Development, conservation and restoration of the cultural heritage in the Walled City is a technical and professional area, for which adequately qualified professionals is present.

During implementation of the said project a lot of highly skilled manpower would be required to carry out quality work of International Standards.

Similarly for the provision and management of urban infrastructure and services state of the arch technologies, management tools would be employed to ensure quality output.

Professional expertise would be sought for developing the domestic and international tourism.

6.2 SECTORAL SPECIFIC INFORMATION:

N/A

7. CAPITAL COST ESTIMATES:

Financial Components: Capital
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):N/A

Grant Number:Engineering - (PC220036)
LO NO:N/A
A/C To be Credited:N/A

PKR Million					
Sr #	Object Code	2025-2026		2026-2027	
		Local	Foreign	Local	Foreign
1	A05270-To Others	500.000	0.000	505.392	0.000
Total		500.000	0.000	505.392	0.000

Financial Components: Capital
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):N/A

Grant Number:Engineering - (PC220036)
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INFRASTRUCTURE IMPROVEMENT AND FACADE REHABILITATION OF SPICE MARKET FROM DEHLI GATE TO AKBARI GATE, WALLED CITY, LAHORE"		
Main Summary		
ENGINEER'S COST ESTIMATE (MRS 1st BI-ANNUAL 2025)		
SR#(PKG)	Components Name	Amount
1	INFRASTRUCTURE IMPROVEMENT AND FACADE REHABILITATION OF SPICE MARKET (PACKAGE 01) FROM DEHLI GATE TO GURMANDI CHOWK , WALLED CITY, LAHORE"	231,252,281.65
2	INFRASTRUCTURE IMPROVEMENT AND FACADE REHABILITATION OF SPICE MARKET (Package 02) ROAD ,PARKING , DRAIN,WORKS , WALLED CITY, LAHORE"	218,805,716.25
3	INFRASTRUCTURE IMPROVEMENT AND FACADE REHABILITATION OF SPICE MARKET (PACKAGE 3) AKBARI BAZAR , WALLED CITY, LAHORE"	339,150,775.86
4	RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE" ,	100,518,468.19
Total (1 To 4) :		889,727,241.95
Contegencies @ 2% (1 to 4)		17,794,544.84
(6%)CONSULTANCY Cost for Package (1+2+3+4)		53,383,634.52
5% PST as per withholding rules of PRA ON TOTAL (1 To 4)		44,486,362.10
PACKAGE 1 TO 4 GRAND TOTAL		1,005,391,783.41
AMOUNT IN MILLION		1,005.39

SR. ELECTRICAL ENGINEER

ASSISTANT DIRECTOR ENGG.

DEPUTY DIRECTOR W .S

SENIOR ARCHITECT

DEPUTY DIRECTOR S&S W

DIRECTOR ENGINEERING

ENGINEER'S COST ESTIMATE		
INFRASTRUCTURE IMPROVEMENT AND FAÇADE REHABILITATION OF SPICE MARKET (PACKAGE 01) FROM DEHLI GATE TO GURMANDI CHOWK , WALLED CITY, LAHORE"		
Summary		
MRS 1st BI-ANNUAL 2025		
Components	Components Name(PACKAGE 01)	Amount
A	FACADE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"	133,435,913.27
B	INFRASTRUCTURE IMPROVEMENT	41,992,925.38
C	ILLUMINATION WORKS	5,000,000.00
D	STREET FURNITURE & PLANTATION	2,000,000.00
E	INTERIOR DESIGN (CONSULTANCY)	3,000,000.00
F	ELECTRICAL WORKS	35,000,000.00
G	PTCL (TELECOMMUNICATION)WORKS	6,000,000.00
H	COMPENSATION FOR LAND ACQUISITION	1,100,000.00
I	ESTABLISHMENT OF SITE OFFICE	3,723,443.00
	Total (A To I) :	231,252,281.65
AMOUNT IN MILLION :		231.25

INFRASTRUCTURE IMPROVEMENT AND FACADE REHABILITATION		
ENGINEER'S COST ESTIMATE		
Summary		
MRS 1st BI-ANNUAL 2025		
Components	Components Name	Amount
A	FACADE REHABILITATION	108,164,280.65
B	INFRASTRUCTURE IMPROVEMENT	70,461,158.28
C	CONSTRUCTION OF ROAD	23,510,277.33
D	ELECTRICAL WORKS	10,000,000.00
E	ILLUMINATION	1,000,000.00
F	ESTABLISHMENT OF SITE OFFICE	5,670,000.00
	Total (A To F) :	218,805,716.25
AMOUNT IN MILLION		218.8

SR SUB ENGG

ASSISTANT DIRECTOR
ENGG

ENGINEER'S COST ESTIMATE		
INFRASTRUCTURE IMPROVEMENT AND FACADE REHABILITATION OF SPICE MARKET(PACKAGE 3) AKBARI BAZAR INFRASTRUCTURE , WALLED CITY, LAHORE"		
Summary		
MRS 1ST BI-ANNUAL 2025		
Components	Components Name	Amount
A	FACADE IMPROVEMENT	170,444,152.77
B	INFRASTRUCTURE IMPROVEMENT	126,706,623.10
C	Electrical works	30,000,000.00
D	PTCL(TELECOMMUNICATION) WORKS	8,000,000.00
E	ILLUMINATION	4,000,000.00
	Total (A To E) :	339,150,775.86
	Contegencies @ 3% (A to F)	10,174,523.28
	TOTAL (A To C) + Contigencies	349,325,299.14
	5% PST as per withholding rules of PRA (A to E)	17,466,264.96
	GRAND TOTAL	366,791,564.09
	AMOUNT IN MILLION :	366.8

Summary		
RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY,		
ENGINEER'S COST ESTIMATE		
MRS 1ST BI-ANNUAL 2025		
Components	Components Name	Amount
A	PROVISION OF AKBARI GATE BUILDING	90,518,468.19
B	ILLUMINATION WORKS	3,000,000.00
C	Building Acquisition	7,000,000.00
	Total	100,518,468.19

INFRASTRUCTURE IMPROVEMENT AND FAÇADE REHABILITATION OF SPICE MARKET(PKG 01) , WALLED CITY, LAHORE"						
A: Facade Rehabilitation						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
(A)	FAÇADE WORK					
1.0 Dismantling / Demolition Works						
1.1	Removing cement sand plaster from walls with great care to expose brick surface i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	sft				Ch.no.4 Sr.no 48
a)	Ground Floor & 1st Floor		6.270	4,900.0	30,723	
b)	2nd Floor & Above		7.085	3,675.0	26,038	Added 13% as per Ch.4 sr.48
1.2	Dismantling of existing brickwork with its surface finishes with care, protecting adjacent surfaces from damage i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	cft			-	Ch. no.4 Sr.no 13
a)	Ground Floor & 1st Floor		63.954	5,000.0	319,770	
b)	2nd Floor & Above		72.268	3,500.0	252,938	Added. 13% as per ch.4 sr.13
1.3	Dismantling reinforced cement concrete with care protecting adjoining structures, Separating reinforcement from concrete cleaning and straightening the same i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	cft			-	Ch.#.4 Sr.no 20
a)	Ground Floor & 1st Floor		270.864	1,550.0	419,839	
b)	2nd Floor & Above		306.076	2,050.0	627,456	Added 13% as per ch.4 sr.17
1.4	Dismantling cement concrete (P.C.C.) with care protecting adjoining structures i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	cft			-	Ch.#.4 Sr.no 19-b
a)	Ground Floor & 1st Floor		135.432	3000	406,296	
b)	2nd Floor & Above		153.03816	500	76,519	Added 13% as per ch.4 sr.17
1.5	Dismantling & Removing the existing canvas/ fiber glass awning with great care i/c pipes and other fixing material, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	Each			-	RA 1.5
a)	Ground Floor		1,080.750	300.0	324,225	
1.6	Dismantling & Removing the chowkat. metal /wooden window/ventilator i/c supports (holdfasts) and other fixing material, making inventory, stacking and carriage of the dismantled material to an approved dumping area with great care as per the instructions of project manager.	Each			-	Ch.#.4 Sr.no 32(A)
a)	Ground Floor & 1st Floor		648.45	100.0	64,845	
b)	2nd Floor & Above		732.749	50.0	36,637	Added 13% as per ch.4 sr.17

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
1.7	Dismantling/ Removing ventilators and wooden sunshade, etc. i/c supports (holdfasts) and other fixing material with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	Each			-	Ch#.4 Sr.no 33
a)	Ground Floor		265	280.0	74,200	
b)	2nd Floor & Above		299.450	50.0	14,973	Added 13% as per ch. no.4 Sr.no 32(a)
1.8	Dismantling & Removing the Cement Jali with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager	sft			-	RA 1.8
a)	Ground Floor & 1st Floor		12.200	1,092.0	13,322	
b)	2nd Floor & Above		13.800	1,365.0	18,837	
1.9	Dismantling and Removing the wall and floor tile/ chipes /mozaic and terrazzo floor with great care i/c removal and disposal of debris from site to an approved dumping area as per the instructions of project manager.	sft			-	Ch#.4 Sr.no50
a)	Ground Floor & 1st Floor		34.584	5,000.0	172,920	
1.10	Dismantling & Removing the steel Corrugated/Fiber glass/Sheet Shades i/c supports (holdfasts)and other fixing material etc. with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	sft			-	RA 1.10
a)	Ground Floor & 1st Floor		15.500	3,000.0	46,500	
b)	2nd Floor & Above		17.500	1,000.0	17,500	
1.11	Dismantling & Removing G.I shutter i/c supports (holdfasts) and other fixing material etc. with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	Each			-	RA 1.11
a)	Ground Floor & 1st Floor		2,161.5	600.0	1,296,900	
1.12	Dismantling / Removal Metal Railing /c supports (holdfasts)and other fixing material etc. with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project Engibneer.	sft			-	RA 1.12
a)	1st Floor		56.8	1,500.0	85,200	
b)	2nd Floor & Above		64.17	500	32,085	
1.13	Dismantling/Removing the Air Cooler /Water Tank with great care, making inventory, staking as per the instructions of project manager.	Each			-	RA 1.13
a)	Ground Floor & 1st Floor		1,307.000	400.0	522,800	
1.14	Dismantling/Removing the Steel angle Iron/steel Bracket/ singe board with great care, making inventory, staking and making good as per the instructions of project manager.	Each			-	RA 1.14
a)	Ground Floor & 1st Floor		1,080.750	52.0	56,199	
b)	2nd Floor & Above		1,221.250	47.0	57,399	

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
1.15	Dismantling/Removing the Steel Wire Gauze including frame with great care, making inventory and stalking as per the instructions of project manager.	sft			-	RA 1.15
a)	Ground Floor & 1st Floor		8.370	600.0	5,022	
b)	2nd Floor & Above		9.460	230.0	2,176	
1.16	Removing wooden ventilators and wooden sunshade from wall with great care without damaging plaster/ surface finishes complete in all respect as per the instructions of Project Manager.	Each			-	Ch#.4 Sr.no33
a)	Ground Floor & 1st Floor		265.000	100.0	26,500	
b)	2nd Floor & Above		299.450	100.0	29,945	Added 13% as per ch.4 sr.33
1.17	Removing glass from window/door panels with great care as per the instructions of Project Manager.	sft			-	RA 1.17
a)	Ground Floor & 1st Floor		21.620	490.0	10,594	
b)	2nd Floor & Above		24.420	287.0	7,009	
1.18	Removal of Exhaust Fan from wall with great care without damaging plaster/ surface finishes complete in all respect as per the instructions of Project Manager.	Each			-	RA 1.18
a)	Ground Floor & 1st Floor		1,551.000	200.0	310,200	
b)	2nd Floor & Above		1,753.000	50.0	87,650	
1.19	Removing windows and sky lights with chowkat from wall with great care without damaging plaster/ surface finishes complete in all respect as per the instructions of Project Manager.	Each			-	Ch.#.4 Sr.no 32(b)
a)	Ground Floor & 1st Floor		505.550	50.0	25,278	
b)	2nd Floor & Above		571.272	20.0	11,425	Added 13% as per ch. no.4 Sr.no 32(b)
1.20	Dismantling rolled steel beams or iron rails ,etc, with great care without damaging plaster/surface finishes/Brick work complete in all respect as per the instructions of Project Manager.	Kg			-	Ch.#.4 Sr.no38
a)	Ground Floor & 1st Floor		12.349	200.0	2,470	
b)	2nd Floor & Above		13.954	200.0	2,791	Added 13% as per ch. no.4)
1.21	Removal of White wash or colour wash with care complete in all respects.	sft			-	Ch.#.4 Sr.no 49a
a)	Ground Floor		3.762	2,000.0	7,524	
b)	2nd Floor & Above		4.251	2,000.0	8,502	Added 13% as per ch. no.4)
1.22	Removal of Ordinary distemper, oil bound distemper ,or paint of wall with care complete in all respects.	sft			-	Ch.#.4 Sr.no 49b
a)	Ground Floor		11.286	1,200.0	13,543	
b)	2nd Floor & Above		12.753	2,200.0	28,057	
2.0 Masonry Works						-
2.1	Pucca brick work 225mm thick i/c toothing with existing brickwork , preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 225 mm x 112.5 mm x75mm (9"x4.5"x3") using 1:4 cement: sand mortar complete in all respect as per the instructions of Project Manager.	cft			-	Ch#.7 Sr.no5(i)

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
b)	Ground Floor & 1st Floor		432.368	5,130.0	2,218,048	added rate as per item no, 6
c)	2nd Floor & Above		488.576	5,000.0	2,442,879	added rate as per item no, 6
2.2	Pucca brick work 225mm thick i/c toothing with existing brickwork, preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 225 mm x 112.5 mm x75mm (9"x4.5"x3") using 1:2 white lime: kankar lime mortar complete in all respect as per the instructions of Project Manager.	cft			-	RA 2.2
a)	Ground Floor & 1st Floor		557.400	3,750.0	2,090,250	
b)	2nd Floor & Above		572.000	4,500.0	2,574,000	
2.3	Pucca brick work in arches i/c toothing with existing brickwork, preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 225mm x 112.5mm x75mm (9"x4.5"x3") using 1:4 cement: sand mortar complete in all respect as per the instructions of Project Manager.	cft				Ch.#.7 Sr.no7(i) + 9
a)	Ground Floor & 1st Floor		464.030	2,000.0	928,060	
2.4	Repairing pucca brickwork i/c taking out damaged/decayed/salt eaten bricks carefully, supporting existing brickwork and providing new bricks, preparing surfaces, curing, protecting with small sized 300 x 150 x 32 mm (12" x 6" x 1¼") 1st class burnt bricks using 1:2 white lime:kankar lime mortar complete in all respect as per the instructions of Project Manager.	cft			-	RA 2.4
a)	Ground Floor & 1st Floor		977.800	1,000.0	977,800	
b)	2nd Floor & Above		1,099.200	550.0	604,560	
3.0 Cut Dressed and carved Brickwork					-	
3.1	Making Floral/Decorative Cornices at site with 225x112.5x75 mm (9"x4.5"x3") 1st class pucca burnt bricks i/c preparing surfaces, curing, protecting the existing surfaces etc in in 1:2 white lime:kankar lime mortar complete in all respect as per drawings and specifications and the instructions of Project Manager.	RF			-	R.A 3.1
a)	Ground Floor & 1st Floor		207.880	1,000.0	207,880	
b)	2nd Floor & Above		234.860	1,000.0	234,860	
3.2	Repairing Decorative Cornices in normal sized 225x112.5x75 mm (9" x 4.5" x3") 1st class pucca burnt bricks in c/s mortar (1:4) i/c removal of loose and damaged and decayed bricks and rectification of brick work in Cornices in the pattern as original work, preparing surfaces, curing, protecting etc complete in all respect.	RF			-	R.A 3.2
a)	Ground Floor & 1st Floor		207.880	500.0	103,940	

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
3.4	Providing and fixing 38 mm (2") thick cement concrete Perforated jali reinforced with 1mm thick wire including coping at top, with pre cast cement concrete vertical posts, including cost of reinforcement, finishing, curing, true to plumb, including cost of dowels, keys, grouting, finishing, etc. with cement sand mortar 1:3, as per design and size as original or shown in the drawings, complete in all respects.	sft			-	CH# 6, ITEM15
a)	Ground Floor + 1st Floor + 2nd floor & Above		151	2,000	302,600	
3.5	Providing at any height at any floor nominal 50 mm thick terracotta jali using lime mortar (White lime:Kankar Lime in Ratio 1:2) of surkhi, finishing, curing, true to plumb, including grouting, finishing etc. as per design and size as original or shown in the drawings, complete in all respects.	sft			-	R.A 3.5
a)	Ground Floor & 1st Floor		809.110	1,000.0	809,110	
b)	2nd Floor & Above		914.290	2,000.0	1,828,580	
3.6	Pacca brick work in ground floor: i) cement, sand mortar:- Ratio 1:4				-	Ch #.7 Sr.# 5 i
a)	Ground Floor & 1st Floor	cft	432.368	5,000.0	2,161,840	
b)	2nd Floor & Above	cft	488.576	4,000.0	1,954,303	
3.7	Pacca brick work in ground floor: lime, cement, sand mortar:- Ratio 1:1:8				-	Ch #.7 Sr.# 5 ii
a)	Ground Floor & 1st Floor	cft	414.05	5,000.0	2,070,245	
b)	2nd Floor & Above	cft	467.875	5,000.0	2,339,377	
4.0 Surface Rendering works					-	
4.1	Cleaning and preparing brick surface including raking out joints and applying 13 mm (1/2") thick (nominal) cement sand (1:4) plaster on vertical surfaces including curing, matching with adjacent surfaces, protection of adjacent surface, etc. complete to the satisfaction of project manager.	sft			-	Ch #.11 Sr.# 9 (b)
a)	Ground Floor & 1st Floor		47.082	20,000.0	941,640	
b)	2nd Floor & Above		49.907	15,000.0	748,604	added 6% Sr.no 9 (b)
4.2	Cleaning and preparing surface of normal sized bricks 225x112.5x75mm (9" x 4.5" x 3") on building surface including raking out joints and applying Lime pointing flush upto 20' (6.00 m) height including raking joints, in lime, sand mortar 1:2, including curing, protection of adjacent surfaces complete to the satisfaction of project manager.	sft			-	CH#11, sr. No. 14
a)	Ground Floor & 1st Floor		30.585	3,000.0	91,754	
b)	2nd Floor & Above		32.420	3,000.0	97,259	added 6% sr. No. 14

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
4.3	Cleaning and preparing brick surface including raking out joints and applying 19 mm (3/4") thick (nominal) kankar lime plaster using white lime & kankar lime ratio of 1:3, strengthened with 5% chopped jute fiber, and finished with floating coat including curing, protection of adjacent surfaces complete to the satisfaction of project manager.	sft			-	RA 4.3
a)	Ground Floor & 1st Floor		215.800	5,000.0	1,079,000	
b)	2nd Floor & Above		344.900	5,000.0	1,724,500	
4.4	Providing and laying 2" thick an average kankar lime plaster in layers with base layer 1-1/2" thick 1:2:3/4 (1 fine kankar, 2 coarse kankar, 3/4 white lime) including jute 2 kg for 100 Sft and 1/2" thick finishing layer with 1:3 lime mortar and over plaster of liquied mixture of lime mortar inlcuding scaffolding, putty, curing etc complete in all respects	sft			-	RA 4.4
a)	Ground Floor & 1st Floor		588.700	500.0	294,350	
b)	2nd Floor & Above		665.240	500.0	332,620	
5.0 Wood works					-	
5.1	Repairing existing wood work first class (deodar) (doors, windows and ventilators) including removal of damaged portion, repairing and rectifying damage and reinstalling to match with existing including all hardwares like tower bolt, hinges and earl drawer etc(Measurement of Reinstalled/Repaired Area will be paid), applying approved termicide as per instructions of site incharge:	sft			-	R,A 5.1
a)	Ground Floor & 1st Floor		2524	200	504,800	
b)	2nd Floor & Above		2852	350	998,200	
5.2	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge	sft			-	CH#12,Sr. No.7 iii
a)	Ground Floor & 1st Floor		3,280.850	1,500.0	4,921,275	
5.3	Providing New wood work for single leaf door panels (excluding frames) of under given types in first class Deodar wood as per design and specifications including approved termicide, fixing in place and repair of adjoining surfaces complete in all respect.	sft			-	R,A 5.3
i)	Paneled door with panel frame size of 20mmx30mm to 30mmx50mm and 12mm to 20mm thick panels				-	
a)	Ground Floor & 1st Floor		2,580.000	1,000.0	2,580,000	
iii)	partially glazed and partially panelled door with frame size of 20mmx30mm to 30mmx50mm, panel thickness of 12mm to 20mm and 5mm thick glass				-	
b)	2nd Floor & Above		2,915.000	400.0	1,166,000	

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
5.4	Providing New wood work for double leaf/folding door panels (excluding frames) of under given types in first class Deodar wood as per design and specifications including approned termicide ,fixing in place and repair of adjoining surfaces complete in all respect.	sft			-	R.A 5.4
i)	Paneled door with panel frame size of 20mmx30mm to 30mmx50mm and 12 mm to 25mm thick panels.				-	
a)	Ground Floor & 1st Floor		2,802.000	300.0	840,600	
b)	2nd Floor & Above		3,165.350	250.0	791,338	
5.5	Providing New wood work for partially glazed type ventilators (excluding frames) in first class Deodar wood as per design and specifications including approved termicide, fixing in place and repair of adjoining surfaces complete in all respect.	sft			-	R.A 5.5
a)	Ground Floor & 1st Floor		939.000	500.0	469,500	
b)	2nd Floor & Above		1,061.000	262.0	277,982	
5.6	Providing new wooden frame of first class deodar wood as per design and specifications including approved termicide, fixing in place i/c cost of nuts, bolts, nails and hold fasts etc. and repair of adjoining surfaces complete in all respect	RFT			-	R.A 5.6
i)	Frame sizes ranging from 50mmx75mm to 75mmx125mm size for doors				-	
a)	Ground Floor & 1st Floor		1,898.000	200.0	379,600	
b)	2nd Floor & Above		2,144.000	120.0	257,280	
ii)	Frame sizes ranging from 75mm x 100 mm to 100mmx125mm size for doors				-	
a)	Ground Floor & 1st Floor		1,898.000	200.0	379,600	
b)	2nd Floor & Above		2,144.000	100.0	214,400	
5.7	Providing and Fixing Plane glass including cutting of glass for given design and size/match to existing without damaging existing/adjacent glass panes fixed with A class deodar wood beading of under given types for windows, doors, ventilators and fanlights.	sft			-	R.A 5.7
i)	Plane glass				-	
a)	Ground Floor & 1st Floor		847.000	500.0	423,500	
b)	2nd Floor & Above		958.000	1,000.0	958,000	
5.8	Providing and Fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes per cm2) fixed with ii) with springs or spring hinges. 38mmx75mm sized openable frame of "B" Class deodar wood for windows.	sft			-	Chapter no.12 Sr.no 13 a(ii)
a)	Ground Floor & 1st Floor		1,679.450	200.0	335,890	
b)	2nd Floor & Above		1,679.450	500.0	839,725	
5.9	Providing new wood work in katehras of under given types in "B" Class deodar wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect.	sft			-	R.A 5.9
i)	Panelled having a 38mm thick frame and 20mm thick panels.				-	
a)	Ground Floor & 1st Floor		3,808.230	500.0	1,904,115	

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
b)	2nd Floor & Above		4,303.300	1,000.0	4,303,300	
5.10	Providing and fixing of Wooden Shade roof using 50mmx50mm frame to support 13 mm thick wooden over lapping slits (using deodar wood first class) including 24 SWG GI corrugated sheet roofing and 24 SWG GI sheet flashing embedded at one end into masonry wall with lead wedge @ 300mm c/c i/c all nuts, bolts and glue nails etc. for fixing and making good facade surfaces as per the specifications and designs provided in drawings and as per the instructions of project manager.	sft			-	R.A 5.10
a)	Ground Floor & 1st Floor		3025	500	1,512,500	
b)	2nd Floor & Above		3418	500	1,709,000	
6. Structural Woodwork					-	
6.1	Providing New wooden Beam/Lintel of cheer wood as per design and specifications i/c application of approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect.	cft			-	RA 6.1
a)	Ground Floor & 1st Floor		3,404.870	50.0	170,244	
c)	2nd Floor & Above		3,518.780	100.0	351,878	
6.2	Providing and fixing of deodar wood "grade B" jharoka face with adjacent sides having bottom horizontal baseframe, supporting main frame pillars and transom of 75mmx75mm cross-section and top frame/vents in size 30mmx40mm to receive partially frosted 8mm thick glass supported by main pillars i/c katehra frame of size 50mmx50mm having spindles of 25mm dia i/c all nuts, bolts and glue nails etc. for fixing the jharoka to floor base and side walls all as per the design and specifications provided in drawing no. A-502 complete in all respects to the approval of Project Manager.	sft			-	R.A 6.2
a)	1st Floor		2,010.000	1,850.0	3,718,500	
6.3	Providing and fixing of floor for jharoka as described in item no. 6.2 above using 50 mm thick cheer wood board resting on supports paid for separately as per the design and specifications provided in drawings i/c all nuts, bolts and glue nails etc. for fixing and anchoring to the building structure and making good facade surfaces complete in all respects as per the instructions of project manager.	sft			-	R.A 6.3
a)	2nd Floor & Above		2,272.000	250.0	568,000	

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
6.4	Repairing of existing historic Wooden Jharoka of semi polygonal shape i/c repair of katehras, main pillars, ventilators, ornamental base and roofing elements, floorings etc to match the existing work as per site requirements i/c removal of existing finishes and application of three coats of double boiled linseed oil on wooden surfaces and enamel paint on metal surfaces, making good of adjacent surfaces complete in all respect as per the specifications and designs to the approval of the Project Manager. (basis of measurement shall be external surface area of jharoka)	sft			-	R.A 6.4
a)	2nd Floor & Above		2,272.000	50.0	113,600	
6.5	Providing historic Wooden Balcony i/c katehras , main pillars, ventilators, rafters and brackets and roofing elements, floorings etc and application of three coats of double boiled linseed oil on wooden surfaces and enamel paint on metal surfaces, making good of adjacent surfaces complete in all respect as per the specifications and designs to the approval of the Project Manager. (basis of measurement shall be external surface area of Balcony)	sft			-	R.A 6.5
a)	1st Floor		2,170.000	800.0	1,736,000	
b)	2nd Floor & Above		2,599.120	500.0	1,299,560	added 6%
6.6	Providing and fixing 11/2" (40mm) thick Solid flush door shutter (approved factor manufactured with commercial ply 5mm thick on both sides double pressed and deor wood liping 1.5"x3/8" (40 mm x 10 mm) around shutter including chromium plate fitting iron hinges with aluminum kick plate 22SWG on both sides & finger plate complete in all respect	sft	643.35	100	64,335	CHAPTER 12 ITEM 50 i
6.7	Providing and Laying of Roof (consisting of timber joists 100x 150 @ 300 c.c., cheer wood planks 35 mm thick, matting, polyethene sheeting, sweet earth filling,) excluding floor finish & i/c wood preservative with anchoring of planks to joists & joists to wall complete in all respects using Cheer Wood and as per the instructions of site incharge.	sft			-	R.A 6.7
a)	G+1st Floor		4000.556	620	2,480,345	
b)	2nd Floor & Above		4031.7861	510	2,056,211	
7.0 Plain/Reinforced Concrete Works					-	
7.1	Providing mixing, placing, laying, compacting, finishing and curing reinforced cement concrete 1:2:4 for slabs/beams/lintels/shades i/c screening and washing of aggregate materials with nominal compressive strength of 3000 psi including cost of form work as per drawings and specifications complete in all respects as per the instructions of Project Manager.	cft			-	Ch# 6 Sr.6(a)(i) 3(c)type
a)	Ground Floor & 1st Floor		771.350	1,000.0	771,350	

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
b)	2nd Floor & Above		817.631	250.0	204,408	Added 6% Sr.6(a)(i)
7.2	Providing and fixing in position Deformed Reinforcement bars 60,000 psi yield strength including cost of cleaning, straightening, cutting, bending, binding, wastage, all overlaps whether shown on drawing or not, M.S. Chairs and tying with annealed wire 16 SWG (binding wire) placing in position of cement concrete precast gutti C:S (1:3) in all kinds of RCC works complete in all respect.	Kg			-	MRS chapter no.6 Sr.12(c)
a)	Ground Floor & 1st Floor		154.030	1,000.0	154,030	
b)	2nd Floor & Above		163.272	500.0	81,636	added 6%.6 Sr.9(c)
					-	
8.0 Painting & Decorative Works					-	
8.1	Applying three coats of approved quality and shade external paint finish (weather shield) on old and new plastered surfaces including cleaning and preparing surfaces protecting surfaces complete in all respect and up-to the entire satisfaction of project Manager.	sft			-	Ch. no.13 Sr.33 a (i+ii)
a)	Ground Floor & 1st Floor		74.226	10,000.0	742,260	
b)	2nd Floor & Above		78.680	8,000.0	629,436	Added 6% for 2nd &above floor
8.2	Applying three coats Enamel paint of approved quality and shade on wooden and metal old and new surfaces including cleaning, preparing and protecting surfaces etc complete in all respects and upto the entire satisfaction of project Manager.	sft			-	MRS chapter no.13 Sr.32 a (i+ii+ii)
a)	Ground Floor & 1st Floor		30.037	8,000.0	240,292	
b)	2nd Floor & Above		31.839	5,000.0	159,193	Added 6% for 2nd &above floor
8.3	Applying three coats of kankar lime wash over plastered surfaces using fine kankar lime powder mixed with white lime, water and approved adhesive including cleaning, preparing and protecting surfaces etc complete in all respects in accordance with the instructions of Project Manager.	sft			-	RA 8.3
a)	Ground Floor & 1st Floor		28.000	10,000.0	280,000	
b)	2nd Floor & Above		31.500	10,000.0	315,000	
8.4	Applying minimum three coats of double boiled linseed oil mix with Kerosine/ Tarpetine oil in approved ratio on new wooden surface including cleaning and preparing and protecting surfaces etc. complete in all respects as per instruction of project Manager.	sft			-	MRS chapter no.13 Sr.1(b)
a)	Ground Floor & 1st Floor		3.977	1,500.0	5,965	
b)	2nd Floor & Above		4.215	5,000.0	21,075	Added 6% for 2nd &above floor

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
8.5	Providing new wood work for wooden deck of size under given types in "B" Class deodar wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect including all hardwares.	sft	3,401.170	4,800.0	16,325,616	R.A 8.5
8.6	Providing new wood work in wooden awning suport with wooden Frame (6'x3x.25"x.25'),supported with steel brackets, including horizontal jhalar of size under given types in "B" Class deodar wood also including 24 SWG GI corrugated sheet roofing and 24 SWG GI sheet flashing embedded at one end into masonry wall with lead wedge @ 300mm c/c i/c all nuts, bolts and glue nails etc. for fixing and making good facade surfaces as per the specifications and designs provided in drawings and as per the instructions of project manager and repair of adjoining surfaces complete in all respect including all hardwares	sft	2820.79	2,880.0	8,123,875	RA.8.6
9.0 Steel Works					-	
9.1	Providing and fixing 24 SWG G.I. sheet rolling shutter , consisting of steel frame of M.S. channel 2"x1¼"x1/8" (50 x30x3 mm), angle iron 1½" x 1½" x1/8" (40x40x3 mm), M.S. plate 1' x 1' x1/8" (300x300x3 mm), G.I. pipe 1½" (37 mm) dia, springs 2' (600 mm) centre to centre, rollers, 24 SWG G.I. covering 1 ft. x 1 ft. (300x300 mm), handles, holdfast, and painting three coats, complete in all respects as per instructions of Project Manager.	sft			-	Ch. no.25 Sr.37
a)	Ground Floor		735.850	3,500.0	2,575,475	
9.2	Providing and fixing terrace railing of 2" (50 mm) i/d conduit pipe 16 SWG, welded with 5/8"x5/8" (16 x16 mm) square bar 2.75 ft. (838 mm) high fixed at 5" (125 mm) centre to centre, in reinforced cement concrete slab with suitable arrangement, complete in all respects, as per the instructions of Project Manager.	Rf			-	Ch. no.25 Sr.35
a)	1st Floor & 2nd Floor & Above		1,878.55	500.0	939,275	
9.3	Making and fixing steel grated doors , complete with locking arrangement, angle iron frame 2" x 2" x 3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, including painting three coats complete in all respects.	sft			-	Ch. no.25 Sr.30
a)	Ground Floor & 1st Floor		2,266.300	500.0	1,133,150	
9.4	Providing and fixing ornamental Steel Bracket complete in all repects as per drawings and specifications and as per the instructions of Project Manager.	Each			-	L.S
a)	Ground Floor & 1st Floor		5,000.000	20.0	100,000	

ENGINEER'S COST ESTIMATE					MRS 1st BI-ANNUAL 2025	
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
9.5	Providing and Fixing steel folding steps MS box pipe 18swg 2" dia. MS chanal / patti 2 # GI sheet 18swg welding with paint complete in all respects as per given in drawings				-	RA 9.5
9.6	steel folding steps	sft	1,547.000	3,500.0	5,414,500	RA9.6
9.7	Providing and Fixing awning MS box pipe 18swg 2" dia. MS chanal / patti 2 # spacial imported fabric welding with paint complete in all respects as per given in drawings.	Rf	4,625.900	1,500.0	6,938,850	RA 9.7
10.0 Misc.					-	
10.1	Providing and erection at site of work Sign post of M.S. plate 1/8" thick (3 mm) Warning/ Direction/ Informatory as per drawing and instruction of site Engineer	each	12,690.45	15.0	190,357	ch. no.18 Sr.no 19 (iv (b
10.2	(Providing, fixing storm water from roof to street, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended ,L - Joints conforming to BS 4514 / BS 5255 EN-1329 including the cost of specials and Solvents complete in all respects, as per specifications and / or as approved and directed by the Site Incharge. Type (SDR 32.5/SN-8)4"(110 mm)	Rf	267.2	3,000.0	801,450	Ch. No19sr, 47(b(v)
10.3	providing & fixing of shop names on shutter street names etcc) Painting and lettering Sign posts:-ii) two coats	EACH	770.1	300.0	231,030	Ch. No13sr, 22(C II
11	(Model shops) Interior Works for model shopes				-	
11.1	Providing of interior structrual works , decoratives ,wall treatments,Shelving and Display,Spice Jars and Containers,Packaging and Branding,Crafted Utensils,Tasting Station,Recipe Cards,storage containers,Lighting and Ambiance,Signage & Branding,	EACH	250,000.0	56.0	14,000,000	LUMPSUM
SUB TOTAL					133,434,365	pkR
					133.43	Millions

INFRASTRUCTURE IMPROVEMENT (PACKAGE 01) SPICE MARKET , WALLED CITY, LAHORE"

sr.no	Description	Unit	Qty	Rate	Amount (PKR)	MRS 1st BI-ANNUAL 2025
1	Dismantling and removing road metalling	cft	12000	30.09	361080	MRS chapter no,4 sr no.45
2	Dismantling cement concrete (P.C.C.) 1:3:6 with care protecting adjoining structures site area as per the instructions of site incharge.	cft	3864	135.432	523309.248	MRS chapter no,4 sr no.19 B
3	Dismantling cement concrete (P.C.C.) 1:2:4 with care protecting adjoining structures site area as per the instructions of site incharge.	cft	3864	165.528	639600.192	MRS chapter no,4 sr no.19 c
4	Dismantling of existing brickwork with its surface finishes with care, protecting adjacent surfaces from damage from site to an approved dumping area as per the instructions of site incharge .	cft	625.78	63.96	40024.8888	MRS chapter no,4 sr no.13
5	Earthwork excavation in open cutting 5.01 ft. (1.5 m) to 10.0 ft. (3.0 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 100 ft. (30 m) lead:-iv) gravel & shingle	cft	7031.25	30.6985	215848.8281	MRS chapter no,3 sr no.8iv
6	Pucca brick work 230mm thick i/c toothing with existing brickwork, preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 230mmx115mmx75mm (9"x4.5"x3") using 1:4 cement: sand mortar complete in all respect as per the instructions of site incharge.	cft	1000	422.84	422840	MRS chapter no,7 sr no.4i
7	Providing, fixing, testing and commissioning of u-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS 4514 / BS 5255 EN-1329 including the cost of specials and Solvents complete in all respects, as per drawings & specifications and / or as approved and directed by the Engineer Incharge. 110mm dia	Rft	600	267.15	160290	MRS chapter no,19 sr no.47 (v)
8	Providing, laying, jointing and testing of prefabricated PP manhole chambers for sewerage and storm lines as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement.				0	
9	For 350 mm (14") Sewer and storm Line	nos.	65	85043.4	5527821	RA1
10	Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta colour) with push-fit type joints (Z-joints), i/c rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc, as per site requirements according to design and drawings and to the entire satisfaction of the site incharge, complete in respects. 150 mm (6") Sewer and storm Line.	Rft	1800	4198.02	7556436	RA1i
11	Providing and laying R.C.C manhole cover and female part with MS angle iron frame size of 350mm for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.				0	
12	for Sewer and storm Lines	nos.	55	9181.42	504978.1	RA2
13	Providing and fixing sewer connection with push-fit type joints (Z-joints)with upvc chamber required horizontal 110 mm (4") pipe and 150 mmx110mm (6"x4") reducer i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.	nos.	55	10032.7	551798.5	RA3
14	Providing and laying approved quality Ravi sand for backfilling after laying, jointing and testing of services including leveling, watering and compaction up to 95% to maximum modified AASHTO dry density, complete in all respects as per the instructions of site incharge.	cft	4687.5	80.3	376406.25	RA4
15	Providing mixing, placing, compacting, laying, finishing and curing plain cement concrete (PCC) 1:3:6 (Using Sargodha Crush and Larwrencepur & Chanab Sand 50/50) i/c screening and washing of aggregates materials as per drawings and specifications complete in all respects as per the instructions of site incharge.	cft	7000	433.29	3033030	MRS chapter no,6sr no.5 (h)
16	Cement concrete plain) Ratio 1: 4: 8 including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate):	cft	7560	382.242	2889749.52	MRS chapter no,6sr no.5 (i)
17	Brick on edge flooring, laid in 1:6 cement mortar, over a bed of ¾" (20 mm) thick cement mortar 1:6.	sft	7326	187.5215	1373782.509	MRS chapter no,6sr no.5 (l)
18	Providing and laying concrete tile 8" x 2.5" x 1.5" full body colored as approved.including cutting of tiles for fixing in patterns(around the Manhole cover etc) as shown on drawing complete in all respects including cement,sand cussion.(for stablization)	sft	30000	499.48	14984400	RA5

19	Disposal of debries from site, lead upto 10Km. Complete in all respects.	cft	35000	12.62	441700	MRS chapter no,1sr no.1
20	Providing, laying, cutting, jointing by fusion welding at site, testing and disinfecting of HDPE pipe conforming to ISO 4427-2:2007 (E) PE 100 PN 10,SDR- 17 including cost of specials, as per design, drawings and specifications complete in all respects. 90 mm HDPE pipe line.	Rft	2200	338.95	745690	MRS chapter no,23sr no.42 (c) (7)
21	Providing and installing house connection, including HDPE saddle, female threaded elbow with compression fitting, HDPE male threaded adopter 25 mm OD, 90° HDPE bend/elbow with double compression fitting, 25mm OD HDPE Pipe, 19 mm ID G.I Pipe confirming to BSS 1387- (medium weight), G.I sockets, GI Tees, GI barrel nipples, GI elbows, gun metal gate valve, steel fixing hooks, as per given drawings, designs and specifications complete in all respects. From 90 mm HDPE pipe line.	nos.	50	4372.5	218625	MRS chapter no.23,sr no.41(i)
22	Providing, laying, cutting, jointing by fusion welding at site, testing and disinfecting of HDPE pipe conforming to ISO 4427-2:2007 (E) PE 100 PN 10, SDR 11, including cost of specials, fusion welding, as per drawings and specifications complete in all respects. (25mm dia)	Rft	450	40.25	18112.5	MRS chapter no,23sr no.42 (c) (1)
23	Providing, laying, jointing and testing of fabricated uPVC storm water collection chambers 300mm dia welded with uPVC pipe with 50mm silt traps, 100mm outlet and connecting with uPVC pipe drain as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement and as per the instructions of site incharge.	nos.	36	34753.5	1251126	RA6
24	Providing and fixing Gibault joint for existing water supply line as per drawings and specifications complete in all respects as instructions of site incharge	nos.	40	7451.1	298044	RA7
25	Providing and fixing sewer connection with push-fit type joints (Z-joints)with upvc main sewer pipe with 150 mmx110mm (6"x4") yee, required horizontal 110 mm (4") dia pipe i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.	nos.	30	13332.7	399981	RA8
26	Providing and fixing Temporary connections of water supply and sewer also during dismantling and excavation repairing work Gas, water supply, and sewer connections complete in all respects as per instructions of site incharge	nos.	55	6502.85	357656.75	RA9
27	Providing and laying R.C.C Grating 300 mm dia covers for storm drains i/c RCC ring around the upvc chamber for resting as per approved design and drawings matching with the street surfacing, complete in all respects.	nos.	60	3155.15	189309	RA10
28	Providing and fixing sluice valve of B.S.S. quality and Labour rates include cost of jointing weight, Class 'B', for cast iron pipe line, and Asbestos material and labour. cement pipe line (including cost of jointing material): 4" i/d (100 mm)	Each	10	22906.6	229066	MRS chapter no,23sr no.30B
29	Supply, installation, testing, and commissioning of Garden/fire Hydrants made by Haseen Habib / Teepu Engineering or approved equivalent manufacturer, according to B.S.S. 750 standard doubledelivery typehaving 4" dia barrel with 2 Nos. 2-1/2" valveincluding thecost of jointing material with all fittings and accessories complete in all respect as approved by the Engineer Incharge	Each	5	68766.6	343833	MRS chapter no,23sr no.32
30	Providing mixing, placing, laying, compacting, finishing and curing reinforced cement concrete 1:2:4 for slabs/beams/lintels/shades i/c screening and washing of aggregate materials with nominal compressive strength of 3000 psi including cost of form work as per drawings and specifications complete in all respects as per the instructions of Project Manager.	cft				Ch# 6 Sr.6(a)(i) 3(c)type
a)	Ground Floor & 1st Floor		1,200.0	772.350	926,820	
c)	2nd Floor & Above		1,000.0	818.691	818,691	Added 6% Sr.6(a)(i)
31	Providing and fixing in position Deformed Reinforcement bars 60,000 psi yield strength including cost of cleaning, straightening, cutting, bending, binding, wastage, all overlaps whether shown on drawing or not, M.S. Chairs and tying with annealed wire 16 SWG (binding wire) placing in position of cement concrete precast gutti C:S (1:3) in all kinds of RCC works complete in all respect.	Kg				MRS chapter no.6 Sr.12(c)
a)	Ground Floor & 1st Floor		1,000.0	154.030	154,030	
c)	2nd Floor & Above		1,000.0	163.272	163,272	added 6%.6 Sr.9(c)
TOTAL					45,717,351	

**INFRASTRUCTURE IMPROVEMENT AND FACADE REHABILITATION OF SPICE MARKET
(Package 02) ROAD, DRAIN, PARKING,WORKS , WALLED CITY, LAHORE"**

A: Facade Rehabilitation

MRS 1st BI-ANNUAL 2025

Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
(A)	FACADE WORK					
1.0 Dismantling / Demolition Works						
1.1	Removing cement sand plaster from walls with great care to expose brick surface i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	sft				Ch.no.4 Sr.no 48
a)	Ground Floor & 1st Floor		6.270	3,000.0	18,810	
c)	2nd Floor & Above		7.085	3,000.0	21,255	Added 13% as per Ch.4 sr.48
1.2	Dismantling of existing brickwork with its surface finishes with care, protecting adjacent surfaces from damage i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	cft				Ch. no.4 Sr.no 13
a)	Ground Floor & 1st Floor		63.954	3,500.0	223,839	
c)	2nd Floor & Above		72.268	1,000.0	72,268	Added. 13% as per ch.4 sr.13
1.3	Dismantling reinforced cement concrete with care protecting adjoining structures, Separating reinforcement from concrete cleaning and straightening the same i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	cft				Ch.#.4 Sr.no 20
a)	Ground Floor & 1st Floor		270.864	1,550.0	419,839	
c)	2nd Floor & Above		306.076	2,050.0	627,456	Added 13% as per ch.4 sr.17
1.4	Dismantling cement concrete (P.C.C.) with care protecting adjoining structures i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	cft				Ch.#.4 Sr.no 19-b
a)	Ground Floor & 1st Floor		135.432	1000	135432	
c)	2nd Floor & Above		153.03816	200	30607.632	Added 13% as per ch.4 sr.17
1.5	Dismantling & Removing the existing canvas/ fiber glass awning with great care i/c pipes and other fixing material, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	Each				RA 1.5
a)	Ground Floor		1,080.750	250.0	270,188	
	2nd Floor & Above		1,221.248	10.0	12,212	Added 13% as per MRS
1.6	Dismantling & Removing the chowkat. metal /wooden window/ventilator i/c supports (holdfasts) and other fixing material, making inventory, stacking and carriage of the dismantled material to an approved dumping area with great care as per the instructions of project manager.	Each				Ch.#.4 Sr.no 32(A)

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
a)	Ground Floor & 1st Floor		648.45	100.0	64,845	
c)	2nd Floor & Above		732.749	50.0	36,637	Added 13% as per ch.4 sr.17
1.7	Dismantling/ Removing ventilators and wooden sunshade, etc. i/c supports (holdfasts) and other fixing material with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	Each				Ch#.4 Sr.no 33
a)	Ground Floor		265	100.0	26,500	
c)	2nd Floor & Above		299.450	200.0	59,890	Added 13% as per ch. no.4 Sr.no 32(a
1.8	Dismantling & Removing the Cement Jali with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager	sft				RA 1.8
a)	Ground Floor & 1st Floor		12.200	500.0	6,100	
c)	2nd Floor & Above		13.800	500.0	6900	
1.9	Dismantling and Removing the wall and floor tile/ chipes /mozaic and terrazzo floor with great care i/c removal and disposal of debris from site to an approved dumping area as per the instructions of project manager.	sft				Ch#.4 Sr.no50
a)	Ground Floor & 1st Floor		34.584	1,000.0	34,584	
	2nd Floor & Above		39.080	2,000.0	78,160	
1.10	Dismantling & Removing the steel Corrugated/Fiber glass/Sheet Shades i/c supports (holdfasts)and other fixing material etc. with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	sft				RA 1.10
a)	Ground Floor & 1st Floor		15.500	2,000.0	31,000	
b)	2nd Floor & Above		17.500	250.0	4,375	
1.11	Dismantling & Removing G.I shutter i/c supports (holdfasts) and other fixing material etc. with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	Each				RA 1.11
a)	Ground Floor & 1st Floor		2,161.5	250.0	540,375	
1.12	Dismantling / Removal Metal Railing /c supports (holdfasts)and other fixing material etc. with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project Engibneer.	sft				RA 1.12
a)	AMOUNT IN MILLION		56.8	50.0	2,840	
b)	2nd Floor & Above		64.17	500	32085	
1.13	Dismantling/Removing the Air Cooler /Water Tank with great care, making inventory, stalking as per the instructions of project manager.	Each				RA 1.13
a)	Ground Floor & 1st Floor		1,307.000	100.0	130,700	

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
	2nd Floor & Above		1,476.910	100.0	147,691	Added 13% as per MRS
1.14	Dismantling/Removing the Steel angle Iron/steel Bracket/ singe board with great care, making inventory, stalking and making good as per the instructions of project manager.	Each				RA 1.14
a)	Ground Floor & 1st Floor		1,080.750	50.0	54,038	
b)	2nd Floor & Above		1,221.250	10.0	12,213	
1.15	Dismantling/Removing the Steel Wire Gauze including frame with great care, making inventory and stalking as per the instructions of project manager.	sft				RA 1.15
a)	Ground Floor & 1st Floor		8.370	880.0	7,366	
b)	2nd Floor & Above		9.460	600.0	5,676	
1.16	Removing wooden ventilators and wooden sunshade from wall with great care without damaging plaster/ surface finishes complete in all respect as per the instructions of Project Manager.	Each				Ch#.4 Sr.no33
a)	Ground Floor & 1st Floor		265.000	100.0	26,500	
b)	2nd Floor & Above		299.450	50.0	14,973	Added 13% as per ch.4 sr.33
1.17	Removing glass from window/door panels with great care as per the instructions of Project Manager.	sft				RA 1.17
a)	Ground Floor & 1st Floor		21.620	800.0	17,296	
b)	2nd Floor & Above		24.420	800.0	19,536	
1.18	Removal of Exhaust Fan from wall with great care without damaging plaster/ surface finishes complete in all respect as per the instructions of Project Manager.	Each				RA 1.18
a)	Ground Floor & 1st Floor		1,551.000	50.0	77,550	
b)	2nd Floor & Above		1,753.000	100.0	175,300	
1.19	Removing windows and sky lights with chowkat from wall with great care without damaging plaster/ surface finishes complete in all respect as per the instructions of Project Manager.	Each				Ch.#.4 Sr.no 32(b)
a)	Ground Floor & 1st Floor		505.550	10.0	5,056	
b)	2nd Floor & Above		571.272	100.0	57,127	Added 13% as per ch. no.4 Sr.no 32(b)
1.20	Dismantling rolled steel beams or iron rails ,etc, with great care without damaging plaster/surface finishes/Brick work complete in all respect as per the instructions of Project Manager.	Kg				Ch.#.4 Sr.no38
a)	Ground Floor & 1st Floor		12.349	500.0	6,174	
b)	2nd Floor & Above		13.954	100.0	1,395	Added 13% as per ch. no.4)
1.21	Removal of White wash or colour wash with care complete in all respects.	sft				Ch.#.4 Sr.no 49a
a)	Ground Floor		3.762	8,000.0	30,096	
b)	2nd Floor & Above		4.251	10,000.0	42,511	Added 13% as per ch. no.4)
1.22	Removal of Ordinary distemper, oil bound distemper ,or paint of wall with care complete in all respects.	sft				Ch.#.4 Sr.no 49b
a)	Ground Floor		11.286	7,200.0	81,259	

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
b)	2nd Floor & Above		12.753	11,000.0	140,285	
2.0 Masonry Works						
2.1	Pucca brick work 225mm thick i/c toothing with existing brickwork , preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 225 mm x 112.5 mm x75mm (9"x4.5"x3") using 1:4 cement: sand mortar complete in all respect as per the instructions of Project Manager.	cft				Ch#.7 Sr.no5(i)
a)	Ground Floor		482.290	1,000.0	482,290	
b)	1st Floor		544.980	250.0	136,245	added rate as per item no, 6
2.2	Pucca brick work 225mm thick i/c toothing with existing brickwork , preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 225 mm x 112.5 mm x75mm (9"x4.5"x3") using 1:2 white lime: kankar lime mortar complete in all respect as per the instructions of Project Manager.	cft				RA 2.2
a)	Ground Floor & 1st Floor		557.400	500.0	278,700	
b)	2nd Floor & Above		572.000	600.0	343,200	
2.3	Pucca brick work in arches i/c toothing with existing brickwork , preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 225mm x 112.5mm x75mm (9"x4.5"x3") using 1:4 cement: sand mortar complete in all respect as per the instructions of Project Manager.	cft				Ch.#.7 Sr.no7(i) + 9
a)	Ground Floor & 1st Floor		464.030	1,000.0	464,030	
2.4	Repairing pucca brickwork i/c taking out damaged/decayed/salt eaten bricks carefully, supporting existing brickwork and providing new bricks, preparing surfaces, curing, protecting with small sized 300 x 150 x 32 mm (12" x 6" x 1¼") 1st class burnt bricks using 1:2 white lime:kankar lime mortar complete in all respect as per the instructions of Project Manager.	cft				RA 2.4
a)	Ground Floor & 1st Floor		977.800	100.0	97,780	
b)	2nd Floor & Above		1,099.200	200.0	219,840	
3.0 Cut Dressed and carved Brickwork						
3.1	Making Floral/Decorative Cornices at site with 225x112.5x75 mm (9"x4.5"x3") 1st class pucca burnt bricks i/c preparing surfaces, curing, protecting the existing surfaces etc in in 1:2 white lime:kankar lime mortar complete in all respect as per drawings and specifications and the instructions of Project Manager.	RF				R.A 3.1
a)	Ground Floor & 1st Floor		207.880	500.0	103,940	
b)	2nd Floor & Above		234.860	700.0	164,402	

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
3.2	Repairing Decorative Cornices in normal sized 225x112.5x75 mm (9" x 4.5" x3") 1st class pucca burnt bricks in c/s mortar (1:4) i/c removal of loose and damaged and decayed bricks and rectification of brick work in Cornices in the pattern as original work, preparing surfaces, curing, protecting etc complete in all respect.	RF				R.A 3.2
a)	Ground Floor & 1st Floor		207.880	10.0	2,079	
3.4	Providing and fixing 38 mm (2") thick cement concrete Perforated jali reinforced with 1mm thick wire including coping at top, with pre cast cement concrete vertical posts, including cost of reinforcement, finishing, curing, true to plumb, including cost of dowels, keys, grouting, finishing, etc. with cement sand mortar 1:3, as per design and size as original or shown in the drawings, complete in all respects.	sft				CH# 6, ITEM15
a)	Ground Floor + 1st Floor + 2nd floor & Above		151	2,500	377,500	

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
3.5	Providing at any height at any floor nominal 50 mm thick terracotta jali using lime mortar (White lime:Kankar Lime in Ratio 1:2) of surkhi, finishing, curing, true to plumb, including grouting, finishing etc.as per design and size as original or shown in the drawings, complete in all respects.	sft				R.A 3.5
a)	Ground Floor & 1st Floor		809.110	500.0	404,555	
b)	2nd Floor & Above		914.290	650.0	594,289	
4.0 Surface Rendering works						
4.1	Cleaning and preparing brick surface including raking out joints and applying 13 mm (1/2") thick (nominal) cement sand (1:4) plaster on vertical surfaces including curing, matching with adjacent surfaces, protection of adjacent surface, etc. complete to the satisfaction of project manager.	sft				Ch #.11 Sr.# 9 (b)
a)	Ground Floor & 1st Floor		47.080	8,000.0	376,640	
b)	2nd Floor & Above		49.905	8,500.0	424,191	added 6% Sr.no 9 (b)
4.2	Cleaning and preparing surface of normal sized bricks 225x112.5x75mm (9" x 4.5" x 3") on building surface including raking out joints and applying Lime pointing flush upto 20' (6.00 m) height including raking joints, in lime, sand mortar 1:2, including curing, protection of adjacent surfaces complete to the satisfaction of project manager.	sft				CH#11, sr. No. 14
a)	Ground Floor & 1st Floor		30.585	100.0	3,058	
b)	2nd Floor & Above		32.420	3,000.0	97,259	added 6% sr. No. 14
4.3	Cleaning and preparing brick surface including raking out joints and applying 19 mm (3/4") thick (nominal) kankar lime plaster using white lime & kankar lime ratio of 1:3, strengthened with 5% chopped jute fiber, and finished with floating coat including curing, protection of adjacent surfaces complete to the satisfaction of project manager.	sft				RA 4.3
a)	Ground Floor & 1st Floor		215.800	500.0	107,900	
b)	2nd Floor & Above		344.900	2,000.0	689,800	
4.4	Providing and laying 2" thick an average kankar lime plaster in layers with base layer 1-1/2" thick 1:2:3/4 (1 fine kankar, 2 coarse kankar, 3/4 white lime) including jute 2 kg for 100 Sft and 1/2" thick finishing layer with 1:3 lime mortar and over plaster of liquied mixture of lime mortar inlcuding scaffolding, putty, curing etc complete in all respects	sft				RA 4.4
a)	Ground Floor & 1st Floor		588.700	200.0	117,740	
b)	2nd Floor & Above		665.240	2,000.0	1,330,480	
5.0 Wood works						

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
5.1	Repairing existing wood work first class (deodar) (doors, windows and ventilators) including removal of damaged portion, repairing and rectifying damage and reinstalling to match with existing including all hardwares like tower bolt, hinges and earl drawer etc(Measurement of Reinstalled/Repaired Area will be paid), applying approved termicide as per instructions of site incharge:	sft				R,A 5.1
a)	Ground Floor & 1st Floor		2524	200	504800	
c)	2nd Floor & Above		2852	200	570400	
5.2	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge	sft				CH#12,Sr. No.7 iii
a)	Ground Floor & 1st Floor		3,820.825	800.0	3,056,660	
	2nd Floor & Above		4,317.532	500.0	2,158,766	
5.3	Providing New wood work for single leaf door panels (excluding frames) of under given types in first class Deodar wood as per design and specifications including approved termicide, fixing in place and repair of adjoining surfaces complete in all respect.	sft				R,A 5.3
i)	Paneled door with panel frame size of 20mmx30mm to 30mmx50mm and 12mm to 20mm thick panels					
a)	Ground Floor & 1st Floor		2,580.000	250.0	645,000	
iii)	partially glazed and partially panelled door with frame size of 20mmx30mm to 30mmx50mm, panel thickness of 12mm to 20mm and 5mm thick glass	sft				
c)	2nd Floor & Above		2,915.000	350.0	1,020,250	
5.4	Providing New wood work for double leaf/folding door panels (excluding frames) of under given types in first class Deodar wood as per design and specifications including approned termicide ,fixing in place and repair of adjoining surfaces complete in all respect.	sft				R.A 5.4
i)	Paneled door with panel frame size of 20mmx30mm to 30mmx50mm and 12 mm to 25mm thick panels.					
a)	Ground Floor & 1st Floor		2,802.000	500.0	1,401,000	
c)	2nd Floor & Above		3,165.350	490.0	1,551,022	

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
5.5	Providing New wood work for partially glazed type ventilators (excluding frames) in first class Deodar wood as per design and specifications including approved termicide, fixing in place and repair of adjoining surfaces complete in all respect.	sft				R.A 5.5
a)	Ground Floor & 1st Floor		939.000	600.0	563,400	
c)	2nd Floor & Above		1,061.000	400.0	424,400	
5.6	Providing new wooden frame of first class deodar wood as per design and specifications including approved termicide, fixing in place i/c cost of nuts, bolts, nails and hold fasts etc. and repair of adjoining surfaces complete in all respect	RFT				R.A 5.6
i)	Frame sizes ranging from 50mmx75mm to 75mmx125mm size for doors					
a)	Ground Floor & 1st Floor		1,898.000	600.0	1,138,800	
c)	2nd Floor & Above		2,144.000	700.0	1,500,800	
ii)	Frame sizes ranging from 75mm x 100 mm to 100mmx125mm size for doors					
a)	Ground Floor & 1st Floor		1,898.000	600.0	1,138,800	
c)	2nd Floor & Above		2,144.000	600.0	1,286,400	
5.7	Providing and Fixing Plane glass including cutting of glass for given design and size/match to existing without damaging existing/adjacent glass panes fixed with A class deodar wood beading of under given types for windows, doors, ventilators and fanlights.	sft				R.A 5.7
i)	Plane glass					
a)	Ground Floor & 1st Floor		847.000	1,000.0	847,000	
c)	2nd Floor & Above		958.000	1,500.0	1,437,000	
5.8	Providing and Fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes per cm2) fixed with ii) with springs or spring hinges. 38mmx75mm sized openable frame of "B" Class deodar wood for windows.	sft				Chapter no.12 Sr.no 13 a(ii)
a)	Ground Floor & 1st Floor		1,679.500	650.0	1,091,675	
c)	2nd Floor & Above		1,676.000	1,000.0	1,676,000	
5.9	Providing new wood work in katehras of under given types in "B" Class deodar wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect.	sft				R.A 5.9
i)	Panelled having a 38mm thick frame and 20mm thick panels.					
a)	Ground Floor & 1st Floor		3,808.230	300.0	1,142,469	
b)	2nd Floor & Above		4,303.300	400.0	1,721,320	

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
5.10	Providing and fixing of Wooden Shade roof using 50mmx50mm frame to support 13 mm thick wooden over lapping slits (using deodar wood first class) including 24 SWG GI corrugated sheet roofing and 24 SWG GI sheet flashing embedded at one end into masonry wall with lead wedge @ 300mm c/c i/c all nuts, bolts and glue nails etc. for fixing and making good facade surfaces as per the specifications and designs provided in drawings and as per the instructions of project manager.	sft				R.A 5.10
a)	Ground Floor & 1st Floor		3025	600	1815000	
b)	2nd Floor & Above		3418	800	2734400	
6. Structural Woodwork						
6.1	Providing New wooden Beam/Lintel of cheer wood as per design and specifications i/c application of approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect.	cft				RA 6.1
a)	Ground Floor & 1st Floor		3,404.870	100.0	340,487	
c)	2nd Floor & Above		3,518.780	100.0	351,878	
6.2	Providing and fixing of deodar wood "grade B" jharoka face with adjacent sides having bottom horizontal baseframe, supporting main frame pillars and transom of 75mmx75mm cross-section and top frame/vents in size 30mmx40mm to receive partially frosted 8mm thick glass supported by main pillars i/c katehra frame of size 50mmx50mm having spindles of 25mm dia i/c all nuts, bolts and glue nails etc. for fixing the jharoka to floor base and side walls all as per the design and specifications provided in drawing no. A-502 complete in all respects to the approval of Project Manager.	sft				R.A 6.2
a)	1st Floor		2,010.000	300.0	603,000	
	2nd Floor & Above		2,271.300	400.0	908,520	
6.3	Providing and fixing of floor for jharoka as described in item no. 6.2 above using 50 mm thick cheer wood board resting on supports paid for separately as per the design and specifications provided in drawings i/c all nuts, bolts and glue nails etc. for fixing and anchoring to the building structure and making good facade surfaces complete in all respects as per the instructions of project manager.	sft				R.A 6.3
a)	2nd Floor & Above		2,272.000	700.0	1,590,400	

A: Facade Rehabilitation

MRS 1st BI-ANNUAL 2025

Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
6.4	Repairing of existing historic Wooden Jharoka of semi polygonal shape i/c repair of katehras, main pillars, ventilators, ornamental base and roofing elements, floorings etc to match the existing work as per site requirements i/c removal of existing finishes and application of three coats of double boiled linseed oil on wooden surfaces and enamel paint on metal surfaces, making good of adjacent surfaces complete in all respect as per the specifications and designs to the approval of the Project Manager. (basis of measurement shall be external surface area of jharoka)	sft				R.A 6.4
a)	2nd Floor & Above		2,272.000	160.0	363,520	
6.5	Providing historic Wooden Balcony i/c katehras , main pillars, ventilators, rafters and brackets and roofing elements, floorings etc and application of three coats of double boiled linseed oil on wooden surfaces and enamel paint on metal surfaces, making good of adjacent surfaces complete in all respect as per the specifications and designs to the approval of the Project Manager. (basis of measurement shall be external surface area of Balcony)	sft				R.A 6.5
a)	1st Floor		2,170.000	400.0	868,000	
b)	2nd Floor & Above		2,599.120	400.0	1,039,648	added 6%
6.6	Providing and fixing 1 1/2" (40mm) thick Solid flush door shutter (approved factor manufactured with commercial ply 5mm thick on both sides double pressed and deor wood liping 1.5"x3/8" (40 mm x 10 mm) around shutter including chromium plate fitting iron hinges with aluminum kick plate 22SWG on both sides & finger plate complete in all respect	sft	643.35	520	334542	MRS CHAPTER 12 ITEM 50 i
7.0 Plain/Reinforced Concrete Works						
7.1	Providing mixing, placing, laying, compacting, finishing and curing reinforced cement concrete 1:2:4 for slabs/beams/lintels/shades i/c screening and washing of aggregate materials with nominal compressive strength of 3000 psi including cost of form work as per drawings and specifications complete in all respects as per the instructions of Project Manager.	cft				Ch# 6 Sr.6(a)(i) 3(c)type
a)	Ground Floor & 1st Floor		771.350	500.0	385,675	
c)	2nd Floor & Above		817.631	1,000.0	817,631	Added 6% Sr.6(a)(i)

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
7.2	Providing and fixing in position Deformed Reinforcement bars 60,000 psi yield strength including cost of cleaning, straightening, cutting, bending, binding, wastage, all overlaps whether shown on drawing or not, M.S. Chairs and tying with annealed wire 16 SWG (binding wire) placing in position of cement concrete precast gutti C:S (1:3) in all kinds of RCC works complete in all respect.	Kg				MRS chapter no.6 Sr.12(II)
a)	Ground Floor & 1st Floor		358.707	150.0	53805.975	
c)	2nd Floor & Above		380.229	200.0	76,046	added 6%.6 Sr.9(c)
8.0 Painting & Decorative Works						
8.1	Applying three coats of approved quality and shade external paint finish (weather shield) on old and new plastered surfaces including cleaning and preparing surfaces protecting surfaces complete in all respect and up-to the entire satisfaction of project Manager.	sft				Ch. no.13 Sr.33 a (i+ii)
a)	Ground Floor & 1st Floor		74.226	14,000.0	1,039,164	
c)	2nd Floor & Above		78.680	20,000.0	1,573,591	Added 6% for 2nd & above floor
8.2	Applying three coats Enamel paint of approved quality and shade on wooden and metal old and new surfaces including cleaning, preparing and protecting surfaces etc complete in all respects and upto the entire satisfaction of project Manager.	sft				MRS chapter no.13 Sr.32 a (i+ii+iii)
a)	Ground Floor & 1st Floor		30.037	10,000.0	300,365	
c)	2nd Floor & Above		31.839	9,000.0	286,548	Added 6% for 2nd & above floor
8.3	Applying three coats of kankar lime wash over plastered surfaces using fine kankar lime powder mixed with white lime, water and approved adhesive including cleaning, preparing and protecting surfaces etc complete in all respects in accordance with the instructions of Project Manager.	sft				RA 8.3
a)	Ground Floor & 1st Floor		28.000	18,000.0	504,000	
c)	2nd Floor & Above		31.500	24,000.0	756,000	
8.4	Applying minimum three coats of double boiled linseed oil mix with Kerosine/ Tarpentine oil in approved ratio on new wooden surface including cleaning and preparing and protecting surfaces etc. complete in all respects as per instruction of project Manager.	sft				MRS chapter no.13 Sr.1(b)
a)	Ground Floor & 1st Floor		3.977	10,000.0	39,765	
c)	2nd Floor & Above		4.215	12,000.0	50,581	Added 6% for 2nd & above floor
8.5	Providing new wood work for wooden deck of size under given types in "B" Class deodar wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect including all hardwares.	sft	3,401.170	400.0	1,360,468	R.A 8.5

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
8.6	Providing new wood work in wooden awning suport with wooden Frame (6'x3x.25"x.25'),supported with steel brackets, including horizontal jhalar of size under given types in "B" Class deodar wood also including 24 SWG GI corrugated sheet roofing and 24 SWG GI sheet flashing embeded at one end into masonry wall with lead wedge @ 300mm c/c i/c all nuts, bolts and glue nails etc. for fixing and making good facade surfaces as per the specifications and designs provided in drawings and as per the instructions of project manager and repair of adjoining surfaces complete in all respect including all hardwares	sft	2820.79	1,000.0	2,820,790	RA.8.6
9.0 Steel Works						
9.1	Providing and fixing 24 SWG G.I. sheet rolling shutter , consisting of steel frame of M.S. channel 2"x1¼"x1/8" (50 x30x3 mm), angle iron 1½" x 1½" x1/8" (40x40x3 mm), M.S. plate 1' x 1' x1/8" (300x300x3 mm), G.I. pipe 1½" (37 mm) dia, springs 2' (600 mm) centre to centre, rollers, 24 SWG G.I. covering 1 ft. x 1 ft. (300x300 mm), handles, holdfast, and painting three coats, complete in all respects as per instructions of Project Manager.	sft				Ch. no.25 Sr.37
a)	Ground Floor		780.100	10,800.0	8,425,080	
9.2	Providing and fixing terrace railing of 2" (50 mm) i/d conduit pipe 16 SWG, welded with 5/8"x5/8" (16 x16 mm) square bar 2.75 ft. (838 mm) high fixed at 5" (125 mm) centre to centre, in reinforced cement concrete slab with suitable arrangement, complete in all respects, as per the instructions of Project Manager.	Rf				Ch. no.25 Sr.35
b)	1st Floor & 2nd Floor & Above		1,878.55	1,200.0	2,254,260	
9.3	Making and fixing steel grated doors , complete with locking arrangement, angle iron frame 2" x 2" x 3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, including painting three coats complete in all respects.	sft				Ch. no.25 Sr.30
a)	Ground Floor & 1st Floor		2,266.300	1,100.0	2,492,930	
9.4	Providing and fixing ornamental Steel Bracket complete in all repects as per drawings and specifications and as per the instructions of Project Manager.	Each				L.S
a)	Ground Floor & 1st Floor		5,000.000	40.0	200,000	
9.5	Providing and Fixing steel folding steps MS box pipe 18swg 2" dia. MS chanal / patti 2 # GI sheet 18swg welding with paint complete in all respects as per given in drawings					RA 9.5
9.6	steel folding steps	sft	1,547.000	10,500.0	16,243,500	RA9.6

A: Facade Rehabilitation						
MRS 1st BI-ANNUAL 2025						
Sr.#	Item Description	Unit	Rates	Qty.	Amount	Reference
9.7	Providing and Fixing awning MS pipe 18swg 2" dia. MS chanal / patti 2 # spacial imported tensile fabric welding with paint complete in all respects as per given in drawings.	Rf	4,625.900	4,000.0	18,503,600	RA9.7
10.0 Misc.						
10.1	Providing and erection at site of work Sign post of M.S. plate 1/8" thick (3 mm) Warning/ Direction/ Informatory as per drawing and instruction of site Engineer	each	12,690.45	30.0	380,714	ch. no.18 Sr.no 19 (iv (b
10.2	(Providing, fixing storm water from roof to street, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended ,L - Joints conforming to BS 4514 / BS 5255 EN-1329 including the cost of specials and Solvents complete in all respects, as per specifications and / or as approved and directed by the Site Incharge. Type (SDR 32.5/SN-8)4"(110 mm)	Rf	274.2	7,500.0	2,056,500	Ch. No19sr, 47(b(v)
10.3	providing & fixing of shop names on shutter street names etcc) Painting and lettering Sign posts:-ii) two coats	Each	770.1	770.1	593,054	Ch. No13sr, 22(C II
10.4	Documentation:Architectural documentation including photographic documentation perpatation of plans, sections elevation and conservation detailing, complete in all respect as per instruction of site in charge.	L/S	500,000.0	1	500,000	L/S
SUB TOTAL					108,164,281	PKR
AMOUNT IN MILLION					108.2	MILLION

**INFRASTRUCTURE IMPROVEMENT AND FACAD REHABILITATION OF SPICE MARKET
(Package 02) ROAD, DRAIN, PARKING,WORKS , WALLED CITY, LAHORE"**

INFRASTRUCTURE						
sr.no	Description	Unit	Qty	Rate	Amount (PKR)	Ref.1st bi annual 2025
1	Dismantling and removing road metalling	cft	3750	30.09	112837.5	MRS chapter no,4 sr no.45
2	Dismantling cement concrete (P.C.C.) 1:2:4 with care protecting adjoining structures site area as per the instructions of site incharge.	cft	5250	165.528	869022	MRS chapter no,4 sr no.19 c
3	Dismantling of existing brickwork with its surface finishes with care, protecting adjacent surfaces from damage from site to an approved dumping area as per the instructions of site incharge .	cft	8000	63.96	511680	MRS chapter no,4 sr no.13
4	Earthwork excavation in open cutting 5.01 ft. (1.5 m) to 10.0 ft. (3.0 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 100 ft. (30 m) lead:-iv) gravel & shingle	cft	16000	30.69	491040	MRS chapter no,3 sr no.8iv
5	Pucca brick work 230mm thick i/c toothing with existing brickwork, preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 230mmx115mmx75mm (9"x4.5"x3") using 1:4 cement: sand mortar complete in all respect as per the instructions of site incharge.	cft	1012	422.84	427914.08	MRS chapter no,7 sr no.4i
6	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS 4514 / BS 5255 EN-1329 including the cost of specials and Solvents complete in all respects, as per drawings & specifications and / or asapproved and directed by the Engineer Incharge. 110mm dia	Rft	2000	267.15	534300	MRS chapter no,19 sr no.47 (v
7	Providing, laying, jointing and testing of prefabricated PP manhole chambers for sewerage and storm lines as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement.				0	
8	For 150 mm (6") Sewer Line	nos.	100	85043.4	8504340	RA1
9	Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta colour) with push-fit type joints (Z-joints), i/c rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc, as per site requirements according to design and drawings and to the entire satisfaction of the site incharge, complete in respects. 300 mm (12") Sewer and storm Line.	Rft	800	3545	2836000	RA1i
10	Providing and laying R.C.C manhole cover and female part with MS angle iron frame size of 350mm for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.				0	
11	for Sewer and storm Lines	nos.	50	9181.42	459071	RA2
12	Providing and fixing sewer connection with push-fit type joints (Z-joints)with upvc chamber required horizontal 110 mm (4") pipe and 150 mmx110mm (6"x4") reducer i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.	nos.	50	10032.7	501635	RA3
13	Providing and laying approved quality Ravi sand for backfilling after laying, jointing and testing of services including leveling, watering and compaction up to 95% to maximum modified AASHTO dry density, complete in all respects as per the instructions of site incharge.	cft	5000	80.3	401500	RA4
14	Providing mixing, placing, compacting, laying, finishing and curing plain cement concrete (PCC) 1:3:6 (Using Sargodha Crush and Larwrencepur & Chanab Sand 50/50) i/c screening and washing of aggregates materials as per drawings and specifications complete in all respects as per the instructions of site incharge.	cft	13130	433.29	5689097.7	MRS chapter no,6sr no.5 (h

15	Cement concrete plain Ratio 1: 4: 8 including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate):	cft	15000	382.2	5733000	MRS chapter no,6sr no.5 (l
16	Brick on edge flooring, laid in 1:6 cement mortar, over a bed of ¾" (20 mm) thick cement mortar 1:6.	sft	10000	187.5215	1875215	MRS chapter no,6sr no.5 (l
17	Providing and laying concrete tile 8" x 2.5" x 1.5" full body colored as approved.including cutting of tiles for fixing in patterns(around the Manhole cover etc) as shown on drawing complete in all respects including cement,sand cushion.(for stablization)	sft	17000	499.48	8491160	RA5
18	Disposal of debries from site, lead upto 10Km. Complete in all respects.	cft	110000	12.62	1388200	MRS chapter no,1sr no.1
19	Providing, laying, cutting, jointing, testing and disinfecting Asbestos Cement / Fibre Cement pipe line in trenches, withcomet joint and rubber ring, complete in all respects:-k) 24" i/d (600 mm)	rft	500	8856.95	4428475	MRS chapter no,23sr no.25,2k
20	Providing and laying R.C.C. pipe sewers, moulded with ditto cement concrete 4000 psi conforming to ASTM Specification C-76-20, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc., complete. 610 mm (24") i/d	Rft	400	2153.55	861420	MRS chapter no,21sr no.3 v
21	Extra for making and finishing benching floor work in manhole chamber, with 1/8" (3 mm) thick cement finish	sft	200	41.972	8394.4	MRS chapter no,21sr no.9
22	Providing and fixing, 6" (150 mm) thick R.C.C. manhole cover with 3"x3"x¼" (75x75x6mm) angle iron frame, 22"(550 mm) i/d as per standard drawing STD/PD No. 7 of 1977, complete in all respects.	per set	50	12862.65	643132.5	MRS chapter no,21sr no.18
23	Pacca brick work in foundation and plinth in (for manholes):-i) Cement, sand mortar:-Ratio 1:4	cft	5000	419.98	2099920	MRS chapter no,7sr no.4i
24	Supply and fitting of cast iron manhole cover square / circular with frame, etc.iii) 60 cm (24") complete	each	40	5594.15	223766	MRS chapter no,19sr no.40iii
25	Providing, laying, cutting, jointing by fusion welding at site, testing and disinfecting of HDPE pipe conforming to ISO 4427-2:2007 (E) PE 100 PN 10,SDR- 17 including cost of specials, as per design, drawings and specifications complete in all respects. 90 mm HDPE pipe line.	Rft	4000	338.95	1355800	MRS chapter no,23sr no.42 (c) (7
26	Providing and installing house connection, including HDPE saddle, female threaded elbow with compression fitting, HDPE male threaded adopter 25 mm OD, 90° HDPE bend/elbow with double compression fitting, 25mm OD HDPE Pipe, 19 mm ID G.I Pipe conforming to BSS 1387- (medium weight), G.I sockets, GI Tees, GI barrel nipples, GI elbows, gun metal gate valve, steel fixing hooks, as per given drawings, designs and specifications complete in all respects. From 90 mm HDPE pipe line.	nos.	150	4372.5	655875	MRS chapter no.23,sr no.41(i
27	Providing, laying, cutting, jointing by fusion welding at site, testing and disinfecting of HDPE pipe conforming to ISO 4427-2:2007 (E) PE 100 PN 10, SDR 11, including cost of specials, fusion welding, as per drawings and specifications complete in all respects. (25mm dia)	Rft	2250	40.25	90562.5	MRS chapter no,23sr no.42 (c) (1
28	Providing, laying, jointing and testing of fabricated uPVC storm water collection chambers 300mm dia welded with uPVC pipe with 50mm silt traps, 100mm outlet and connecting with uPVC pipe drain as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement and as per the instructions of site incharge.	nos.	60	34753.5	2085210	RA6
29	Providing and fixing Gibault joint for existing water supply line as per drawings and specifications complete in all respects as instructions of site incharge	nos.	150	7451.1	1117665	RA7
30	Providing and fixing sewer connection with push-fit type joints (Z-joints)with upvc main sewer pipe with 150 mmx110mm (6"x4") yee, required horizontal 110 mm (4") dia pipe i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.	nos.	250	13332.7	3333175	RA8
31	Providing and fixing Temporary connections of water supply and sewer also during dismantling and excavation repairing work Gas, water supply, and sewer connections complete in all respects as per instructions of site incharge	nos.	200	6502.85	1300570	RA9

32	Providing and laying R.C.C Grating 300 mm dia covers for storm drains i/c RCC ring around the upvc chamber for resting as per approved design and drawings matching with the street surfacing, complete in all respects.	nos.	100	3155.15	315515	RA10
33	Providing and fixing sluice valve of B.S.S. quality and Labour rates include cost of jointing weight, Class 'B', for cast iron pipe line, and Asbestos material and labour. cement pipe line (including cost of jointing material): 4" i/d (100 mm)	Each	10	22906.6	229066	MRS chapter no,23sr no.30B
34	Supply, installation, testing, and commissioning of Garden/fire Hydrants made by Haseen Habib / Teepu Engineering or approved equivalent manufacturer, according to B.S.S. 750 standard double delivery type having 4" dia barrel with 2 Nos. 2-1/2" valve including the cost of jointing material with all fittings and accessories complete in all respect as approved by the Engineer Incharge	Each	6	68766.6	412599.6	MRS chapter no,23sr no.32
35	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.(i) (ii) 1/2" Square Bars	Per Sft	10000	1,247.40	12474000	MRS chapter no,25sr no.59ii
				Total	70461158.28	Pkr
AMOUNT IN MILLION					70.46115828	

(ROAD WORK)INFRASTRUCTURE IMPROVEMENT AND FACAD REHABILITATION OF SPICE MARKET (Package 02) ROAD, DRAIN, PARKING,WORKS , WALLED CITY, LAHORE"						
C:ROAD WORKS						ANNUAL 2025
Sr. No.	Description of Item	Qty	Unit	Rate	Amount	Remarks
1	Dismantling of existing brickwork with its surface finishes with care, protecting adjacent surfaces from damage from site to an approved dumping area as per the instructions of site incharge .	5,000.00	CFT	63.96	319800.00	MRS chapter no,4 sr no.13
2	Dismantling cement concrete (P.C.C.) 1:2:4 with care protecting adjoining structures site area as per the instructions of site incharge. SLAB	5,000.00	CFT	165.53	827650.00	MRS chapter no,4 sr no.19 c
3	Dismantling and removing road metalling.	2,000.00	cft	30.10	60192.00	item # 45. ch # 4
4	a) Providing and laying sub-base course of stone product of approved quality and grade, including placing, mixing, spreading and compaction of sub-base material to required depth, camber, grade to achieve 100% maximum modified A A SHO dry density, including carriage of all material to site of work except gravel and aggregate. i) Crushed stone aggregate.	10000	cft	101.355	1013550	item # 3 (a), ii. ch # 18
5	Carriage of 100 Cft. (2.83 cu.m) of all materials upto 190km like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.	10000	CFT	234.802	2348020	RA01
6	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	1,400.00	Rft	79.70	111580.00	item # 5. ch # 18
7	a) Providing and laying base course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, including placing, mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified A A SHO dry density	5,000.00	cft	180.81	904065.00	item # 4 (a). ch # 18.
8	a) Providing and laying plant premixed bituminous carpet, including compaction and finishing to required camber, grade and density. iv) 4.5% Bitumen	9000	Sft	71.904	647136	item # 10 iii . ch # 18

9	Providing and laying good quality local sand cushion from approved source (compacted in layers not exceeding 6" thickness) by mechanized means including the cost of front end loader, vibratory roller and all lead and lifts, dressing, watering complete in all respects as approved and directed by the Engineer Incharge.	20,000.00	cft	51.95	1039000.00	item # 24. ch # 18
10	Providing and laying bituminous priming coat, using 10 lbs. kerosene oil and 10 lbs. binder per 100 Sq ft. or 0.5 Kg	10,500.00	Sft	20.80	218421.00	item # 6. ch # 18
11	Painting Traffic Lane Marking of specified width (1.5mm thick), with Thermoplastic (TP) Paint including Glass Beads, 6"WIDE complete in all respect, as approved and directed by Engineer incharge	4,000.00	Rft	56.8	227200.00	item # 36. ch # 13
12	Providing & fixing precast Edge Kerb Stone (4" to 6" thick) and 14" high of Compressive Strength of 3500 PSI laid in cement sand mortar (1:3) over pre-laid brick masonry for drain cum footpath etc complete in all respect(ii) With painting	4,000.00	Rft	708.75	2835000.00	item # 6. ch # 53 b ii
13	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) Ratio 1: 2: 4	2,000.00	cft	503.78	1007556.00	item # f 5. ch # 6
14	Providing and laying approved quality Ravi sand for backfilling after laying, jointing and testing of services including leveling, watering and compaction up to 95% to maximum modified AASHTO dry density, complete in all respects as per the instructions of site incharge.	9,000.00	CFT	54.27	488430.00	chap 10 item #3
15	Providing mixing, placing, laying, compacting, finishing and curing reinforced cement concrete 1:2:4 for slabs/beams/lintels/shades i/c screening and washing of aggregate materials with nominal compressive strength of 3000 psi including cost of form work as per drawings and specifications complete in all respects as per the instructions of Project Manager	9,820.00	cft	782.20	7681204.00	Ch# 6 Sr.6(a)(i) 3(c)type

16	Providing and fixing in position Deformed Reinforcement bars 60,000 psi yield strength including cost of cleaning, straightening, cutting, bending, binding, wastage, all overlaps whether shown on drawing or not, M.S. Chairs and tying with annealed wire 16 SWG (binding wire) placing in position of cement concrete precast gutti C:S (1:3) in all kinds of RCC works complete in all respect.	24,550.00	kg	154.03	3781473.33	chapter no.6 Sr.13(b)
Total					23,510,277	
AMOUNT IN MILLION					23.51	

**INFRASTRUCTURE IMPROVEMENT AND FACAD REHABILITATION OF SPICE MARKET ,
WALLED CITY, LAHORE"**

A: Facade Rehabilitation (PACKAGE 3)

ENGINEER'S COST ESTIMATE

MRS 1st BI-ANNUAL 2025

Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
(A)	FAÇADE WORK					
1.0 Dismantling / Demolition Works						
1.1	Removing cement sand plaster from walls with great care to expose brick surface i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	sft				Ch.no.4 Sr.no 48
a)	Ground Floor & 1st Floor		6.270	10,000.0	62,700	
c)	2nd Floor & Above		7.085	10,000.0	70,851	Added 13% as per Ch.4 sr.48
1.2	Dismantling of existing brickwork with its surface finishes with care, protecting adjacent surfaces from damage i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	cft		-	-	Ch. no.4 Sr.no 13
a)	Ground Floor & 1st Floor		63.954	2,000.0	127,908	
c)	2nd Floor & Above		72.268	2,000.0	144,536	Added. 13% as per ch.4 sr.13
1.3	Dismantling reinforced cement concrete with care protecting adjoining structures, Separating reinforcement from concrete cleaning and straightening the same i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	cft		-	-	Ch.#.4 Sr.no 20
a)	Ground Floor & 1st Floor		270.864	5,000.0	1,354,320	
c)	2nd Floor & Above		306.076	5,000.0	1,530,382	Added 13% as per ch.4 sr.17
1.4	Dismantling cement concrete (P.C.C.) with care protecting adjoining structures i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	cft		-	-	Ch.#.4 Sr.no 19-b
a)	Ground Floor & 1st Floor		135.432	54,000.0	7,313,328	
c)	2nd Floor & Above		153.03816	500.0	76,519	Added 13% as per ch.4 sr.17
1.5	Dismantling & Removing the existing canvas/ fiber glass awning with great care i/c pipes and other fixing material, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	Each		-	-	RA 1.5
a)	Ground Floor		1,080.750	800.0	864,600	
	2nd Floor & Above		1,221.248	273.0	333,401	

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
1.6	Dismantling & Removing the chowkat. metal /wooden window/ventilator i/c supports (holdfasts) and other fixing material, making inventory, stacking and carriage of the dismantled material to an approved dumping area with great care as per the instructions of project manager.	Each		-	-	Ch.#.4 Sr.no 32(A)
a)	Ground Floor & 1st Floor		648.45	500.0	324,225	
c)	2nd Floor & Above		732.749	175.0	128,231	Added 13% as per ch.4 sr.17
1.7	Dismantling/ Removing ventilators and wooden sunshade, etc. i/c supports (holdfasts) and other fixing material with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	Each		-	-	Ch# 4 Sr.no 33
a)	Ground Floor		265	500.0	132,500	
c)	2nd Floor & Above		299.450	500.0	149,725	Added 13% as per ch. no.4 Sr.no 32(a)
1.8	Dismantling & Removing the Cement Jali with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager	sft		-	-	RA 1.8
a)	Ground Floor & 1st Floor		12.200	500.0	6,100	
c)	2nd Floor & Above		13.800	500.0	6,900	
1.9	Dismantling and Removing the wall and floor tile/ chipes /mozaic and terrazzo floor with great care i/c removal and disposal of debris from site to an approved dumping area as per the instructions of project manager.	sft		-	-	Ch# 4 Sr.no50
a)	Ground Floor & 1st Floor		34.584	5,000.0	172,920	
	2nd Floor & Above		39.080	6,000.0	234,480	
1.10	Dismantling & Removing the steel Corrugated/Fiber glass/Sheet Shades i/c supports (holdfasts) and other fixing material etc. with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	sft		-	-	RA 1.10
a)	Ground Floor & 1st Floor		15.500	5,000.0	77,500	
b)	2nd Floor & Above		17.500	750.0	13,125	
1.11	Dismantling & Removing G.I shutter i/c supports (holdfasts) and other fixing material etc. with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project manager.	Each		-	-	RA 1.11
a)	Ground Floor & 1st Floor		2,161.5	800.0	1,729,200	

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
1.12	Dismantling / Removal Metal Railing /c supports (holdfasts)and other fixing material etc. with great care, making inventory, stacking and carriage of the dismantled material to an approved dumping area as per the instructions of project Engibneer.	sft		-	-	RA 1.12
a)	1st Floor		56.8	1,500.0	85,200	
b)	2nd Floor & Above		64.17	625.0	40,106	
1.13	Dismantling/Removing the Air Cooler /Water Tank with great care, making inventory, stalking as per the instructions of project manager.	Each		-	-	RA 1.13
a)	Ground Floor & 1st Floor		1,307.000	200.0	261,400	
	2nd Floor & Above		1,476.910	200.0	295,382	
1.14	Dismantling/Removing the Steel angle Iron/steel Bracket/ singe board with great care, making inventory, stalking and making good as per the instructions of project manager.	Each		-	-	RA 1.14
a)	Ground Floor & 1st Floor		1,080.750	200.0	216,150	
b)	2nd Floor & Above		1,221.250	58.8	71,748	
1.15	Dismantling/Removing the Steel Wire Gauze including frame with great care, making inventory and stalking as per the instructions of project manager.	sft		-	-	RA 1.15
a)	Ground Floor & 1st Floor		8.370	750.0	6,278	
b)	2nd Floor & Above		9.460	287.5	2,720	
1.16	Removing wooden ventilators and wooden sunshade from wall with great care without damaging plaster/ surface finishes complete in all respect as per the instructions of Project Manager.	Each		-	-	Ch#.4 Sr.no33
a)	Ground Floor & 1st Floor		265.000	125.0	33,125	
b)	2nd Floor & Above		299.450	400.0	119,780	Added 13% as per ch.4 sr.33
1.17	Removing glass from window/door panels with great care as per the instructions of Project Manager.	sft		-	-	RA 1.17
a)	Ground Floor & 1st Floor		21.620	1,000.0	21,620	
b)	2nd Floor & Above		24.420	502.3	12,265	
1.18	Removal of Exhaust Fan from wall with great care without damaging plaster/ surface finishes complete in all respect as per the instructions of Project Manager.	Each		-	-	RA 1.18
a)	Ground Floor & 1st Floor		1,551.000	500.0	775,500	
b)	2nd Floor & Above		1,753.000	75.0	131,475	
1.19	Removing windows and sky lights with chowkat from wall with great care without damaging plaster/ surface finishes complete in all respect as per the instructions of Project Manager.	Each		-	-	Ch.#.4 Sr.no 32(b)
a)	Ground Floor & 1st Floor		505.550	100.0	50,555	
b)	2nd Floor & Above		571.272	98.0	55,985	Added 13% as per ch. no.4 Sr.no 32(b)

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
1.20	Dismantling rolled steel beams or iron rails ,etc, with great care without damaging plaster/surface finishes/Brick work complete in all respect as per the instructions of Project Manager.	Kg		-	-	Ch.#.4 Sr.no38
a)	Ground Floor & 1st Floor		12.349	1,000.0	12,349	
b)	2nd Floor & Above		13.954	250.0	3,488	Added 13% as per ch. no.4)
1.21	Removel of White wash or colour wash with care complete in all respects.	sft		-	-	Ch.#.4 Sr.no 49a
a)	Ground Floor		3.762	10,000.0	37,620	
b)	2nd Floor & Above		4.251	15,000.0	63,766	Added 13% as per ch. no.4)
1.22	Removel of Ordinary distemper, oil bound distemper ,or paint of wall with care complete in all respects.	sft		-	-	Ch.#.4 Sr.no 49b
a)	Ground Floor		11.286	1,800.0	20,315	
b)	2nd Floor & Above		12.753	5,000.0	63,766	
2.0 Masonry Works				-	-	
2.1	Pucca brick work 225mm thick i/c toothing with existing brickwork , preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 225 mm x 112.5 mm x75mm (9"x4.5"x3") using 1:4 cement: sand mortar complete in all respect as per the instructions of Project Manager.	cft		-	-	Ch#.7 Sr.no5(i)
a)	Ground Floor		432.368	7,000.0	3,026,576	
b)	1st Floor		452.308	2,000.0	904,616	added rate as per item no, 6
c)	2nd Floor & Above		469.868	2,000.0	939,736	added rate as per item no, 6
2.2	Pucca brick work 225mm thick i/c toothing with existing brickwork , preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 225 mm x 112.5 mm x75mm (9"x4.5"x3") using 1:2 white lime: kankar lime mortar complete in all respect as per the instructions of Project Manager.	cft		-	-	RA 2.2
a)	Ground Floor & 1st Floor		557.400	2,000.0	1,114,800	
b)	2nd Floor & Above		572.000	5,000.0	2,860,000	
2.3	Pucca brick work in arches i/c toothing with existing brickwork , preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 225mm x 112.5mm x75mm (9"x4.5"x3") using 1:4 cement: sand mortar complete in all respect as per the instructions of Project Manager.	cft				Ch.#.7 Sr.no7(i) + 9
a)	Ground Floor & 1st Floor		464.0	2,000.0	928,060	

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
2.4	Repairing pucca brickwork i/c taking out damaged/decayed/salt eaten bricks carefully, supporting existing brickwork and providing new bricks, preparing surfaces, curing, protecting with small sized 300 x 150 x 32 mm (12" x 6" x 1 1/4") 1st class burnt bricks using 1:2 white lime:kankar lime mortar complete in all respect as per the instructions of Project Manager.	cft		-	-	RA 2.4
a)	Ground Floor & 1st Floor		977.800	2,000.0	1,955,600	
b)	2nd Floor & Above		1,099.200	4,000.0	4,396,800	
3.0 Cut Dressed and carved Brickwork						
3.1	Making Floral/Decorative Cornices at site with 225x112.5x75 mm (9"x4.5"x3") 1st class pucca burnt bricks i/c preparing surfaces, curing, protecting the existing surfaces etc in in 1:2 white lime:kankar lime mortar complete in all respect as per drawings and specifications and the instructions of Project Manager.	RF		-	-	R.A 3.1
a)	Ground Floor & 1st Floor		207.880	1,000.0	207,880	
b)	2nd Floor & Above		234.860	1,500.0	352,290	
3.2	Repairing Decorative Cornices in normal sized 225x112.5x75 mm (9" x 4.5" x3") 1st class pucca burnt bricks in c/s mortar (1:4) i/c removal of loose and damaged and decayed bricks and rectification of brick work in Cornices in the pattern as original work, preparing surfaces, curing, protecting etc complete in all respect.	RF		-	-	R.A 3.2
a)	Ground Floor & 1st Floor		207.880	1,000.0	207,880	
3.4	Providing and fixing 38 mm (2") thick cement concrete Perforated jali reinforced with 1mm thick wire including coping at top, with pre cast cement concrete vertical posts, including cost of reinforcement, finishing, curing, true to plumb, including cost of dowels, keys, grouting, finishing, etc. with cement sand mortar 1:3,as per design and size as original or shown in the drawings, complete in all respects.	sft		-	-	CH# 6, ITEM15
a)	Ground Floor + 1st Floor + 2nd floor & Above		151	4,000.0	604,000	

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
3.5	Providing at any height at any floor nominal 50 mm thick terracotta jali using lime mortar (White lime:Kankar Lime in Ratio 1:2) of surkhi, finishing, curing, true to plumb, including grouting, finishing etc.as per design and size as original or shown in the drawings, complete in all respects.	sft		-	-	R.A 3.5
a)	Ground Floor & 1st Floor		809.110	1,000.0	809,110	
b)	2nd Floor & Above		914.290	3,000.0	2,742,870	
4.0 Surface Rendering works				-	-	
4.1	Cleaning and preparing brick surface including raking out joints and applying 13 mm (1/2") thick (nominal) cement sand (1:4) plaster on vertical surfaces including curing, matching with adjacent surfaces, protection of adjacent surface, etc. complete to the satisfaction of project manager.	sft		-	-	Ch #.11 Sr.# 9 (b)
a)	Ground Floor & 1st Floor		47.082	20,000.0	941,640	
b)	2nd Floor & Above		49.907	20,000.0	998,138	added 6% Sr.no 9 (b)
4.2	Cleaning and preparing surface of normal sized bricks 225x112.5x75mm (9" x 4.5" x 3") on building surface including raking out joints and applying Lime pointing flush upto 20' (6.00 m) height including raking joints, in lime, sand mortar 1:2, including curing, protection of adjacent surfaces complete to the satisfaction of project manager.	sft		-	-	CH#11, sr. No. 14
a)	Ground Floor & 1st Floor		30.585	2,000.0	61,169	
b)	2nd Floor & Above		32.420	5,000.0	162,098	added 6% sr. No. 14
4.3	Cleaning and preparing brick surface including raking out joints and applying 19 mm (3/4") thick (nominal) kankar lime plaster using white lime & kankar lime ratio of 1:3, strengthened with 5% chopped jute fiber, and finished with floating coat including curing, protection of adjacent surfaces complete to the satisfaction of project manager.	sft		-	-	RA 4.3
a)	Ground Floor & 1st Floor		215.800	2,000.0	431,600	
b)	2nd Floor & Above		344.900	5,000.0	1,724,500	
4.4	Providing and laying 2" thick an average kankar lime plaster in layers with base layer 1-1/2" thick 1:2:3/4 (1 fine kankar, 2 coarse kankar, 3/4 white lime) including jute 2 kg for 100 Sft and 1/2" thick finishing layer with 1:3 lime mortar and over plaster of liquied mixture of lime mortar inlcuding scaffolding, putty, curing etc complete in all respects	sft		-	-	RA 4.4
a)	Ground Floor & 1st Floor		588.700	2,100.0	1,236,270	
b)	2nd Floor & Above		665.240	4,950.0	3,292,938	
5.0 Wood works				-	-	

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
5.1	Repairing existing wood work first class (deodar) (doors, windows and ventilators) including removal of damaged portion, repairing and rectifying damage and reinstalling to match with existing including all hardwares like tower bolt, hinges and earl drawer etc(Measurement of Reinstalled/Repaired Area will be paid), applying approved termicide as per instructions of site incharge:	sft		-	-	R,A 5.1
a)	Ground Floor & 1st Floor		2524	2,000.0	5,048,000	
c)	2nd Floor & Above		2852	2,000.0	5,704,000	
5.2	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge	sft		-	-	CH#12,Sr. No.7 iii
a)	Ground Floor & 1st Floor		3,280.850	1,200.0	3,937,020	
	2nd Floor & Above		3,707.361	1,400.0	5,190,305	
5.3	Providing New wood work for single leaf door panels (excluding frames) of under given types in first class Deodar wood as per design and specifications including approved termicide, fixing in place and repair of adjoining surfaces complete in all respect.	sft		-	-	R,A 5.3
i)	Paneled door with panel frame size of 20mmx30mm to 30mmx50mm and 12mm to 20mm thick panels			-	-	
a)	Ground Floor & 1st Floor		2,580.000	500.0	1,290,000	
iii)	partially glazed and partially panelled door with frame size of 20mmx30mm to 30mmx50mm, panel thickness of 12mm to 20mm and 5mm thick glass	sft		-	-	
c)	2nd Floor & Above		2,915.000	500.0	1,457,500	
5.4	Providing New wood work for double leaf/folding door panels (excluding frames) of under given types in first class Deodar wood as per design and specifications including approned termicide ,fixing in place and repair of adjoining surfaces complete in all respect.	sft		-	-	R.A 5.4
i)	Paneled door with panel frame size of 20mmx30mm to 30mmx50mm and 12 mm to 25mm thick panels.			-	-	
a)	Ground Floor & 1st Floor		2,802.000	500.0	1,401,000	
c)	2nd Floor & Above		3,165.350	183.8	581,633	

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
5.5	Providing New wood work for partially glazed type ventilators (excluding frames) in first class Deodar wood as per design and specifications including approved termicide, fixing in place and repair of adjoining surfaces complete in all respect.	sft		-	-	R.A 5.5
a)	Ground Floor & 1st Floor		939.000	267.5	251,183	
c)	2nd Floor & Above		1,061.000	500.0	530,500	
5.6	Providing new wooden frame of first class deodar wood as per design and specifications including approved termicide, fixing in place i/c cost of nuts, bolts, nails and hold fasts etc. and repair of adjoining surfaces complete in all respect	RFT		-	-	R.A 5.6
i)	Frame sizes ranging from 50mmx75mm to 75mmx125mm size for doors			-	-	
a)	Ground Floor & 1st Floor		1,898.000	500.0	949,000	
c)	2nd Floor & Above		2,144.000	500.0	1,072,000	
ii)	Frame sizes ranging from 75mm x 100 mm to 100mmx125mm size for doors			-	-	
a)	Ground Floor & 1st Floor		1,898.000	150.0	284,700	
c)	2nd Floor & Above		2,144.000	150.0	321,600	
5.7	Providing and Fixing Plane glass including cutting of glass for given design and size/match to existing without damaging existing/adjacent glass panes fixed with A class deodar wood beading of under given types for windows, doors, ventilators and fanlights.	sft		-	-	R.A 5.7
i)	Plane glass			-	-	
a)	Ground Floor & 1st Floor		847.000	2,000.0	1,694,000	
c)	2nd Floor & Above		958.000	2,000.0	1,916,000	
5.8	Providing and Fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes per cm2) fixed with ii) with springs or spring hinges. 38mmx75mm sized openable frame of "B" Class deodar wood for windows.	sft		-	-	Chapter no.12 Sr.no 13 a(ii)
a)	Ground Floor & 1st Floor		1,679.450	250.0	419,863	
c)	2nd Floor & Above		1,676.000	250.0	419,000	
5.9	Providing new wood work in katehras of under given types in "B" Class deodar wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect.	sft		-	-	R.A 5.9
i)	Panelled having a 38mm thick frame and 20mm thick panels.			-	-	
a)	Ground Floor & 1st Floor		3,808.230	540.0	2,056,444	
b)	2nd Floor & Above		4,303.300	1,000.0	4,303,300	

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
5.10	Providing and fixing of Wooden Shade roof using 50mmx50mm frame to support 13 mm thick wooden over lapping slits (using deodar wood first class) including 24 SWG GI corrugated sheet roofing and 24 SWG GI sheet flashing embeded at one end into masonry wall with lead wedge @ 300mm c/c i/c all nuts, bolts and glue nails etc. for fixing and making good facade surfaces as per the specifications and designs provided in drawings and as per the instructions of project manager.	sft		-	-	R.A 5.10
a)	Ground Floor & 1st Floor		3025	1,500.0	4,537,500	
b)	2nd Floor & Above		3418	420.0	1,435,560	
6. Structural Woodwork						
6.1	Providing New wooden Beam/Lintel of cheer wood as per design and specifications i/c application of approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect.	cft		-	-	RA 6.1
a)	Ground Floor & 1st Floor		3,404.870	100.0	340,487	
c)	2nd Floor & Above		3,518.780	128.8	453,043	
6.2	Providing and fixing of deodar wood "grade B" jharoka face with adjacent sides having bottom horizontal baseframe, supporting main frame pillars and transom of 75mmx75mm cross-section and top frame/vents in size 30mmx40mm to receive partially frosted 8mm thick glass supported by main pillars i/c katehra frame of size 50mmx50mm having spindles of 25mm dia i/c all nuts, bolts and glue nails etc. for fixing the jharoka to floor base and side walls all as per the design and specifications provided in drawing no. A-502 complete in all respects to the approval of Project Manager.	sft		-	-	R.A 6.2
a)	1st Floor		2,010.000	1,260.0	2,532,600	
	2nd Floor & Above		2,271.300	1,215.0	2,759,630	
6.3	Providing and fixing of floor for jharoka as described in item no. 6.2 above using 50 mm thick cheer wood board resting on supports paid for separately as per the design and specifications provided in drawings i/c all nuts, bolts and glue nails etc. for fixing and anchoring to the building structure and making good facade surfaces complete in all respects as per the instructions of project manager.	sft		-	-	R.A 6.3
a)	2nd Floor & Above		2,272.000	3,000.0	6,816,000	

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
6.4	Repairing of existing historic Wooden Jharoka of semi polygonal shape i/c repair of katehras, main pillars, ventilators, ornamental base and roofing elements, floorings etc to match the existing work as per site requirements i/c removal of existing finishes and application of three coats of double boiled linseed oil on wooden surfaces and enamel paint on metal surfaces, making good of adjacent surfaces complete in all respect as per the specifications and designs to the approval of the Project Manager. (basis of measurement shall be external surface area of jharoka)	sft		-	-	R.A 6.4
a)	2nd Floor & Above		2,272.000	1,000.0	2,272,000	
6.5	Providing historic Wooden Balcony i/c katehras , main pillars, ventilators, rafters and brackets and roofing elements, floorings etc and application of three coats of double boiled linseed oil on wooden surfaces and enamel paint on metal surfaces, making good of adjacent surfaces complete in all respect as per the specifications and designs to the approval of the Project Manager. (basis of measurement shall be external surface area of Balcony)	sft		-	-	R.A 6.5
a)	1st Floor		2,170.000	1,200.0	2,604,000	
b)	2nd Floor & Above		2,599.120	1,000.0	2,599,120	added 6%
6.6	Providing and fixing 1 1/2" (40mm) thick Solid flush door shutter (approved factor manufactured with commercial ply 5mm thick on both sides double pressed and deor wood liping 1.5"x3/8" (40 mm x 10 mm) around shutter including chromium plate fitting iron hinges with aluminum kick plate 22SWG on both sides & finger plate complete in all respect	sft	643.35	130.0	83,636	MRS CHAPTER 12 ITEM 50 i
7.0 Plain/Reinforced Concrete Works				-	-	
7.1	Providing mixing, placing, laying, compacting, finishing and curing reinforced cement concrete 1:2:4 for slabs/beams/lintels/shades i/c screening and washing of aggregate materials with nominal compressive strength of 3000 psi including cost of form work as per drawings and specifications complete in all respects as per the instructions of Project Manager.	cft		-	-	Ch# 6 Sr.6(a)(i) 3(c)type
a)	Ground Floor & 1st Floor		771.350	4,000.0	3,085,400	
c)	2nd Floor & Above		817.6	875.0	715,427	Added 6% Sr.6(a)(i)

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
7.2	Providing and fixing in position Deformed Reinforcement bars 60,000 psi yield strength including cost of cleaning, straightening, cutting, bending, binding, wastage, all overlaps whether shown on drawing or not, M.S. Chairs and tying with annealed wire 16 SWG (binding wire) placing in position of cement concrete precast gutti C:S (1:3) in all kinds of RCC works complete in all respect.	Kg		-	-	MRS chapter no.6 Sr.12(c)
a)	Ground Floor & 1st Floor		358.7	1,500.0	538,060	
c)	2nd Floor & Above		380.2	450.0	171,103	added 6%.6 Sr.9(c)
8.0 Painting & Decorative Works						
8.1	Applying three coats of approved quality and shade external paint finish (weather shield) on old and new plastered surfaces including cleaning and preparing surfaces protecting surfaces complete in all respect and up-to the entire satisfaction of project Manager.	sft		-	-	Ch. no.13 Sr.33 a (i+ii)
a)	Ground Floor & 1st Floor		74.2	30,000.0	2,226,780	
c)	2nd Floor & Above		78.7	10,000.0	786,796	Added 6% for 2nd & above floor
8.2	Applying three coats Enamel paint of approved quality and shade on wooden and metal old and new surfaces including cleaning, preparing and protecting surfaces etc complete in all respects and upto the entire satisfaction of project Manager.	sft		-	-	MRS chapter no.13 Sr.32 a (i+ii+iii)
a)	Ground Floor & 1st Floor		30.0	9,000.0	270,329	
c)	2nd Floor & Above		31.8	5,000.0	159,193	Added 6% for 2nd & above floor
8.3	Applying three coats of kankar lime wash over plastered surfaces using fine kankar lime powder mixed with white lime, water and approved adhesive including cleaning, preparing and protecting surfaces etc complete in all respects in accordance with the instructions of Project Manager.	sft		-	-	RA 8.3
a)	Ground Floor & 1st Floor		28.0	8,000.0	224,000	
c)	2nd Floor & Above		31.5	8,500.0	267,750	
8.4	Applying minimum three coats of double boiled linseed oil mix with Kerosine/ Tarpentine oil in approved ratio on new wooden surface including cleaning and preparing and protecting surfaces etc. complete in all respects as per instruction of project Manager.	sft		-	-	MRS chapter no.13 Sr.1(b)
a)	Ground Floor & 1st Floor		4.0	10,000.0	39,765	
c)	2nd Floor & Above		4.2	5,750.0	24,237	Added 6% for 2nd & above floor

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
8.5	Providing new wood work for wooden deck of size under given types in "B" Class deodar wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect including all hardwares.	sft	3,401.2	900.0	3,061,053	R.A 8.5
8.6	Providing new wood work in wooden awning suport with wooden Frame (6'x3x.25"x.25'),supported with steel brackets, including horizontal jhalar of size under given types in "B" Class deodar wood also including 24 SWG GI corrugated sheet roofing and 24 SWG GI sheet flashing embeded at one end into masonry wall with lead wedge @ 300mm c/c i/c all nuts, bolts and glue nails etc. for fixing and making good facade surfaces as per the specifications and designs provided in drawings and as per the instructions of project manager and repair of adjoining surfaces complete in all respect including all hardwares	sft	2,820.8	1,640.0	4,626,096	RA.8.6
9.0 Steel Works				-	-	
9.1	Providing and fixing 24 SWG G.I. sheet rolling shutter , consisting of steel frame of M.S. channel 2"x1¼"x1/8" (50 x30x3 mm), angle iron 1½" x 1½" x1/8" (40x40x3 mm), M.S. plate 1' x 1' x1/8" (300x300x3 mm), G.I. pipe 1½" (37 mm) dia, springs 2' (600 mm) centre to centre, rollers, 24 SWG G.I. covering 1 ft. x 1 ft. (300x300 mm), handles, holdfast, and painting three coats, complete in all respects as per instructions of Project Manager.	sft		-	-	Ch. no.25 Sr.37
a)	Ground Floor		735.9	10,000.0	7,358,500	
9.2	Providing and fixing terrace railing of 2" (50 mm) i/d conduit pipe 16 SWG, welded with 5/8"x5/8" (16 x16 mm) square bar 2.75 ft. (838 mm) high fixed at 5" (125 mm) centre to centre, in reinforced cement concrete slab with suitable arrangement, complete in all respects, as per the instructions of Project Manager.	Rf		-	-	Ch. no.25 Sr.35
b)	1st Floor & 2nd Floor & Above		1,878.6	1,000.0	1,878,550	
9.3	Making and fixing steel grated doors , complete with locking arrangement, angle iron frame 2" x 2" x 3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, including painting three coats complete in all respects.	sft		-	-	Ch. no.25 Sr.30
a)	Ground Floor & 1st Floor		2,266.3	275.0	623,233	
9.4	Providing and fixing ornamental Steel Bracket complete in all repects as per drawings and specifications and as per the instructions of Project Manager.	Each		-	-	L.S
a)	Ground Floor & 1st Floor		5,000.0	115.0	575,000	

A: Facade Rehabilitation (PACKAGE 3)						
ENGINEER'S COST ESTIMATE				MRS 1st BI-ANNUAL 2025		
Sr.#	Item Description	Unit	Rates	QTY	Amount	Reference
9.5	Providing and Fixing awning MS pipe 18swg 2" dia. MS chanal / patti 2 # GI sheet 18swg welding with paint complete in all respects as per given in drawings			-	-	RA 9.5
a)	Ground Floor	RFT	23,093.0	50.0	1,154,650	
9.6	Providing steel folding steps	sft	1,547.0	2,625.0	4,060,875	RA9.6
9.7	Providing and Fixing awning MS pipe 18swg 2" dia. MS chanal / patti 2 # spacial imported tensile fabric welding with paint complete in all respects as per given in drawings.	Rf	4,625.9	5,000.0	23,129,500	RA9.7
10.0 Misc.				-	-	
10.1	Providing and erection at site of work Sign post of M.S. plate 1/8" thick (3 mm) Warning/ Direction/ Informatory as per drawing and instruction of site Engineer	each	12,690.5	50.0	634,523	ch. no.18 Sr.no 19 (iv (b
10.2	(Providing, fixing storm water from roof to street, testing and commissioning of u-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended ,L - Joints conforming to BS 4514 / BS 5255 EN-1329 including the cost of specials and Solvents complete in all respects, as per specifications and / or as approved and directed by the Site Incharge. Type (SDR 32.5/SN-8)4"(110 mm)	Rf	267.2	6,250.0	1,670,000	Ch. No19sr, 47(b(v)
10.3	providing & fixing of shop names on shutter street names etcc) Painting and lettering Sign posts:-ii) two coats	Each	770.1	1,000.0	770,100	Ch. No13sr, 22(C II
SUB TOTAL					170,444,153	
IN MILLION					170.44	

INFRASTRUCTURE IMPROVEMENT AND FACAD REHABILITATION OF SPICE MARKET , WALLED CITY, LAHORE"						
INFRASTRUCTURE IMPROVEMENT (PACKAGE 3)						
sr.no	Description	Unit	Qty	Rate	Amount (PKR)	Ref.2nd bi annual 2024
1	Dismantling and removing road metalling	cft	4687.5	30.09	141046.875	MRS chapter no,4 sr no.45
2	Dismantling cement concrete (P.C.C.) 1:3:6 with care protecting adjoining structures site area as per the instructions of site incharge.	cft	9660	135.432	1308273.12	MRS chapter no,4 sr no.19 B
3	Dismantling cement concrete (P.C.C.) 1:2:4 with care protecting adjoining structures site area as per the instructions of site incharge.	cft	20000	165.528	3310560	MRS chapter no,4 sr no.19 c
4	Dismantling of existing brickwork with its surface finishes with care, protecting adjacent surfaces from damage from site to an approved dumping area as per the instructions of site incharge .	cft	1000	63.96	63960	MRS chapter no,4 sr no.13
5	Earthwork excavation in open cutting 5.01 ft. (1.5 m) to 10.0 ft. (3.0 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 100 ft. (30 m) lead:-iv) gravel & shingle	cft	80000	30.69	2455200	MRS chapter no,3 sr no.7iv
6	Pucca brick work 230mm thick i/c toothing with existing brickwork, preparing surfaces, curing, protecting the existing brickwork, with first class burnt bricks of Size 230mmx115mmx75mm (9"x4.5"x3") using 1:4 cement: sand mortar complete in all respect as per the instructions of site incharge.	cft	2000	422.84	845680	MRS chapter no,7 sr no.4i
7	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS 4514 / BS 5255 EN-1329 including the cost of specials and Solvents complete in all respects as per drawings & specifications and / or	Rft	5000	267.15	1335750	MRS chapter no,19 sr no.47 (v
8	Providing, laying, jointing and testing of prefabricated PP manhole chambers for sewerage and storm lines as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement.					
9	For 150 mm (6") Sewer Line	nos.	180	85043.4	15307812	RA1
10	Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta colour) with push-fit type joints (Z-joints), i/c rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc, as per site requirements according to design and drawings and to the entire satisfaction of the site incharge, complete in respects. 300 mm (12") Sewer and storm Line.	Rft	9000	3545	31905000	RA1i
11	Providing and laying R.C.C manhole cover and female part with MS angle iron frame size of 350mm for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.					
12	for Sewer and storm Lines	nos.	175	9181.42	1606748.5	RA2

13	Providing and fixing sewer connection with push-fit type joints (Z-joints)with upvc chamber required horizontal 110 mm (4") pipe and 150 mmx110mm (6"x4") reducer i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.	nos.	250	10032.7	2508175	RA3
14	Providing and laying approved quality Ravi sand for backfilling after laying, jointing and testing of services including leveling, watering and compaction up to 95% to maximum modified AASHTO dry density, complete in all respects as per the instructions of site incharge.	cft	14000	80.3	1124200	RA4
15	Providing mixing, placing, compacting, laying, finishing and curing plain cement concrete (PCC) 1:3:6 (Using Sargodha Crush and Lawrencepur & Chanab Sand 50/50) i/c screening and washing of aggregates materials as per drawings and specifications complete in all respects as per the instructions of site incharge.	cft	6200	433.29	2686398	MRS chapter no,6sr no.5 (h
16	Cement concrete plain Ratio 1: 4: 8 including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate):	cft	18900	382.242	7224373.8	MRS chapter no,6sr no.5 (l
17	Brick on edge flooring, laid in 1:6 cement mortar, over a bed of ¾" (20 mm) thick cement mortar 1:6.	sft	5000	187.5215	937607.5	MRS chapter no,6sr no.5 (l
18	Providing and laying concrete tile 8" x 2.5" x 1.5" full body colored as approved.including cutting of tiles for fixing in patterns(around the Manhole cover etc) as shown on drawing complete in all respects including cement,sand cussion.(for stablization)	sft	30000	499.48	14984400	RA5

19	Disposal of debries from site, lead upto 10Km. Complete in all respects.	cft	110000	12.62	1388200	MRS chapter no,1sr no.1
20	Providing, laying, cutting, jointing, testing and disinfecting Asbestos Cement / Fibre Cement pipe line in trenches, withcomet joint and rubber ring, complete in all respects:-k) 24" i/d (600 mm)	ft	2000	8857.9	17715800	MRS chapter no,23sr no.25,2k
21	Providing and laying R.C.C. pipe sewers, moulded with ditto cement concrete 4000 psi conforming to ASTM Specification C-76-20, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches to	Rft	495	2153.55	1066007.25	MRS chapter no,21sr no.3 v
22	Extra for making and finishing benching floor work in manhole chamber, with 1/8" (3 mm) thick cement finish	sft	2500	41.872	104680	MRS chapter no,21sr no.9
23	Providing and fixing, 6" (150 mm) thick R.C.C. manhole cover with 3"x3"x¼" (75x75x6mm) angle iron frame, 22"(550 mm) i/d as per standard drawing STD/PD No. 7 of	per set	200	12068	2413600	MRS chapter no,21sr no.18
24	Pacca brick work in foundation and plinth in (for manholes):-i) Cement, sand mortar:-Ratio 1:4	cft	3300	422.84	1395378.6	MRS chapter no,7sr no.4i
25	Supply and fitting of cast iron manhole cover square / circular with frame, etc.iii) 60 cm (24") complete	each	80	5594.15	447532	MRS chapter no,19sr no.40iii
26	Providing, laying, cutting, jointing by fusion welding at site, testing and disinfecting of HDPE pipe conforming to ISO 4427-2:2007 (E) PE 100 PN 10,SDR- 17 including cost of specials, as per design, drawings and specifications complete in all respects. 90 mm HDPE pipe line.	Rft	7000	338.95	2372650	MRS chapter no,23sr no.42 (c) (7)
27	Providing and installing house connection, including HDPE saddle, female threaded elbow with compression fitting, HDPE male threaded adopter 25 mm OD, 90° HDPE bend/elbow with double compression fitting, 25mm OD HDPE Pipe, 19 mm ID G.I Pipe confirming to BSS 1387- (medium weight), G.I sockets, GI Tees, GI barrel nipples, GI elbows, gun metal gate valve, steel fixing hooks, as per given drawings, designs and specifications complete in all respects. From 90 mm HDPE pipe line.	nos.	125	4372.5	546562.5	MRS chapter no.23,sr no.41(i)
28	Providing, laying, cutting, jointing by fusion welding at site, testing and disinfecting of HDPE pipe conforming to ISO 4427-2:2007 (E) PE 100 PN 10, SDR 11, including cost of specials, fusion welding, as per drawings and specifications complete in all respects. (25mm dia)	Rft	1125	40.25	45281.25	MRS chapter no,23sr no.42 (c) (1)
29	Providing, laying, jointing and testing of fabricated uPVC storm water collection chambers 300mm dia welded with uPVC pipe with 50mm silt traps, 100mm outlet and connecting with uPVC pipe drain as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement and as per the instructions of site incharge.	nos.	151	34753.5	5247778.5	RA6
30	Providing and fixing Gibault joint for existing water supply line as per drawings and specifications complete in all respects as instructions of site incharge	nos.	150	7451.1	1117665	RA7
31	Providing and fixing sewer connection with push-fit type joints (Z-joints)with upvc main sewer pipe with 150 mmx110mm (6"x4") yee, required horizontal 110 mm (4") dia pipe i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.	nos.	150	13332.7	1999905	RA8

32	Providing and fixing Temporary connections of water supply and sewer also during dismantling and excavation repairing work Gas, water supply, and sewer connections complete in all respects as per instructions of site incharge	nos.	200	6502.85	1300570	RA9
33	Providing and laying R.C.C Grating 300 mm dia covers for storm drains i/c RCC ring around the upvc chamber for resting as per approved design and drawings matching with the street surfacing, complete in all respects.	nos.	200	3155.15	631030	RA10
34	Providing and fixing sluice valve of B.S.S. quality and Labour rates include cost of jointing weight, Class 'B', for cast iron pipe line, and Asbestos material and labour. cement pipe line (including cost of jointing material): 4" i/d (100 mm)	Each	15	22906.6	343599	MRS chapter no,23sr no.30B
35	Supply, installation, testing, and commissioning of Garden/fire Hydrants made by Haseen Habib / Teepeu Engineering or approved equivalent manufacturer, according to B.S.S. 750 standard double delivery type having 4" dia barrel with 2 Nos. 2-1/2" valve including the cost of jointing material with all fittings and accessories complete in all respect as approved by the Engineer Incharge	Each	12	68766.6	825199.2	MRS chapter no,23sr no.32
	Total				126706623.1	Pkr

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
01	Carriage :					
1.1	Dumping:					
Des.	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. From Main Road Collection point upto 10 kilometer lead.	cft	25000	10.48	262000	Ch1 item 1
	Total Debris to be Dump: Item 11					
02	Excavation / Cleaning :					
2.1	Excavation in foundation:					
Des.	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)	cft	2830	15.84	44827	Ch 3 item 21(1) ii
b)	in ordinary soil.					
2.3	Cleaning :					RA-1
Des.	Neat and clean the floor area from many years collected garbage dust/ mud / organic growth / till the original floor level and surplus material disposed of and undressed within more than 100 ft. lead, Dumped these material upto 10 kilometer lead :- complete in all respect and as per instruction of site engineer.	sft	1880	24.8	46558.2	
03	DISMANTLING (DEMOLITION)					
3.1	Brick Work Dismantling:	cft				Ch 4 item 13
Des.	Dismantling brick work in lime or cement mortar.					
a	Ground Floor & 1st Floor (GF+1F)		1869	63.96	119541	
3.2	Dismantling Concrete:	Cft				Ch 4 item 19 a
Des.	Dismantling cement concrete plain		2024.0	82.77	167526	
3.3	Dismantling Reinforced Concrete:	Cft				Ch 4 item 20
Des.	Dismantling cement concrete reinforced, separating reinforcement from concrete, cleaning and straightening the same.		602.0	270.86	163058	
3.4	Dismantling Roofing Tiles:	Sft				Ch 4 item 22 a
Des.	Dismantling 1st class tile roofing.		3364.0	22.57	75925.5	
3.6	Dismantling brick or flagged flooring :	Sft				Ch 4 item 29

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
Des.	Dismantling brick or flagged flooring without concrete foundation.		1689.75	12.79	21611.9	
3.7	Removing of door:	Each				Ch 4 item 32 a
Des.	Removing door with chowkat.		5.00	648.45	3242.3	
3.9	Removing of ventilators and wooden sunshade:	Each				Ch 4 item 33
Des.	Removing ventilators and wooden sunshade, etc.		6.00	265	1590.0	
3.10	Dismantling Wooden Beam	Each				Ch 4 item 34
Des.	Dismantling wooden beams upto 12' (3.65m) length.		2.00	470.25	940.5	
3.12	Wooden Roof Dismantling:	sft				RA-2
Des.	Dismantling & Removal of Roofing structure (other than concrete structures), roof finishes, sweet earth, wooden planks, if any, etc complete in all respect with great care without damaging plaster/ surface finishes in all respect as per the instructions of site incharge.		1212	58	70320	
04	Brick Work :					
4.1	Pacca brick work:					Ch 7 item 4 i
Des.	Pacca brick work in foundation and plinth in:- Ratio 1:4	cft	1330	422.8	562380	
4.2	Arch work extra labour					Ch 7 item 9
Des.	Extra labour for arch work in brick masonry, including labour for centring and decentring.	cft	918	30.69	28173	
4.3	Extra Labour for Cut & Dress Bricks:					Ch 7 item 15
Des.	Extra for dressing or chamfering bricks for:-					
a)	Special architectural bricks	Nos	250	63.72	15930	
b)	All other purposes	Nos	300	31.86	9558	
4.4	Perforatd Brick work	sft				Ch 7 item 19-ii
Des.	Perforated pacca brick walling half brick thick, in ground floors:- cement, sand mortar Ratio 1:4					
b	3rd Floor		260	52.17	13564	
4.6	Sand Filling:	Cft				Ch 10 item 3
Des.	Supplying and filling sand under floor; or plugging in wells.		2100	54.27	113967	
4.7	Pucca Brick Work (8" x 4" x 1") in Lime 1:3.:	cft				RA-3

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
Des.	Pucca brick work with New first class burnt brick tile of special Size 8"x 4" x 1" using 1:3 3:1 (3 fine kankar lime and 1 white lime creame) lime mortar complete in all respect as per the instructions of Site Incharge.		14586	1376	20070919	
4.8	Pucca Brick Work (9" x 4.5" x 3") in Lime 1:3	cft				RA-4
Des.	Pucca brick work with New first class burnt brick of standerd Size 9"x 4.5" x 3" using 1:3 white lime:kankar lime mortar complete in all respect as per the instructions of Site Incharge.		1000	668.04	668043	
4.10	Consolidation 9" x 4.5" x 3" for Poor Condition Wall Portion in Lime	cft				RA-6
Des.	Structure Consolidation of bulge wall portion / structural cracks and poor condition wall portion which is commonly use on old constructed historical buildings i/c toothing with existing brickwork, curing, protecting the existing brickwork, Above from plinth. following steps should be adopt for the whole item work.		468	855.09	400183	
i	Removing damage wall patches with temporary safety measures.					
ii	Rebuilt wall patches with match with standerd brick 9" x 4.5" x 3" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime).					
4.12	Underpinning 8" x 4" x 1" for Poor Condition Wall base / foundation in Lime	cft				RA-8
Des.	Structure Underpinning for strengthen a building base / foundation due to Settling Or Sinking and cracks i/c toothing with existing brickwork, curing, protecting the existing brickwork, Billow from plinth / in foundation. following steps should be adopt for the whole item work.		315	1419.27	447070	
i	Excavation for investigation to find damage portion and get access in position for repairing.					
ii	Removing damage wall patches with temporary safety measures.					
iii	Rebuilt wall patches with match with original brick tile 8" x 4" x 1" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime).					

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
4.13	Underpinning 9" x 4.5" x 3" for Poor Condition Wall base / foundation in Lime	cft				RA-9
Des.	Structure Underpinning for strengthen a building base / foundation due to Settling Or Sinking and cracks i/c toothing with existing brickwork, curing, protecting the existing brickwork, Billow from plinth / in foundation. following steps should be adopt for the whole item work.		607.5	861	522876	
i	Excavation for investigation to find damage portion and get access in position for repairing.					
ii	Removing damage wall patches with temporary safety measures.					
iii	Rebuilt wall patches with match with original brick 9" x 4.5" x 3" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime).					
4.14	Underpinning Old 9" x 4.5" x 3" for Poor Condition Wall base / foundation in Lime	cft				RA-10
Des.	Structure Underpinning for strengthen a building base / foundation due to Settling Or Sinking and cracks i/c toothing with existing brickwork, curing, protecting the existing brickwork, Billow from plinth / in foundation. following steps should be adopt for the whole item work.		37.5	712.04	26702	
i	Excavation for investigation to find damage portion and get access in position for repairing.					
ii	Removing damage wall patches with temporary safety measures.					
iii	Rebuilt wall patches with old burnt bricks (Provided by department of from dismantle brick work) match with original brick 9" x 4.5" x 3" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime) i /c Scraping of old bricks.					
4.16	Terracotta Jali:	sft				RA-12

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
Des.	Providing at any height at any floor nominal 2" (50 mm) thick, 8" x 16" and 8" x 8" terracotta jali special made tiles using lime mortar 1:2 ratio(1 part White lime, 2 part Kankar Lime) with adding surkhi for matching colour, finishing, curing, true to plumb, including grouting, finishing etc.as per design and size as original or shown in the drawings, complete in all respects or as per instructions of site incharge.		120	800.45	96053	
05	Roofing:					
5.1	R.C.C, Concrete:					Ch6 item 6 ai 3c
Des.	Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):-	cft	4075	771.35	3143251	
i)	(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:-					
ii)	(3) (c) Type C (nominal mix 1: 2: 4)					
5.2	R.C.C, Steel:					Ch 6 item 12 ii
Des.	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-	kg	12225	149.67	1829667	
i)	(c) Deformed bars (Grade-60)					
5.3	Roof Finishing	Sft				Ch9 item 1

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
Des.	First class tile roofing, consisting of 4" (100 mm) earth and 1" (25 mm) mud plaster with Gobri leeping over ½" (13 mm) thick cement plaster 1:6 with 34 lbs. per %Sft or 1.72 Kg/sq.m hot bitumen coating sand blinded, provided over 2 layers of tiles 12"x6" x1¼" (300x150x30 mm) laid in 1:6 cement mortar with ½" (13 mm) thick sand wicheed layer of 1:6 cement mortar, including 1:2 cement pointing underside of tiles, complete, including curing, etc.		1854	244.96	454150	
5.5	Khuras	Each				Ch9 item 15
Des.	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)		8	1214.65	9717	
5.6	Cast iron rain water downpipe	Rft				Ch9 item 20
Des.	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, etc:-					
i	4" dia (100 mm) cast iron down pipe		380	495.00	188100	
5.7	Cast iron rain water pipe head	Each				Ch9 item 21
Des.	Rain water down pipe cast iron head fixed in place including cost of clamp holdfast and painting.		11	1406.30	15469	
5.8	Cast iron rain water pipe Shoes	Each				Ch9 item 22
Des.	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.		11	702.65	7729	
5.9	Torch-on plain waterproofing bitumenous membrane	Sft				Ch 9 item 46 ii
Des.	Providing and applying torch-on plain waterproofing bitumenous membrane of specified thickness (made of Roof-Grip/ Euro Bit) duly lapped/connected by heating with Torch over ps-6 primer i/c preparation/ smoothen the surface complete in all respect as approved and directed by the Engineer Incharge 4 mm thick		2514	125.46	315406	
5.10	Coat of Padlow and Cement Slurry:	Sft				RA-14
Des.	Providing and Laying Floating Coat of Padlow and Cement Slurry for Water Proofing		2514	50.03	125763	
5.11	Chir Wooden Roof:	cft				RA-15

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
Des.	Providing and Laying of Wooden Roof (consisting of timber joists 4" x 6" @ 13" c.c. 9" Clear, wood planks 1.5" thick, anchoring of planks to joists & joists to wall complete in all respects using under given type wood and as per the instructions of site incharge.		1330	3360	4468800	
i)	Provide and laying Wall Plate of Wooden Rafter (i.e 6" x 4") at both side of walls.					
ii)	6" Overlap of Rafter includes on both side walls.					
5.12	Deodar Wooden Roof:	cft				RA-16
Des.	Providing and Laying of Wooden Roof (consisting of timber joists 4" x 6" @ 13" c.c. 9" Clear, wood planks 1.5" thick, anchoring of planks to joists & joists to wall complete in all respects using under given type wood and as per the instructions of site incharge.		1254	15777	19784922	
i)	Provide and laying Wall Plate of Wooden Rafter (i.e 6" x 4") at both side of walls.					
ii)	6" Overlap of Rafter includes on both side walls.					
5.13	Waterproofing of Roof					RA-17
Des.	Cleaning of the surface, repairing of cracks with polyurethane sealant, supply and apply two prime coat rock seal C-3 by paint brush and final coat of Burflex by paint brush complete in all respect as per instructions of site engineer.	sft	1364	115.20	157132.8	
06	Flooring:					
6.1	Brick Ballast:	Cft				Ch 6 item 2
Des.	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects		3030.0	126.39	382962	
6.2	P.C.C 1:4:8	Cft				Ch 6 item 5 i
Des.	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):		3030	382.24	1158187.2	
	i) Ratio 1: 4: 8					
6.3	Grouting	sft				Ch 10 item 8
Des.	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5		5864	38.4	225177.6	
6.4	Rubbing and polishing grit floor	sft				Ch 10 item 27

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
Des.	Rubbing and polishing grit floor, including repairing voids uneven surface, complete in all respects		5864	45.14	264701.0	
6.5	Tuff Pavers	sft				Ch 10 item 41
Des.	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect.		250	355.6	88900.0	
	60-mm thick					
6.6	Lime Terracing For Base avergae 2.5":	sft				RA-18
Des.	Lime terracing plain for floor or roof base surface, including placing compacting finishing and curing complete (including screening and washing of aggregate). with 1:2:4 (01 white lime : 02 Fine kankar lime : 04 Coarse kankar lime)		6344	300.25	1904754	
	Note:(2" to 3" according to slope requirment avergae 2.5")					
6.7	Brick Tiles Flat Floor 9" x 4.5" x 1-1/2" in Lime:	sft				RA-19
Des.	Providing and Laying Flat tile flooring size 9" x 4.5" x 1-1/2" in special design (Boarder all side and Herringbone Pattern), as per design and finally rubbing, grinding complete in all respects		900	215.24	193712	
i	Over a bed of 3/4" thick mortar lime mortar 1:3 (1 white lime, 3 fine kankar lime)and joints finished with putty and red oxide					
ii	As per design and finally rubbing, grinding complete in all respects					
6.8	Brick Tiles Floor on Edge 8" x 5" x 1-1/4" in Lime:	sft				RA-20
Des.	Providing and Laying Brick tiles flooring on edge size 8" x 5" x 1-1/4" in special design (Boarder all side and Herringbone Pattern), as per design and finally rubbing, grinding complete in all respects		1732	556.87	964499	
i	Over a bed of 3/4" thick mortar lime mortar 1:3 (1 white lime, 3 fine kankar lime)and joints finished with putty and red oxide					
ii	As per design and finally rubbing, grinding complete in all respects					

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
6.9	Brick Tiles Floor on Edge 9" x 4-1/2" x 1-1/2" in Lime:	sft				RA-21
Des.	Providing and Laying Brick tiles flooring on edge size 9"x 4-1/2" x1-1/2" in special design (Boarder all side and Herringbone Pattern), as per design and finally rubbing, grinding complete in all respects		100	363.88	36388	
i	Over a bed of 3/4" thick mortar lime mortar 1:3 (1 white lime, 3 fine kankar lime)and joints finished with putty and red oxide					
ii	As per design and finally rubbing, grinding complete in all respects					
6.10	Lime Floor Grouting:	sft				RA-22
Des.	Providing and laying Grouting of Lime 1:3 (1 White Lime : 3 Fine Kankar Lime) 1/4" thick. over and cavity fillings of tile floorings surface, including putting with small pieces of metal plate or strip placing curing complete in all respect as per instruction of site incharge.		5864	123.06	721624	
6.12	Red Sand Stone Floor in Lime New:	sft				RA-24
Des.	Providing and Laying Red sand stone floor, (as finished form purchased from Market) Over a bed of 1" thick mortar lime mortar 1:3:4 (1 white lime, 3 fine kankar lime: 4 Coarse Kankar Lime) and joints finished with putty and red oxide, As per design and finally rubbing, grinding complete in all respects with 1:2 lime mortar average 1" thick and joints filling with lime mortar.		200	3311	662138	
6.13	White Marble Floor in Lime New:	sft				RA-25
Des.	Providing and Laying White Marble floor 2" Thick in Octagonal and Square Design with 3/4" Black Linning, Over a bed of 1" thick mortar lime mortar 1:3:4 (1 white lime, 3 fine kankar lime: 4 Coarse Kankar Lime) and Laid with 1:3 (1 White Lime :3 Fine kankar Lime) Inculding rubbing, grinding and polishing etc. complete in all respects as per instruction of site incharge.		300	4003	1200848	
07	SURFACES / FINISHES:					
7.1	Cement Plaster:	sft				Ch 11 item 9b + 21

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
Des.	Cement plaster 1:4 including Raking and washing joints of brick masonry (old work).		700	56.84	39788	
7.2	Lime Plaster 3/4" Thick:	sft				RA-27
Des.	Cleaning and preparing brick surface including raking out joints and applying average 3/4" thick kankar lime plaster in layers with base layer 1/2" thick 1 : 3 (1 white lime : 3 Fine kankar lime) including 5% chopped jute fiber. 1/4" thick finishing layer with 1:3 with out jute over plaster base layer, including curing, protection of adjacent surfaces complete to the satisfaction of Site Incharge.		11228	229.80	2580141	
7.3	Lime Plaster 2" Thick:					RA-28
Des.	Providing and laying 2" thick an average kankar lime plaster in layers with base layer 1-1/2" thick 1:2:3/4 (1 fine kankar, 2 coarse kankar, 3/4 white lime) including jute 2 kg for 100 Sft and 1/2" thick finishing layer with 1:3 lime mortar and over plaster of liquied mixture of lime mortar inlcuding scaffolding, putty, curing etc complete in all respects	sft	11228	561.93	6309297	
7.4	Flush Pointing in Lime:	sft				RA-29
Des.	Cleaning and preparing of any sized bricks on building surface including raking out joints and applying kankar lime pointing flush with brick surface using white lime & kankar lime ratio 1:2, including curing, protection of adjacent surfaces complete to the satisfaction of site incharge.		2450	107.7	263755	
7.6	Stucco Tracery Work 3.5" Thick:	sft				RA-31
Des.	Restoring or Apply New stucco tracery work including plaster and panneling as per original colour and design 3" thick on avg base coat 1:2:3/4 (one fine kankar lime: 2 coarse kankar lime: ¾ white lime cream) strengthened with 3.5 kg chopped jute. 1/2" thick finishing layer with 1:3 (1 white lime : 3 Fine kankar lime) over plaster base layer, including curing, protection of adjacent surfaces complete to the satisfaction of Site Incharge. (Pucca Qali & Fresco not Included)		225	1629.4	366605	
7.7	Ghalib Kari Work 3" Thick:	sft				RA-32

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
Des.	Restoring or Apply New Ghalib Kari work 3" thick an average in geomatrical design on plaster base (1:3:4) (1 White Lime , 3 Fine Lime, 4 Kankar Lime) consisting of 2 1/2" thick base in two layers and 1/2" finishing layer of kankar lime plaster 1:3 (1 White Lime. 3 Fine kankar lime) mixed with chopped jute over plaster base layer, including curing, protection of adjacent surfaces making geomatrical designs as per original. complete to the satisfaction of Site Incharge. (Pucca Qali & Fresco not Included)		125	1786.9	223365	
7.9	Pucca Qalai :	sft				RA.33
Des.	Pucca Qalai, Glazed lime plaster for decorative patterns over ghalib qari and stucco tracery work (Local Name: Jila) layer used over the finished lime plaster surface which is an average 1/8" thick 1 part white lime cream and 2 part marble powder finished with suitable quantity of Sang-i-Jarahat (soap stone) powder in decorative work complete in all respects.		11228	384.9	4321664	
7.10	Fresco Painting (New Work):	sft				RA.34
Des.	Subsequent replication of Naqqashi / Fresco painting 100 % New as per original design and colour etc complete in all respects.		75	6645.0	498375	
7.11	Fresco Painting (Repair Work):	sft				RA.35
Des.	Restoration of faded Fresco painting (50% of New) as per original design and colour etc complete in all respects)		125	5184.0	648000	
7.12	Fresco Painting (Linning Work, New):	sft				RA.36
Des.	Subsequent replication of Naqqashi / Fresco Lining 100 % New (Linnig work consider 1/4 of 100% New Fresco Painiting) over ghalib qari and stucco tracery work as per original design and colour etc complete in all respects.		1600	1718.5	2749536	
08	Wood Works					
8.1	DeoDar Wood Door/Windows:	Sft				Ch 12 item 7.a

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
Des.	First class deodar wood wrought joinery in doors and windows, etc. panelled, or panelled or glazed, or fully glazed, fixed in position, including chowkat, holdfast, hinges, tower bolts, chocks, rubber stop, cleats/G.I. clamps, handles and chord with hooks, etc. complete (excluding sliding bolt or lock)					
a)	2" thick (50 mm)		2250	3771.95	8486888	
8.16	Wooden Katehra:	sft				RA-49
Des.	Providing new wood work in katehras including horizontal safety rail of size under given types wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect including all hardwares		12	3010.75	36129	
	Panelled having a 75mm x 38mm thick frame and 38mm thick panels.					
09	Painting / Surface Perservation:					
9.2	Weather Sheild:					Ch 13 item 33
Des.	Applying two coats of approved quality and shade external paint finish (weather shield) on old and new plastered surfaces including cleaning and preparing surfaces protecting surfaces complete in all respect and up-to the entire satisfaction of Site Incharge.	sft	650	74.22	48243	
9.5	Linsed Oil:					RA-52
Des.	Applying multiple coats of boiled linsed oil with pigment on wooden surfaces till wood can not absorbed more.		1500	79.69	119529	
i	Including cleaning, filling of cavities by chalk powder putine, Preparing and Protecting surfaces etc					
ii	Complete in all respects and upto the entire satisfaction of site incharge.					
9.6	Spirit Polish:					Ch 13 item 44
Des.	Preparing surface and Lacquar polish to reveal wooden grains by application of multiple coats of wood sealer , sand papering with different no of sandpapers and Lacquar to make glossy surface finish i/c the cost of cotton, thinner, wood sealer complete in all respects as approved and directed by the Engineer Incharge	sft	1233	285.10	351528	

RE CONSTRUCTION OF MISSING AKBARI GATE (PACKAGE 4) WALLED CITY, LAHORE"						
"Akbari Gate"						Ref.
Rough Cost Estimate					MRS 2025 1st Annual	
Sr#	Item & Description (Des.)	unit	Qty	Est. Rate	Amount	
11	Miscellaneous:					
11.1	Anti-Termite Spray:					
Des.	2 Times Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/ Ms Hextar or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect .as approved by the Engineer Incharge.	sft	10725	12.55	134599	Ch 26 item 44
11.2	Props:					
Des.	Providing and fixing of props.					
a	Whole Building	L/S	5	30000	150000	L/S
11.3	Scaffolding:					RA-54
Des.	Erection and Destruction (Opening) of scaffolding for smoth working at site, including carriage from store and after destruction stacking back in the store, Length & Width height should be as per requirment.	sft	8000	51.73	413820	
11.4	Signages:					
Des.	Providing and erection at site of work:	each	15	1377	20647.8	Ch 18 item 19 iv a
	Sign post of M.S. plate 1/8" thick (3 mm					
11.5	CCTV Cameras:					
Des.	Providing & Fixing 6 CCTV Cameras including cost of 55" smart LED, internet, cabels, DVR,hards with one month back up, etc. complete in all respects as per required & approved specifications as per instructions of site engineer.	L/S	1	500000	500000	L/s
	Total				90518468	

RATE ANALYSIS NO. 1										MRS
Title: Cleaning.										2025
Description :										1ST
Neat and clean the floor area from many years collected garbage dust/ mud / organic growth / till the original floor level and surplus material disposed of and undressed within more than 100 ft. lead, Dumped these material upto 10 kilometer lead :- complete in all respect and as per instruction of site engineer.										
Sr.No	Unit of Rate = 200 sft									
A	Labour	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
1	Sweeper	1.00				1.0	each	1425	1425.0	LB-012
2	Un-Skilled Cooly for lead of material from area to more than 100 feet	1.00				1.0	each	1425	1425.0	LB-015
	Total								2850.0	
	Sundries @10%								285.0	
	10% Contractor profit + 10% Overhead								570.0	
A	Grand Total								3705.0	
B	MRS Items									
1	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 16.1 aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (After Screening / Sieving consider 75% to be dumped).	1.00	20.00	10.00	0.50	100.00	cft	12.48	1248.0	Ch 1, 1
	Total B								1248.0	
	Grand Total (A+B)								4953.0	
	Rate per 1 Sft								24.77	

RATE ANALYSIS NO. 2										MRS
Title: Roof Dismantling.										2025
Description :										1ST
Dismantling & Removal of Roofing structure (other than concrete structures), roof finishes, sweet earth, wooden planks, if any, etc complete in all respect with great care without damaging plaster / surface finishes and Cleaning and Storage of Swat Earth for reuse in new wooden roofs as per the instructions of site incharge.										
Sr.No	Unit of Rate = 100 SFT									
A	Labour	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
1	Skilled Cooly for Sewat Earth dismantling and removing from roof place to outside the Building. excluding wooden planks and battens.	1				1	each	1850	1850	LB-024
1	Skilled Cooly for Cleaning and Storage of Swat Earth for reuse in new wooden roofs	1				1	each	1850	1850	LB-024
	Total								3700	
	Sundries @10%								370	
	10% Contractor profit + 10% Overhead								740	
A	Grand Total								4810	
B	MRS Items									
1	Dismantling roof of wooden planks and battens, from any height rate as per 100sft	1	10	10		100	sft	9.92	992	Ch 4, 24a
	Total B								992	
	Grand Total (A+B)								5802	
	Rate per 1 Sft								58	

RATE ANALYSIS NO. 3										MRS
Title: Pucca Brick Work (8" x 4" x 1") in Lime 1:3.										2025
Description :										1ST
Pucca brick work with New first class burnt brick tile of special Size 8"x 4" x 1" using 1:3 3:1 (3 fine kankar lime and 1 white lime creame) lime mortar complete in all respect as per the instructions of Site Incharge.										
Sr.No	Unit of Rate = 100 cft									
A	Materials	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
	Total volume					100	cft			
	50% Mortar					50	cft			
	Brick Volume					50	cft			
	Brick Tile 8" x 4" x 1"	1	0.67	0.33	0.08	0.02	cft			
	For 50 cft, required tiles					2700	nos			
	Wastage 10%					270	nos			
1	Total Bricks					2970	nos	18	53460	Mrk.Rate
	Total Lime Mortor Required for Masonry					50.0	cft			
	Dry Mortor (Constant 1.2)					60.0	cft			
	White and Kankar Lime 1:3 (Each Part)					15.0	cft			
2	White Lime Quantity (1 Part)					15.0	cft	1200	18000	Mrk.Rate
3	Fine Kankar Lime Quantity (3 Parts)					45.0	cft	640	28800	Mrk.Rate
	Total								100260	
	10% Contractor profit + 10% Overhead								20052	
	Grand Total								120312	
	Rate per cft								1203	
	Labour Rate per 1 Cum								42488	
B	Labour									
1	2 Conservation Masons for 2 days	4.0				4.00	each	1850	7400	B-040
2	1.5 Un-Skilled Coolies for 2 days	3.0				3.00	each	1425	4275	LB-015
3	Bahisti for 1 days	1.0				1.00	each	1425	1425	LB-017
	Total								13100	
	Sundries @10%								1310	
	Total with Sundries								14410	
	10% Contractor profit + 10% Overhead								2882	
B	Grand Total								17292	
	Labour Rate per 1 Cft						Cft		173	
	Labour Rate per 1 Cum						Cum		6107	
	Composite Rates									
	Per 1 Cft						Cft		1376	
	Per 1 Cum						Cum		48594	

RATE ANALYSIS NO. 4										MRS
Title: Pucca Brick Work (9" x 4.5" x 3") in Lime 1:3.										2025
Description :										1ST
Pucca brick work with New first class burnt brick of standerd Size 9"x 4.5" x 3" using 1:3 white lime:kankar lime mortar complete in all respect as per the instructions of Site Incharge.										
Sr.No	Unit of Rate = 100 cft									
A	Materials	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
	Total volume					100	cft			
	20% Mortar					20	cft			
	Brcik Volume					80	cft			
	Brick 9" x 4.5" x 3"	1	0.75	0.38	0.25	0.1	cft			
	For 80 cft, required bricks					1137.8	nos			
	Wastage 10%					113.8	nos			
1	Total Bricks					1251.6	nos	13	16270	07.001
	Total Lime Mortor Required for Masonry					20.0	cft			
	Dry Mortor (Constant 1.2)					24.0	cft			
	White and Kankar Lime 1:3 (Each Part)					6.0	cft			
2	White Lime Quantity (1 Part)					6.0	cft	1200	7200	Mrk.Rate
3	Fine Kankar Lime Quantity (3 Parts)					18.0	cft	640	11520	Mrk.Rate
	Total								34990	
	10% Contractor profit + 10%Overhead								6998	
	Grand Total								41988	
	Rate per cft								420	
	Labour Rate per 1 Cum								14828	
B	Labour									
1	2 Masons for 2 days	4.00				4.00	each	1850.0	7400	LB-040
2	3 Un-Skilled Coolies for 2 days	6.00				6.00	each	1425.0	8550	LB-015
3	Bahisti for 2 days	2.00				2.00	each	1425.0	2850	LB-017
	Total								18800	
	Sundries @10%								1880	
	Total with Sundries								20680	
	10% Contractor profit + 10% Overhead								4136	
B	Grand Total								24816	
	Labour Rate per 1 Cft						Cft		248	
	Labour Rate per 1 Cum						Cum		8764	
	Composite Rates									
	Per 1 Cft						Cft		668	
	Per 1 Cum						Cum		23592	

RATE ANALYSIS NO.5										MRS
Title: Consolidation 8" x 4" x 1" for Poor Condition Wall Portion in Lime										MRS 2025 1ST
Description										
	Structure Consolidation of bulge wall portion / structural cracks and poor condition wall portion which is commonly use on old constructed historical buildings i/c toothing with existing brickwork, curing, protecting the existing brickwork, Above from plinth. following steps should be adopt for the whole item work.									
i	Removing damage wall patches with temporary safety measures.									
ii	Rebuilt wall patches with match with original brick tile 8" x 4" x 1" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime).									
	Note: Consolidated and Finalize Area should be measured for payment in cft.									
Sr.No	Unit of Rate = 100 cft									
A	Materials	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
	Total volume					100	cft			
	50% Mortar					50	cft			
	Brcik Volume					50	cft			
	Brick Tile 8" x 4" x 1-1/4"	1	0.67	0.33	0.08	0.02	cft			
	For 50 cft, required tiles					2700	nos			
	Wastage 10%					270	nos			
1	Total Brick Tiles					2970	nos	18	53460	Mrk.Rate
	Total Lime Mortor Required for Masonry					50.00	cft			
	Dry Mortor (Constant 1.2)					60.00	cft			
	White and Kankar Lime 1:3 (Each Part)					15.00	cft			
2	White Lime Quantity (1 Part)					15.00	cft	1200	18000	Mrk.Rate
3	Fine Kankar Lime Quantity (3 Parts)					45.00	cft	640	28800	Mrk.Rate
	Total								100260	
	10% Contractor profit + 10%Overhead								20052	
	Grand Total								120312	
	Rate per cft								1203	
	Labour Rate per 1 Cum								42488	
B	Labour									
1	Skilled Cooly for dismantling	1.0				1.00	each	1650	1650	CLB-001
2	Un-Skilled Cooly for stacking of Bricks	1.0				1.00	each	1260	1260	LB-015
3	1.5 Conservation Conservation Masons for 2 days , to Rebuilt	3.0				3.00	each	1650	4950	CLB-003
4	1.5 Un-Skilled Coolies for 2 days	3.0				3.00	each	1260	3780	LB-015
5	0.5 Bahisti for 2 days	1.0				1.00	each	1275	1275	LB-017
	Total								12915	
	Sundries @10%								1292	
	Total with Sundries								14207	
	10% Contractor profit + 10%Overhead								2841	
B	Grand Total								17048	
	Labour Rate per 1 Cft						Cft		170	
	Labour Rate per 1 Cum						Cum		6020	
	Composite Rates									
	Per 1 Cft						Cft		1374	
	Per 1 Cum						Cum		48508	

RATE ANALYSIS NO. 6										MRS
Title: Consolidation 9" x 4.5" x 3" for Poor Condition Wall Portion in Lime										MRS 2025 1ST
Description										
	Structure Consolidation of bulge wall portion / structural cracks and poor condition wall portion which is commonly use on old constructed historical buildings i/c toothing with existing brickwork, curing, protecting the existing brickwork, Above from plinth. following steps should be adopt for the whole item work.									
i	Removing demage wall patches with temporary safety measures.									
ii	Rebuilt wall patches with match with standerd brick 9" x 4.5" x 3" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime).									
	Note: Consolidated and Finalize Area should be measured for payment in cft.									
Sr.No	Unit of Rate = 100 cft									
A	Materials	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
	Total volume					100	cft			
	40% Mortar					40	cft			
	Brcik Volume					60	cft			
	Brick 9" x 4.5" x 3"	1	0.8	0.4	0.3	0.07	cft			
	For 80 cft, required bricks					853	nos			
	Wastage 10%					85	nos			
1	Total Bricks					939	nos	13	12203	07.001
	Total Lime Mortor Required for Masonry					40	cft			
	Dry Mortor (Constant 1.2)					48	cft			
	White and Kankar Lime 1:3 (Each Part)					12	cft			
2	White Lime Quantity (1 Part)					12	cft	1200	14400	Mrk.Rate
3	Fine Kankar Lime Quantity (3 Parts)					36	cft	640	23040	Mrk.Rate
	Total								49643	
	10% Contractor profit + 10%Overhead								9929	
	Grand Total								59571	
	Rate per cft								596	
	Labour Rate per 1 Cum								21037	
B	Labour									
1	Skilled Cooly for dismantling	2.00				2.00	each	1850	3700	LB-040
2	Un-Skilled Cooly for stacking of Bricks	2.00				2.00	each	1425	2850	LB-015
3	1.5 Masons for 2 days	4.00				4.00	each	1850	7400	LB-040
4	1.5 Un-Skilled Coolies for 2 days	3.00				3.00	each	1425	4275	LB-015
5	0.5 Bahisti for 2 days	1.00				1.00	each	1425	1425	LB-017
	Total								19650	
	Sundries @10%								1965	
	Total with Sundries								21615	
	10% Contractor profit + 10%Overhead								4323	
B	Grand Total								25938	
	Labour Rate per 1 Cft						Cft		259	
	Labour Rate per 1 Cum						Cum		9160	
	Composite Rates									
	Per 1 Cft						Cft		855	
	Per 1 Cum						Cum		30197	

RATE ANALYSIS NO. 7										MRS
Title: Consolidation 9" x 4.5" x 3" for Poor Condition Wall Portion in Lime										MRS 2025 1ST
Description										
	Structure Consolidation of bulge wall portion / structural cracks and poor condition wall portion which is commonly use on old constructed historical buildings i/c toothing with existing brickwork, curing, protecting the existing brickwork, Above from plinth. following steps should be adopt for the whole item work.									
i	Removing damage wall patches with temporary safety measures.									
ii	Rebuilt wall patches with old burnt bricks (Provided by Department or from dismantle brick work) match with standerd brick 9" x 4.5" x 3" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime).									
	Note: Consolidated and Finalize Area should be measured for payment in cft.									
Sr.No	Unit of Rate = 100 cft									
A	Materials	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
	Total volume					100	cft			
	40% Mortar					40	cft			
	Brcik Volume					60	cft			
	Brick 9" x 4.5" x 3"	1	0.75	0.38	0.25	0.1	cft			
	For 60 cft, required bricks					853.3	nos			
	Wastage 10%					85.3	nos			
	Total Bricks					938.7	nos			
	Total Lime Mortor Required for Masonry					40.00	cft			
	Dry Mortor (Constant 1.2)					48.00	cft			
	White and Kankar Lime 1:3 (Each Part)					12.00	cft			
1	White Lime Quantity (1 Part)					12.00	cft	1200	14400	Mrk.Rate
2	Fine Kankar Lime Quantity (3 Parts)					36.00	cft	640	23040	Mrk.Rate
	Total								37440	
	10% Contractor profit + 10%Overhead								7488	
	Total								44928	
	Rate per cft								449	
	Labour Rate per 1 Cum								15866	
B	Labour									
1	Skilled Cooly for dismantling	2.00				2.0	each	1825	3650	LB-040
2	Un-Skilled Cooly for stacking of Bricks	1.00				1.0	each	1425	1425	LB-015
3	1.5 Masons for 2 days	3.00				3.0	each	1850	5550	LB-040

4	1.5 Un-Skilled Coolies for 2 days	3.00				3.0	each	1425	4275	LB-015
5	0.5 Bahisti for 1 day	1.00				1.0	each	1425	1425	LB-017
	Total								16325	
	Sundries @ 10%								1633	
	Total with Sundries								17958	
	10% Contractor profit + 10% Overhead								3592	
	MRS ITEMS									
6	Scraping bricks dismantled from pacca masonry.					939	Nos.	4.97	4661	Ch 07 item 29
B	Grand Total								26210	
	Labour Rate per 1 Cft						Cft		262	
	Labour Rate per 1 Cum						Cum		9256	
	Composite Rates									
	Per 1 Cft						Cft		711	
	Per 1 Cum						Cum		25122	

RATE ANALYSIS NO.8										MRS
Title: Underpinning 8" x 4" x 1" for Poor Condition Wall base / foundation in Lime										MRS 2025 1ST
Description										
	Structure Underpinning for strengthen a building base / foundation due to Settling Or Sinking and cracks i/c toothing with existing brickwork, curing, protecting the existing brickwork, Billow from plinth / in foundation . following steps should be adopt for the whole item work.									
i	Excavation for investigation to find damage portion and get access in position for repairing.									
ii	Removing damage wall patches with temporary safety measures.									
iii	Rebuilt wall patches with match with original brick tile 8" x 4" x 1" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime).									
	Note: Structure Underpining and Finalize Area should be measured for payment in									
Sr.No	Unit of Rate = 100 cft									
A	Materials	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
	Total volume					100	cft			
	50% Mortar					50	cft			
	Brcik Volume					50	cft			
	Brick Tile 8" x 4" x 1-1/4"	1	0.67	0.33	0.08	0.02	cft			
	For 50 cft, required tiles					2700	nos			
	Wastage 10%					270	nos			
1	Total Brick Tiles					2970	nos	18	53460	Mrk.Rate
	Total Lime Mortor Required for Masonry					50.0	cft			
	Dry Mortor (Constant 1.2)					60.0	cft			
	White and Kankar Lime 1:3 (Each Part)					15.0	cft			
2	White Lime Quantity (1 Part)					15.0	cft	1200	18000	Mrk.Rate
3	Fine Kankar Lime Quantity (3 Parts)					45.0	cft	640	28800	Mrk.Rate
	Total								100260	
	10% Contractor profit + 10%Overhead								20052	
	Grand Total								120312	
	MRS ITEMS									
	Rate per cft								1203	
	Labour Rate per 1 Cum								42488	
B	Labour									
1	Skilled Cooly for digging & Dismantling	2.00				2.00	each	1850	3700	LB-024
2	Un-Skilled Cooly for stacking of material	1.00				1.00	each	1425	1425	LB-015
3	1.5 Conservation Masons for 2 days , to Rebuilt	3.00				3.00	each	1850	5550	LB-040
4	1.5 Un-Skilled Coolies for 2 days	3.00				3.00	each	1425	4275	LB-015
5	0.5 Bahisti for 2 days	1.00				1.00	each	1425	1425	LB-017

	Total								16375	
	Sundries @10%								1638	
	Total with Sundries								18013	
	10% Contractor profit + 10% Overhead								3603	
B	Grand Total								21615	
	Labour Rate per 1 Cft						Cft		216	
	Labour Rate per 1 Cum						Cum		7633	
	Composite Rates									
	Per 1 Cft						Cft		1419	
	Per 1 Cum						Cum		50121	

RATE ANALYSIS NO. 9										MRS
Title: Underpinning 9" x 4.5" x 3" for Poor Condition Wall base / foundation in Lime										MRS 2025 1ST
Description										
	Structure Underpinning for strengthen a building base / foundation due to Settling Or Sinking and cracks i/c toothing with existing brickwork, curing, protecting the existing brickwork, Billow from plinth / in foundation. following steps should be adopt for the whole item work.									
i	Excavation for investigation to find damage portion and get access in position for repairing.									
ii	Removing damage wall patches with temporary safety measures.									
iii	Rebuilt wall patches with match with original brick 9" x 4.5" x 3" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime).									
	Note: Structure Underpining and Finalize Area should be measured for payment in cft.									
Sr.No	Unit of Rate = 100 cft									
A	Materials	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
	Total volume					100	cft			
	40% Mortar					40	cft			
	Brick Volume					60	cft			
	Brick 9" x 4.5" x 3"	1	0.8	0.4	0.3	0.1	cft			
	For 80 cft, required bricks					853	nos			
	Wastage 10%					85	nos			
1	Total Bricks					939	nos	13	12203	07.001
	Total Lime Mortor Required for Masonry					40	cft			
	Dry Mortor (Constant 1.2)					48	cft			
	White and Kankar Lime 1:3 (Each Part)					12	cft			
2	White Lime Quantity (1 Part)					12	cft	1200	14400	Mrk.Rate
3	Fine Kankar Lime Quantity (3 Parts)					36	cft	640	23040	Mrk.Rate
	Total								49643	
	10% Contractor profit + 10%Overhead								9929	
	Grand Total								59571	
	Rate per cft								596	
	Labour Rate per 1 Cum								21037	
B	Labour									
1	Skilled Cooly for digging & Dismantling	3.0				3	each	1850	5550	LB-024
2	Un-Skilled Cooly for stacking of Bricks	1.0				1	each	1425	1425	LB-015
3	2 Masons for 2 days	4.0				4	each	1850	7400	LB-040
4	1.5 Un-Skilled Coolies for 2 days	3.0				3	each	1425	4275	LB-015
5	0.5 Bahisti for 1 days	1.0				1	each	1425	1425	LB-017
	Total								20075	
	Sundries @10%								2008	
	Total with Sundries								22083	
	10% Contractor profit + 10%Overhead								4417	
B	Grand Total								26499	
	Labour Rate per 1 Cft						Cft		265	
	Labour Rate per 1 Cum						Cum		9358	
	Composite Rates									

	Per 1 Cft						Cft		861	
	Per 1 Cum						Cum		30395	

RATE ANALYSIS NO. -10										MRS
Title: Underpinning Old 9" x 4.5" x 3" for Poor Condition Wall base / foundation										MRS 2025 1ST
Description										
	Structure Underpinning for strengthen a building base / foundation due to Settling Or Sinking and cracks i/c toothing with existing brickwork, curing, protecting the existing brickwork, Billow from plinth / in foundation.									
i	Excavation for investigation to find damage portion and get access in position									
ii	Removing damage wall patches with temporary safety measures.									
iii	Rebuilt wall patches with old burnt bricks (Provided by department of from dismantle brick work) match with original brick 9" x 4.5" x 3" in Lime Mortar 1:3 (1 Part White Slaked Lime : 3 Parts Kankar Lime) i /c Scraping of old bricks.									
	Note: Structure Underpining and Finalize Area should be measured for									
Sr.No	Unit of Rate = 100 cft									
A	Materials	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
	Total volume					100	cft			
	40% Mortar					40	cft			
	Brcik Volume					60	cft			
	Brick 9" x 4.5" x 3"	1	0.75	0.38	0.25	0.07	cft			
	For 60 cft, required bricks					853	nos			
	Wastage 10%					85	nos			
	Total Bricks					939	nos			
	Total Lime Mortor Required for Masonry					40	cft			
	Dry Mortor (Constant 1.2)					48	cft			
	White and Kankar Lime 1:3 (Each Part)					12	cft			
1	White Lime Quantity (1 Part)					12	cft	1200	14400	Mrk.Rate
2	Fine Kankar Lime Quantity (3 Parts)					36	cft	640	23040	Mrk.Rate
	Total								37440	
	10% Contractor profit + 10%Overhead								7488	
	Total								44928	
	Rate per cft								449	
	Labour Rate per 1 Cum								15866	
B	Labour									
1	Skille Cooly for digging & dismantling	2.00				2.00	each	1850	3700	LB-024
2	Un-Skilled Cooly for stacking of Bricks	1.00				1.00	each	1425	1425	LB-015
3	1.5 Conservation Masons for 2 days	3.00				3.00	each	1850	5550	LB-040
4	1.5 Un-Skilled Coolies for 2 days	3.00				3.00	each	1425	4275	LB-015
5	1.5 Bahisti for 2 days	1.00				1.00	each	1425	1425	LB-017
	Total								16375	

	Sundries @10%								1638	
	Total with Sundries								18013	
	10% Contractor profit + 10%Overhead								3603	
	MRS ITEMS									
6	Scraping bricks dismantled from pacca masonry.					939	Nos.	4.97	4661	Ch 07 item 29
B	Grand Total								26276	
	Labour Rate per 1 Cft						Cft		263	
	Labour Rate per 1 Cum						Cum		9279	
	Composite Rates									
	Per 1 Cft						Cft		712	
	Per 1 Cum						Cum		25146	

RATE ANALYSIS NO.11										
Title: Stainless Steel Plate:										
Description :										
Providing and laying Polished SS plate of T-304 series (Assumption Calculation size:4 feet length 4" width and 6mm thick) in brick masonry walls by bending in Z shape for strengthening the wall and remedy for crack expending. As per instructon of site										MRS 2025 1ST
Note: Installed Steel calculated payment will be paid in Kilograms.										
Sr.#	Unit of Rate = 5.9 Kg									
A	Material	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
1	T-304 Series SS Plate, 4.47 kg / sft	1.00	4.00	0.33		1.32	sft			
2	Required size weight 1.32sft x 4.47 kg/sft	4.47	1.32			5.90	each	850.0	5015	MRK Rate
	Total								5015	
	10% Contractor profit + 10%Overhead								1003	
A	Grand Total (A)								6018	
	Per Kg								1020	
	Per Pound (2.20462)								463	
	Per Cwt. (centum or cental weight) (equals to 112 pound (lbs).								51822	
B	Labour									
1	SS Plate Cutting, Machine cutting each cut	2.00				2.00	each	200.0	400.0	MRK Rate
2	Bending as per required shape Z, Each bend	2.00				2.00	each	100.0	200.0	MRK Rate
3	Mason for laying on actual place	0.25					day	1850.0	462.5	LB-040
4	Un-Skilled Cooly	0.20					day	1425.0	285.0	LB-015
	Total B								1347.5	
	Sundries @10%								134.8	
	Total with Sundries								1482.3	
	10% Contractor profit + 10%Overhead								296.5	
B	Grand Total (B)								1778.7	
	Labour Rate per 1 Kg						Kg		301.5	
	Per Pound (2.20462)								136.7	
	Labour Rate per 1 Cwt. (centum or cental weight) (equals to 112 pound (lbs).						Cwt.		15316	
	Composite Rates									
	Per 1 Kg						Kg		1322	
	Per 1 Cwt.						Cwt.		67138	

RATE ANALYSIS NO. 12										
Title: Terracotta Jali:										
Description :										
Providing at any height at any floor nominal 2" (50 mm) thick, 8" x 16" and 8" x 8" terracotta jali special made tiles using lime mortar 1:2 ratio(1 part White lime, 2 part Kankar Lime) with adding surkhi for matching colour, finishing, curing, true to plumb, including grouting, finishing etc.as per design and size as original or shown in the drawings, complete in all respects or as per instructions of site incharge.										MRS 2025 1ST
Note: Finalized area meaasure and paid in Sft.										
Sr.No	Unit of Rate = 100 Sft									
A	Material	No.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
	1 General Design formation 2' x 2' : consist 4 tiles of 8" x 16" Around 1 tile of 8" x 8"	1.0	2.00	2.00		4.0	sft			
	For 100 sft, Design Formation Required.	100.0				25.0	Nos			
1	Each design formation requirde one 8" x 8" Square Tiles	25.0				25.0	Nos	300.0	7500.0	MRK Rate
2	Each design formation requirde Four 8" x 16" Rectangular Tiles	100.0				100.0	Nos	450	45000.0	MRK Rate
	Mortar for 100 sft required									
	2" thick layer of Mortar									
	According to Design Formation					5.00	Cft			
	Dry Mortar Total (1.2)					6.00	Cft			
	Ratio 1:2 (Each Part)					2.00	Cft			
3	White Lime 1 Part Required					2.00	Cft	1200	2400.0	MRK Rate
4	Fine Kankar Lime Quantity (2 Parts included Surkhi)					3.50	Cft	640	2240.0	MRK Rate
5	Surkhi	0.50				0.50	Cft	15	7.5	10.037
	Total								57147.5	
	10% Contractor profit + 10%Overhead								11429.5	
A	Grand Total (A)								68577.0	
	Per Sft								685.8	
	Per Sqm								7381.6	
B	Labour									

	Masonry Work:									
1	Conservation Masons	2.00				2.00	each	1850	3700.0	LB-040
2	Un-Skilled Coolies	2.00				2.00	each	1425	2850.0	LB-015
3	Bahisti	0.50				0.50	each	1425	712.5	LB-017
	Lime Putty Mortar:									
1	Cooly Un-Skilled	0.50				0.50	each	1425	712.5	LB-015
2	Bahisti	0.50				0.50	each	1425	712.5	LB-017
	Total B								8687.5	
	Sundries @10%								868.8	
	Total with Sundries								9556.3	
	10% Contractor profit + 10% Overhead								1911.3	
B	Grand Total (B								11467.5	
	Labour Rate per Sft						Sft		114.7	
	Labour Rate per Sqm						Sqm		1234.4	
	Composite Rates									
	Per Sft						Sft		800.4	
	Per Sqm						Sqm		8615.9	

RATE ANALYSIS NO. 13					
Providing and fixing 50 mm (2") thick cement concrete Perforated jali reinforced with 1 mm thick wire including coping at top, including cost of reinforcement, finishing, curing, true to plumb, including cost of dowels, keys, grouting, finishing, etc. with cement sand mortar 1:3, as per design and size as original or shown in the drawings, complete in all respects.					
MRS 2025 1ST					
Unit of rate = per Sft					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>MATERIAL</u>				
(Ch 6 Item 15)	Providing and fixing ornamental cement jali 2" (50 mm) thick (1:2:4), without steel	sft	1.00	126.5	126.50
(Ch 6 Item 12 a)	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- Deformed bars (Grade-60)	kg	0.58	338.40	196.27
	Grand Total Rs.				<u>322.77</u>
	Cost per Sft.			Say Rs.	322.77

RATE ANALYSIS NO. 14										Ref.
Title: Coat of Padlow and Cement Slurry :										MRS 2025 1ST
Description :										
	Providing and Laying Floating Coat of Padlow and Cement Slurry for Water Proofing									
UNIT OF RATE = 100 Sft										
Sr.	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A	Material									
1	Cement					0.50	Bag	1350.0	675	6.008
2	Padlow Powder					1.00	Kg	950.0	950	
	Total								1625	
	10% Contractor profit + 10%Overhead								325	
A	Grand Total "A"								1950	
	Per Sft						Sft		20	
	Per Sqm						Sqm		210	
B	Labour									
	For Tile laying (For 100SFT)									
1	Conservation Mason	0.75				1.00	Day	1850.0	1388	LB-040
2	Skilled Cooly	0.50				1.00	Day	1850.0	925	LB-024
	Total B								2313	
	Sundries @10%								231	
	Total with Sundries								2544	
	10% Contractor profit + 10% Overhead								509	
B	Grand Total "B"								3053	
	Labour Rate per Sft						Sft		31	
	Labour Rate per Sqm						Sqm		329	
	Composite Rates									
	Per Sft						Sft		50	
	Per Sqm						Sqm		538	

RATE ANALYSIS NO. 15										Ref.
Title: Chir Wooden Roof.										
Description:										MRS 2025 1ST
Providing and Laying of Wooden Roof (consisting of timber joists 4" x 6" @ 13" c.c. 9" Clear, wood planks 1.5" thick, anchoring of planks to joists & joists to wall complete in all respects using under given type wood and as per the instructions of site incharge.										
i	Provide and laying Wall Plate of Wooden Rafter (i.e 6" x 4") at both side of walls.									
ii	6" Overlap of Rafter includes on both side walls.									
Note: Installed Wooden Rafter, Planks, Beams, Lintels, and Filling Packing Measured and Payment will be done in CFT.										
Unit Rate Per 100 Sft (Used 35.88 cft Cheer Wood)									Amount	Ref.
	Description	No.	L	W	H/D	Qty	Unit	Rate		
1	Cheer Wood									
i	Wooden Planks	1.00	10.00	10.00	0.13	12.50	Cft			
ii	Wooden Batten At both edges of span and in between @ 13" cc , 9" Clear	10.00	10.00	0.33	0.50	16.67	Cft			
iii	Both Side 6" Overlap of Rafters on Walls	20.00	0.50	0.33	0.50	1.67	Cft			
iv	Wall Plate of Rafter on both side walls (6" x 4")	2.00	10.00	0.50	0.33	3.33	Cft			
	Total Wood					34.17	Cft			
	Wastage @ 5%					1.71	Cft			
1	Total Wood Required for 100 sft					35.88	Cft	2200.0	78925	12.001
3	Nails	2.50				2.50	Kg.	350.0	875	12.148
4	Glue	1.00				1.00	Kg.	300.0	300	12.039
	Total (A)								80100	
	10% contractor profit + 10% Overhead Charges								16020	
	Grand Total A								96120	
	Per Cft						Cft		2679	
	Per Cum						Cum		94619	
B)	LABOUR	No.			Days	Total				

i	Conservation Carpenter	2.50			2.00	5.00	No.	1850.0	9250	LB-029
ii	Conservation Helper	2.00			2.00	4.00	No.	1850.0	7400	LB-061
iii	Skilled Cooly (Reused Mug Laying)	1.00			1.00	1.00	No.	1850.0	1850	LB-024
	Total								18500	
	Sundries @10%								1850	
	10% contractor profit + 10% Overhead Charges								4070	
	Total (B)								24420	
	Per Cft						Cft		681	
	Per Cum						Cum		24039	
	Composite Rates									
	Per Cft						Cft		3360	
	Per Cum						Cum		118657	

RATE ANALYSIS NO. 16										Ref.
Title: Chir Wooden Roof.										
Description:										MRS 2025 1ST
Providing and Laying of Wooden Roof (consisting of timber joists 4" x 6" @ 13" c.c. 9" Clear, wood planks 1.5" thick, anchoring of planks to joists & joists to wall complete in all respects using under given type wood and as per the instructions of site incharge.										
i	Provide and laying Wall Plate of Wooden Rafter (i.e 6" x 4") at both side of walls.									
ii	6" Overlap of Rafter includes on both side walls.									
Note: Installed Wooden Rafter, Planks, Beams, Lintels, and Filling Packing Measured and Payment will be done in CFT.										
Unit Rate Per 100 Sft (Used 35.88 cft Cheer Wood)									Amount	Ref.
	Description	No.	L	W	H/D	Qty	Unit	Rate		
1	Cheer Wood									
i	Wooden Planks	1.00	10.00	10.00	0.13	12.50	Cft			
ii	Wooden Batten At both edges of span and in between @ 13" cc , 9" Clear	10.00	10.00	0.33	0.50	16.67	Cft			
iii	Both Side 6" Overlap of Rafters on Walls	20.00	0.50	0.33	0.50	1.67	Cft			
iv	Wall Plate of Rafter on both side walls (6" x 4")	2.00	10.00	0.50	0.33	3.33	Cft			
	Total Wood					34.17	Cft			
	Wastage @ 5%					1.71	Cft			
1	Total Wood Required for 100 sft					35.88	Cft	12600	452025	12.002
3	Nails	2.50				2.50	Kg.	350	875	12.148
4	Glue	1.00				1.00	Kg.	300	300	12.039
	Total (A)								453200	
	10% contractor profit + 10% Overhead Charges								90640	
	Grand Total A								543840	
	Per Cft						Cft		15159	
	Per Cum						Cum		535346	
B)	LABOUR	No.			Days	Total				
i	Conservation Carpenter	2.50			2.00	5.00	No.	1850	9250	LB-029
ii	Conservation Helper	2.00			2.00	4.00	No.	1425	5700	LB-061

iii	Skilled Cooly (Reused Mug Laying)	1.00			1.00	1.00	No.	1850	1850	LB-024
	Total								16800	
	Sundries @10%								1680	
	10% contractor profit + 10% Overhead Charges								3696	
	Total (B)								22176	
	Per Cft						Cft		618	
	Per Cum						Cum		21830	
	Composite Rates									
	Per Cft						Cft		15777	
	Per Cum						Cum		557175	

Rate Analysis 17						
Title: Waterproofing						
Description						
Cleaning of the surface,repairing of cracks with polyurethane sealant, supply and apply two prime coat rock seal C-3 by paint brush and final coat of Burflex by paint brush complete in all respect as per instructions of site engineer.						
Detail			Unit Rate Per 100Sft			
			Qty	Rate per Unit	Amount (Rs.)	Ref.
A)	MATERIAL					MRS 2025 1ST
1	Chemical	100.00	Sft	96.0	9,600.00	Qoutation
	Total				9,600.00	
	Adding 20% contractor profit + Overhead Charges					
	Total per 100 Sft				11,520.00	
	Total per sft				115.20	

RATE ANALYSIS NO. 18										Ref.
Title: Lime Terracing For Base:										MRS 2025 1ST
Description :										
	Lime terracing plain for floor or roof base surface, including placing compacting finishing and curing complete (including screening and washing of aggregate). with 1:2:4 (01 white lime : 02 Fine kankar lime : 04 Coarse kankar lime)									
RATE ANALYSIS FOR 100 Sft (2" to 3" according to slope requirment avergae 2.5")										
Sr.	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A	Material									
	Area	1	10	10		100.0	sft			
	Lime Putty Mortar, 2" to 3" average	1	10	10	0.21	20.83	Cft			
	Dry Mortor (Constant 1.54)					32.08	Cft			
	Ratio 1 : 2 : 4 (7) each part					4.58	Cft			
1	White Lime Quantity (1 Part)					4.58	Cft	1200	5500	MRK Rate
2	Fine Kankar Lime Quantity (2 Parts)					9.17	Cft	640	5867	MRK Rate
3	Coarse Kankar Lime Quantity (4 Parts)					18.33	Cft	420	7700	MRK Rate
	Total								19067	
	10% Contractor profit + 10%Overhead								3813	
A	Grand Total "A"								22880	
	Per Sft						Sft		229	
	Per Sqm						Sqm		2463	
B	Labour									
	Masonry Work:									
1	Conservation Masons	1.00				1.00	each	1850	1850	LB-040
2	Un-Skilled Coolies	1.50				1.50	each	1425	2138	LB-015
3	Bahisti	0.25				0.25	each	1425	356	LB-017
	Lime Putty Mortar:									
1	Cooly Un-Skilled	0.50				0.50	each	1425	713	LB-015
2	Bahisti	0.25				0.25	each	1425	356	LB-017
	Total B								5413	
	Sundries @10%								541	
	Total with Sundries								5954	
	10% Contractor profit + 10%Overhead								1191	
B	Grand Total "B"								7145	
	Labour Rate per Sft						Sft		71	
	Labour Rate per Sqm						Sqm		769	
	Composite Rates									
	Per Sft						Sft		300	
	Per Sqm						Sqm		3232	

RATE ANALYSIS NO. 19										Ref.
Title: Brick Tiles Flat Floor 9" x 4.5" x 1-1/2" in Lime:										MRS 2025 1ST
Description										
	Providing and Laying Flat tile flooring size 9" x 4.5" x 1-1/2" in special design (Boarder all side and Herringbone Pattern), as per design and finally rubbing, grinding complete in all respects									
i.	Over a bed of 3/4" thick mortar lime mortar 1:3 (1 white lime, 3 fine kankar lime)and joints finished with putty and red oxide									
ii.	As per design and finally rubbing, grinding complete in all respects									
RATE ANALYSIS FOR 100 sft										
	Details	No.	L	W	H/D	Qty	Unit	Rate	Total	
A)	Flooring with Standard Tiles	1	10.0	10.0	0.1	12.50	Cft			
	Consider 20% Lime Mortor					2.50	Cft			
	Standard Brick Tiles Required for 100 sft					10.00	Cft			
	1 brick tile 9" x 4.5" x 1-1/2" volume	1	0.8	0.4	0.1	0.0352	Cft			
	Nos. of Tile Required for 100 sft					284.44	Nos.			
	Wastage 10%					28.44	Nos.			
1	Total Tile (9"x4.5"x1-1/2") Required for 100 sft					312.89	Nos.	11.00	3442	9.005
	Total Tiles in cft					11.00				
	Flooring laying with lime mortar 1:3									
	Consider 20% Lime Mortor					2.50	cft			
	Wastage 05%					0.13	cft			
	Lime Mortar for Bidding 3/4".	1	10.00	10.00	0.06	6.25	cft			
	Total Lime Mortor Required for Masonry					8.88	cft			
	Dry Mortor (Constant 1.2)					10.65	cft			
	White and Kamkar lime ratio 1:3 (Each Part)					2.66	cft			
2	White lime (1 Part)					2.66	cft	1200	3195	MRK Rate
3	Fine KanKar Lime (3 Parts)					7.99	cft	640	5112	MRK Rate
	Total								11749	

	10% Contractor profit + 10%Overhead								2350	
	Grand Total "A"								14099	
	Per Sft						Sft		141	
	Per Sqm						Sqm		1518	
B	Labour									
	Masonry Work:									
1	Conservation Masons	1.50				1.50	each	1850	2775	LB-040
2	Un-Skilled Coolies	1.00				1.00	each	1425	1425	LB-015
3	Bahisti	0.25				0.25	each	1425	356	LB-017
	Lime Putty Mortar:									
1	Cooly Un-Skilled	0.50				0.50	each	1425	713	LB-015
2	Bahisti	0.25				0.25	each	1425	356	LB-017
	Total B								5625	
	Sundries @10%								563	
	Total with Sundries								6188	
	10% Contractor profit + 10%Overhead								1238	
B	Grand Total "B"								7425	
	Labour Rate per Sft						Sft		74	
	Labour Rate per Sqm						Sqm		799	
	Composite Rates									
	Per Sft						Sft		215	
	Per Sqm						Sqm		2317	

RATE ANALYSIS NO. 20										Ref.
Title: Brick Tiles Floor on Edge 8" x 5" x 1-1/4" in Lime:										MRS 2025 1ST
Description										
	Providing and Laying Brick tiles flooring on edge size 8" x 5" x 1-1/4" in special design (Boarder all side and Herringbone Pattern), as per design and finally rubbing, grinding complete in all respects									
i.	Over a bed of 3/4" thick mortar lime mortar 1:3 (1 white lime, 3 fine kankar lime)and joints finished with putty and red oxide									
ii.	As per design and finally rubbing, grinding complete in all respects									
RATE ANALYSIS FOR 100 sft										
	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Flooring with Standerd Tiles	1	10.0	10.0	0.4	41.67	Cft			
	Consider 20% Lime Mortor					8.33	Cft			
	Brick Tiles Required for 100 sft					33.33	Cft			
	1 brick tile 8" x 5" x 1-1/4" volume	1	0.7	0.4	0.1	0.0289	Cft			
	Nos. of Tile Required for 100 sft					1152.00	Nos.			
	Wastage 10%					115.20	Nos.			
1	Total Tile (8"x5"x1-1/4") Required for 100 sft					1267.20	Nos.	18.00	22810	MRK Rate
	Total Tiles in cft					36.67				
	Flooring laying with lime mortar 1:3									
	Consider 20% Lime Mortor					8.33	cft			
	Wastage 05%					0.42	cft			
	Lime Mortar for Bidding 3/4".	1	10.00	10.00	0.06	6.25	cft			
	Total Lime Mortor Required for Masonry					15.00	cft			
	Dry Mortor (Constant 1.2)					18.00	cft			
	White and Kamkar lime ratio 1:3 (Each Part)					4.50	cft			
2	White lime (1 Part)					4.50	cft	1200	5400	MRK Rate

3	Fine KanKar Lime (3 Parts)					13.50	cft	640	8640	MRK Rate
	Total								36850	
	10% Contractor profit + 10%Overhead								7370	
	Grand Total "A"								44220	
	Per Sft						Sft		442	
	Per Sqm						Sqm		4760	
B	Labour									
	Masonry Work:									
1	Conservation Masons	2.00				2.00	each	1850	3700	LB-040
2	Un-Skilled Coolies	2.50				2.50	each	1425	3563	LB-015
3	Bahisti	0.25				0.25	each	1425	356	LB-017
	Lime Putty Mortar:									
1	Cooly Un-Skilled	0.50				0.50	each	1425	713	LB-015
2	Bahisti	0.25				0.25	each	1425	356	LB-017
	Total B								8688	
	Sundries @10%								869	
	Total with Sundries								9556	
	10% Contractor profit + 10%Overhead								1911	
B	Grand Total "B"								11468	
	Labour Rate per Sft						Sft		115	
	Labour Rate per Sqm						Sqm		1234	
	Composite Rates									
	Per Sft						Sft		557	
	Per Sqm						Sqm		5994	

RATE ANALYSIS NO. 21										Ref.
Title: Brick Tiles Floor on Edge 9" x 4-1/2" x 1-1/2" in Lime:										MRS 2025 1ST
Description										
	Providing and Laying Brick tiles flooring on edge size 9"x 4-1/2" x1-1/2" in special design (Boarder all side and Herringbone Pattern), as per design and finally rubbing, grinding complete in all respects									
i	Over a bed of 3/4" thick lime mortar 1:3 (1 white lime, 3 fine kankar lime) and joints finished with putty and red oxide									
ii	As per design and finally rubbing, grinding complete in all respects									
RATE ANALYSIS FOR 100 sft										
	Details	No.	L	W	H/D	Qty	Unit	Rate	Total	
A)	Flooring with Standard Tiles	1	10.0	10.0	0.4	37.5	cft			
	Consider 20% Lime Mortor					7.5	cft			
	Standerd Brick Tiles Required for 100 sft					30.0	cft			
	1 Standerd brick tile 9" x 4.5" x 1.5" Volume	1	0.75	0.38	0.13	0.0	cft			
	Nos. of Tile Required for 100 sft					853.3	Nos.			
	Wastage 5%					42.7	Nos.			
1	Total Tile Required for 100 sft					896.0	Nos.	11	9856	9.005
	Total Tiles in cft					31.5				
	Flooring laying with lime mortar 1:3									
	Consider 20% Lime Mortor					7.5	cft			
	Wastage 05%					0.4	cft			
	Lime Mortar for Bidding 3/4"	1	10.0	10.0	0.1	6.3	cft			
	Total Lime Mortor Required for Masonry					14.1	cft			
	Dry Mortor (Constant 1.2)					17.0	cft			
	White and Kamkar lime ratio 1:3 (Each Part)					4.2	cft			
2	White lime (1 Part)					4.2	cft	1200	5085	MRK Rate
3	Fine KanKar Lime (3 Parts)					12.7	cft	640	8136	MRK Rate
	Total								23077	
	10% Contractor profit + 10%Overhead								4615	
	Grand Total "A"								27692	
	Per Sft						Sft		277	
	Per Sqm						Sqm		2981	
B	Labour									
	Masonry Work:									

1	Conservation Masons	1.25				1.25	each	1850	2313	
2	Un-Skilled Coolies	2.00				2.00	each	1425	2850	LB-015
3	Bahisti	0.25				0.25	each	1425	356	LB-017
	Lime Putty Mortar:									
1	Cooly Un-Skilled	0.50				0.50	each	1425	713	LB-015
2	Bahisti	0.25				0.25	each	1425	356	LB-017
	Total B								6588	
	Sundries @10%								659	
	Total with Sundries								7246	
	10% Contractor profit + 10%Overhead								1449	
B	Grand Total "B"								8696	
	Labour Rate per Sft						Sft		87	
	Labour Rate per Sqm						Sqm		936	
	Composite Rates									
	Per Sft						Sft		364	
	Per Sqm						Sqm		3917	

RATE ANALYSIS NO.22										Ref.
Title: Lime Floor Topping:										MRS 2025 1ST
Description :										
	Providing and laying Grouting of Lime 1:3 (1 White Lime : 3 Fine Kankar Lime) 1/4" thick. over and cavity fillings of tile floorings surface, including putting with small pieces of metal plate or strip placing curing complete in all respect as per instruction of site incharge.									
RATE ANALYSIS FOR 100 Sft										
Sr.	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A	Material									
	Floor Surface	1	10.0	10.0		100	Sft			
	Lime Fine Coat (Material)	1	10.0	10.0	0.02	2.08	Cft			
	Lime Mortar (Dry Constant 1.2)					2.50	Cft			
	Ratio 1 : 3 (4) each part					0.63	Cft			
1	White Lime Quantity (1 Part)					0.63	Cft	1200	750	MRK Rate
2	Fine Kankar Lime Quantity (3 Parts)					1.88	Cft	640	1200	MRK Rate
	Total								1950	
	10% Contractor profit + 10%Overhead								390	
A	Grand Total "A"								2340	
	Per Sft						Sft		23	
	Per Sqm						Sqm		252	
B	Labour									
	Masonry Work:									
1	Conservation Masons	1.00				1.00	each	1850	1850	LB-040
2	Un-Skilled Coolies	1.00				1.00	each	1425	1425	LB-015
3	Bahisti	0.25				0.25	each	1425	1425	LB-017
	Lime Putty Mortar:									
1	Cooly Un-Skilled	0.15				0.15	each	1425	1425	LB-015
2	Bahisti	0.10				0.10	each	1425	1425	LB-017
	Total B								7550	
	Sundries @10%								755	
	Total with Sundries								8305	
	10% Contractor profit + 10%Overhead								1661	
B	Grand Total "B"								9966	
	Labour Rate per Sft						Sft		100	
	Labour Rate per Sqm						Sqm		1073	
	Composite Rates									
	Per Sft						Sft		123	
	Per Sqm						Sqm		1325	

RATE ANALYSIS NO. 23										Ref.
Title: Providing and Laying Flooring of Supper White Marble:										MRS 2025 1ST
Description :										
	Providing and Laying Flooring of Supper White 1"thick Marble in 1:3 Cement Mortor ¾" thick Joints Treated With White Cement Finely Rubbed and Polished.									
RATE ANALYSIS FOR 100 Sft										
Sr.	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A	Material									
1	Super White Marble 1" thick with 5% wastage					105.0	Sft	1150	120750	MRK Rate
2	Cement Bags					1.44	Bag	1090	1570	6.008
3	Sand					5.31	Cft	35	186	6.007
4	White Cement					0.25	Bag	1800	450	6.009
	Total								122955	
	10% Contractor profit + 10%Overhead								24591	
A	Grand Total "A"								147547	
	Per Sft						Sft		1475	
	Per Sqm						Sqm		52106	
B	Labour									
	Masonry Work:									
1	Conservation Mason	2.00				3.0	Day	1850	11100	LB-040
2	Skilled Cooly	2.00				3.0	Day	1850	11100	LB-024
3	Polisher	1.00				3.0	Day	1425	4275	LB-063
	Total B								26475	
	Sundries @10%								2648	
	Total with Sundries								29123	
	10% Contractor profit + 10%Overhead								5825	
B	Grand Total "B"								34947	
	Labour Rate per Sft						Sft		349	
	Labour Rate per Sqm						Sqm		12341	
	Composite Rates									
	Per Sft						Sft		1825	
	Per Sqm						Sqm		64447	

RATE ANALYSIS NO. - 24										Ref.
Title: Red Sand Stone Floor in Lime New:										MRS 2025 1ST
Description										
	Providing and Laying Red sand stone floor, (as finished form purchased from Market) Over a bed of 1" thick mortar lime mortar 1:3:4 (1 white lime, 3 fine kankar lime: 4 Coarse Kankar Lime) and joints finished with putty and red oxide, As per design and finally rubbing, grinding complete in all respects with 1:2 lime mortar average 1" thick and joints filling with lime mortar.									
RATE ANALYSIS FOR 100 sft										
	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Flooring with RSS	1	10.0	10.0	0.3	25	Cft			
	Consider 20% Lime Mortor					5	Cft			
	RSS Required for 100 sft					20	Cft			
	1 RSS 12" x 12" x 3" volume	1	1.000	1.000	0.250	0	Cft			
	Nos. of RSS Required for 100 sft					80	Nos.			
	Wastage 10%					8	Nos.			
1	Total RSS Pieces (1'x1'x3") Required for 100 sft					88	Nos.	2800	246400	MRK Rate
	Total Tiles in cft					22.00	Cft			
	Flooring laying with lime mortar 1:3:4									
	Consider 20% Lime Mortor					5.00	cft			
	Wastage 05%					0.25	cft			
	Lime Mortar for Bidding 1".	1	10.00	10.00	0.06	6.25	cft			
	Total Lime Mortor Required for Masonry					11.50	cft			
	Dry Mortor (Constant 1.54)					17.71	cft			
	White and Kamkar lime ratio 1:3:4 (Each Part)					2.21	cft			
2	White lime (1 Part)					2.21	cft	1200	2657	MRK Rate
3	Fine KanKar Lime (3 Parts)					6.64	cft	640	4250	MRK Rate

4	Coarse Kankar Lime (4parts)					8.86	cft	420	3719	MRK Rate
	Total								257026	
	10% Contractor profit + 10%Overhead								51405	
	Grand Total "A"								308431	
	Per Sft						Sft		3084	
	Per Sqm						Sqm		33199	
B	Labour									
	Masonry Work:									
1	Conservation Masons	2.00				1.00	Day	1850	3700	LB-040
2	Conservation Cooly	6.00				1.00	Day	1850	11100	LB-024
3	Bahisti	0.50				1.00	Day	1425	713	LB-017
	Lime Putty Mortar:									
1	Skilled Cooly	0.50				1.00	Day	1850	925	LB-024
2	Bahisti	0.50				1.00	Day	1425	713	LB-017
	Total B								17150	
	Sundries @10%								1715	
	Total with Sundries								18865	
	10% Contractor profit + 10%Overhead								3773	
B	Grand Total "B"								22638	
	Labour Rate per Sft						Sft		226	
	Labour Rate per Sqm						Sqm		2437	
	Composite Rates									
	Per Sft						Sft		3311	
	Per Sqm						Sqm		35636	

RATE ANALYSIS NO. 25										Ref.
Title: White Marble Floor in Lime New:										MRS 2025 1ST
Description										
	Providing and Laying White Marble floor 2" Thick in Octagonal and Square Design with 3/4" Black Linning, Over a bed of 1" thick mortar lime mortar 1:3:4 (1 white lime, 3 fine kankar lime: 4 Coarse Kankar Lime) and Laid with 1:3 (1 White Lime :3 Fine kankar Lime) Inculding rubbing, grinding and polishing etc. complete in all respects as per instruction of site incharge									
RATE ANALYSIS FOR 100 sft										
Sr.	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Flooring with White Marble 2" Thick	1	10.0	10.0		100.00	Sft			
1	White Marble Piece 2" Thick	100.0				100.00	Sft	2300	230000	MRK Rate
2	Due to the special disgn of Octagonal Shape Wastage will be 25%					25.00	Sft	2300	57500	
3	Marble strips 10 mm thick 40 mm wide					500.00	Rft	18	9000	10.030
	Flooring laying with lime mortar 1:3 conside 1/4" Thick									
		1	10.0	10.0	0.021	2.08	Cft			
	Dry Mortor (Constant 1.27)					2.65	cft			
	White and Fine Kamkar lime ratio 1:3 (Each Part)					0.66	cft			
2	White lime (1 Part)					0.66	cft	1200	794	M Rate
3	Fine KanKar Lime (3 Parts)					1.98	cft	640	1270	M Rate
	Lime Mortar for Bidding 1".	1	10.00	10.00	0.08	8.33	cft			
	Total Lime Mortor Required for Masonry					8.33	cft			
	Dry Mortor (Constant 1.54)					12.83	cft			
	White and Kamkar lime ratio 1:3:4 (Each Part)					1.60	cft			
2	White lime (1 Part)					1.60	cft	1200	1925	M Rate
3	Fine KanKar Lime (3 Parts)					4.81	cft	640	3080	M Rate

4	Coarse Kankar Lime (4parts)					6.42	cft	420	2695	M Rate
	White Cement for Filling					5.00	Kg	27	135	
	Total								306399	
	10% Contractor profit + 10%Overhead								61280	
	Grand Total "A"								367679	
	Per Sft						Sft		3677	
	Per Sqm						Sqm		39577	
B	Labour									
	Masonry Work:									
1	Conservation Masons	3.00				1.00	Day	1850	5550	LB-040
2	Conservation Cooly	6.00				1.00	Day	1850	11100	LB-024
3	Bahisti	0.50				1.00	Day	1425	713	LB-017
	Lime Putty Mortar:									
1	Conservation Cooly	0.50				1.00	Day	1850	925	LB-024
2	Bahisti	0.50				1.00	Day	1425	713	LB-017
	Rubbing, Grinding and Polishing:									
	Polisher	1.00				4.00	Day	1425	5700	LB-063
	Total B								24700	
	Sundries @10%								2470	
	Total with Sundries								27170	
	10% Contractor profit + 10%Overhead								5434	
B	Grand Total "B"								32604	
	Labour Rate per Sft						Sft		326	
	Labour Rate per Sqm						Sqm		3509	
	Composite Rates									
	Per Sft						Sft		4003	
	Per Sqm						Sqm		43086	

RATE ANALYSIS NO. 26					
Preparing dressing and laying in position Roshan tile (8" x 8" x 3/4") in cement sand mortar (3:1) (3 sand,1 cement) over 3/4" thick bed of cement sand mortar etc complete in all respects.					
Unit of rate = 100Sft					
Sr.No	Description	Unit	Quantity	Rate	Amount
	<u>MATERIAL</u>				
	Roshan tile	Sft	100.00	390.00	39000.00
	cement	bags	2.00	1350.00	2700.00
	sand	Cft	9.00	55.00	495.00
	<u>LABOUR</u>				
	Mason	Day	4.00	1850.00	7400.00
	Unskilled cooly	Day	3.00	1425.00	4275.00
	Sundries, T & P etc. (Miscellaneous petty things) @ 10% of labour cost	-	-	-	1167.50
	Total of material and labour				55037.50
	10% contractor's profit + 10% overhead				11007.50
	Grand Total Rs.				<u>66045.00</u>
	Cost per 100Sft.			Say Rs.	66,045.00
	Cost per Sft.			Say Rs.	660.45

RATE ANALYSIS NO. 27										Ref.
Title: Lime Plaster 3/4" Thick:										MRS 2025 1ST
Description :										
	Cleaning and preparing brick surface including raking out joints and applying average 3/4" thick kankar lime plaster in layers with base layer 1/2" thick 1 : 3 (1 white lime : 3 Fine kankar lime) including 5% chopped jute fiber. 1/4" thick finishing layer with 1:3 with out jute over plaster base layer, including curing, protection of adjacent surfaces complete to the satisfaction of Site Incharge.									
RATE ANALYSIS FOR 100 sft										
A)	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
	Wall Surface	1	10.0	10.0		100.00	sft			
a	1/2" surface of Base Layer	1	10.0	10.0	0.04	4.17	cft			
	Dry Mortor (Constant 1.2)					5.00	cft			
	Chopped Jute 5% of Mortar					0.250	cft			
	Chopped Jute (1.5g/cubic cm)					7079	cu.cm			
	Weight of Chopped Jute					10619	grams			
	Chopped Jute					10.62	Kg	165	1752	11.001
	White and Kankar Lime Required for base layer					4.75				
b	1/4" Surface Finishing Layer	1	10.0	10	0.021	2.08				
	Dry Mortor (Constant 1.2)					2.50	cft			
	Total a + b White and Kankar Lime Required					7.25	cft			
	1 White Lime : 3 Kankar Lime (4 Each Part)					1.81	cft			
1	White Lime Quantity (1 Part)					1.81	cft	1200	2175	MRK Rate
2	Fine Kankar Lime Quantity (3 Parts)					5.44	cft	640	3480	MRK Rate
	Total								7407	
	10% Contractor profit + 10%Overhead								1481	
	Total "A"								8889	
	Per Sft						Sft		89	
	Per Sqm						Sqm		957	
B)	Labour for Masonry									
1	Conservation Mason	2.00				2.00	Per Day	1850	3700	CLB-003
2	Skilled Cooly	2.50				2.50	Per Day	1850	4625	LB-024
3	Bahishti	0.75				0.75	Per Day	1425	1069	LB-017
	Labour for Lime Mortar									
1	Skilled Cooly	0.50				0.50	Per Day	1850	925	LB-024
2	Bahishti	0.25				0.25	Per Day	1425	356	LB-017
	Total								10675	

	Sundries @ 10%				1068	
	Total With Sundries				11743	
	10% Contractor profit + 10% Overhead				2349	
	Total "B"				14091	
	Labour Per Sft			Sft	141	
	Labour Per Sqm			Sqm	1517	
	Composite					
	Per Sft			Sft	230	
	Per Sqm			Sqm	2473	

RATE ANALYSIS NO. 28										Ref.
Title: Lime Plaster 2" Thick:										MRS 2025 1ST
Description :										
	Cleaning and preparing brick surface including raking out joints and applying average 2" thick kankar lime plaster in layers with base layer 1-1/2" thick 3/4 : 1 : 2 (3/4 white lime : 1 Fine kankar, 2 Coarse kankar) including 3% chopped jute fiber. 1/2" thick finishing layer with 1:3 (1 white lime : 3 Fine kankar lime) over plaster base layer, including curing, protection of adjacent surfaces complete to the satisfaction of Site Incharge.									
RATE ANALYSIS FOR 100 sft										
A)	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
	Wall Surface	1	10.0	10.0		100.0	sft			
a	1-1/2" surface of Base Layer	1	10.0	10.0	0.13	12.50	cft			
	Dry Mortor (Constant 1.54)					19.25	cft			
	Chopped Jute 3% of Mortar					0.578	cft			
	Chopped Jute (1.5g/cubic cm)					16353	cu.cm			
	Weight of Chopped Jute					24529	grams			
	Chopped Jute					24.53	Kg	150	3679	11.001
	White and Kankar Lime Required for base layer					18.67				
	Lime Ratio 3/4 : 1 : 2					4.98				
1	White Lime 3/4					3.73	cft	1200	4481	
2	Fine Kankar Lime 1					4.98	cft	640	3187	
3	Coarse Kankar Lime 2					9.96	cft	420	4183	
b	1/2" Surface Finishing Layer	1	10.0	10	0.04	4.17				
	Dry Mortor (Constant 1.2)					5.00	cft			
	1 White Lime : 3 Kankar Lime (4 Each Part)					1.25	cft			
1	White Lime Quantity (1 Part)					1.25	cft	1200	1500	MRK Rate
2	Fine Kankar Lime Quantity (3 Parts)					3.75	cft	640	2400	MRK Rate
	Total								19430	
	10% Contractor profit + 10%Overhead								3886	
	Total "A"								23316	
	Per Sft						Sft		233	
	Per Sqm						Sqm		2510	
B)	Labour									
a	Base Layer 1-1/2" Thick									
1	Conservation Mason	4.50				4.50	Per Day	1850	8325	CLB-003
2	Skilled Cooly	5.00				5.00	Per Day	1850	9250	LB-024
3	Bahishti	0.50				0.50	Per Day	1425	713	LB-017
b	Final Layer, 1/2" Thick									
1	Conservation Mason	1.50				1.50	Per Day	1850	2775	CLB-006

2	Skilled Cooly	1.00				1.00	Per Day	1850	1850	LB-036
3	Bahishti	0.50				0.50	Per Day	1425	713	LB-021
c	Labour for Lime Mortar									
1	Skilled Cooly	0.50				0.50	Per Day	1850	925	LB-024
2	Bahishti	0.25				0.25	Per Day	1425	356	LB-017
	Total								24906	
	Sundries @ 10%								2491	
	Total With Sundries								27397	
	10% Contractor profit + 10% Overhead								5479	
	Total "B"								32876	
	Labour Per Sft						Sft		329	
	Labour Per Sqm						Sqm		3539	
	Composite									
	Per Sft						Sft		562	
	Per Sqm						Sqm		6049	

RATE ANALYSIS NO. 29										Ref.
Title: Flush Pointing in Lime										MRS 2025 1ST
Description :										
	Cleaning and preparing of any sized bricks on building surface including raking out joints and applying kankar lime pointing flush with brick surface using white lime & kankar lime ratio 1:2, including curing, protection of adjacent surfaces complete to the satisfaction of site incharge.									
RATE ANALYSIS FOR 100 sft										
A)	Details	No.	L	W	H/D	Qty	Unit	Rate	Total	
	Wall Surface	1	10.0	10.0		100.0	sft			
	Consider 50% surface of Lime Mortor					50.0	sft			
	Cosider Lime Mortor Thickness 3/4"				0.06	3.1	cft			
	Total Lime Mortor Required for Masonry					3.1	cft			
	Dry Mortor (Constant 1.2)					3.8	cft			
	White and Kankar Lime 1:2 (Each Part)					1.3	cft			
1	White Lime Quantity (1 Part)					1.3	cft	1200	1500	MRK Rate
2	Fine Kankar Lime Quantity (2 Parts)					2.5	cft	640	1600	MRK Rate
	Total								3100	
	10% Contractor profit + 10%Overhead								620	
	Total "A"								3720	
	Per Sft						Sft		37	
	Per Sqm						Sqm		400	
C)	Labour for Pointing									
1	Conservation Mason	1.0				1.0	Per Day	1850	1850	
2	Skilled Cooly	1.0				1.0	Per Day	1850	1850	LB-024
3	Bahishti	0.3				0.3	Per Day	1425	356	LB-017
	Labour for Lime Mortar									
1	Skilled Cooly	0.5				0.5	Per Day	1850	925	LB-024
2	Bahishti	0.3				0.3	Per Day	1425	356	LB-017
	Total								5338	
	Sundries @ 10%								534	
	Total With Sundries								5871	
	10% Contractor profit + 10%Overhead								1174	
	Total "B"								7046	
	Labour Per Sft						Sft		70	
	Labour Per Sqm						Sqm		758	
	Composite									
	Per Sft						Sft		108	
	Per Sqm						Sqm		1159	

RATE ANALYSIS NO. 30										Ref.
Title: Deep Struck Pointing in Lime										MRS 2025 1ST
Description :										
	Cleaning and preparing of any sized bricks on building surface including raking out joints and applying deep struck pointing with white lime & kankar lime ratio 1:2, including curing, protection of adjacent surfaces complete to the satisfaction of site incharge.									
RATE ANALYSIS FOR 100 sft										
A)	Details	No.	L	W	H/D	Qty	Unit	Rate	Total	
	Wall Surface	1	10	10		100	sft			
	Consider 50% surface of Lime Mortor					50	sft			
	Cosider Lime Mortor Thickness 3/4"				0.0625	3.1	cft			
	Total Lime Mortor Required for Masonry					3.1	cft			
	Dry Mortor (Constant 1.2)					3.8	cft			
	White and Kankar Lime 1:2 (Each Part)					1.3	cft			
1	White Lime Quantity (1 Part)					1.3	cft	1200	1500	MRK Rate
2	Fine Kankar Lime Quantity (2 Parts)					2.5	cft	640	1600	MRK Rate
	Total								3100	
	10% Contractor profit + 10%Overhead								620	
	Total "A"								3720	
	Per Sft						Sft		37	
	Per Sqm						Sqm		400	
C)	Labour for Pointing									
1	Conservation Mason	2.00				2.0	Per Day	1850	3700	
2	Skilled Cooly	1.50				1.5	Per Day	1850	2775	LB-024
3	Bahishti	0.25				0.3	Per Day	1425	356	LB-017
	Labour for Lime Mortar									
1	Skilled Cooly	0.50				0.5	Per Day	1850	925	LB-024
2	Bahishti	0.25				0.3	Per Day	1425	356	LB-017
	Total								8113	
	Sundries @ 10%								811	
	Total With Sundries								8924	
	10% Contractor profit + 10%Overhead								1785	
	Total "B"								10709	
	Labour Per Sft						Sft		107	
	Labour Per Sqm						Sqm		1153	
	Composite									
	Per Sft						Sft		144	
	Per Sqm						Sqm		1553	

RATE ANALYSIS NO. 31										Ref.
Title: Stucco Tracery Work 3.5" Thick:										MRS 2025 1ST
Description :										
	Restoring or Apply New stucco tracery work including plaster and panneling as per original colour and design 3" thick on avg base coat 1:2:3/4 (one fine kankar lime: 2 coarse kankar lime: ¾ white lime cream) strengthened with 3.5 kg chopped jute. 1/2" thick finishing layer with 1:3 (1 white lime : 3 Fine kankar lime) over plaster base layer, including curing, protection of adjacent surfaces complete to the satisfaction of Site Incharge. (Pucca Qali & Fresco not Included)									
RATE ANALYSIS FOR 100 sft										
Sr.	Details	No.	L	W	H/D	Qty	Unit	Rate	Total	
A)	Wall Surface	1	10	10		100	sft			
a	3" surface of Base Layer	1	10	10	0.25	25.0	cft			
	Dry Mortor (Constant 1.54)					38.5	cft			
	Lime Ratio 3/4 : 1 : 2					10.3	cft			
1	White Lime 3/4					7.7	cft	1200	9240	MRK Rate
2	Fine Kankar Lime 1					10.3	cft	640	6571	MRK Rate
3	Coarse Kankar Lime 2					20.5	cft	420	8624	MRK Rate
b	1/2" Surface Finishing Layer	1	10.0	10	0.04	4.17				
	Dry Mortor (Constant 1.2)					5.00	cft			
	1 White Lime : 3 Kankar Lime (4 Each Part)					1.25	cft			
1	White Lime Quantity (1 Part)					1.25	cft	1200	1500	MRK Rate
2	Fine Kankar Lime Quantity (3 Parts)					3.75	cft	640	2400	MRK Rate
	Chopped Jute 3.5 kg					3.50	Kg	150	525	11.001
	Total								28860	
	10% Contractor profit + 10%Overhead								5772	
	Total "A"								34632	
	Per Sft						Sft		346	
	Per Sqm						Sqm		3728	
B)	Labour									
a	Base Layer 3" Thick									
1	Conservation Mason	8.0				1.0	Day	1850	14800	LB-040
2	Conservation Cooly	8.0				1.0	Day	1850	14800	LB-040
3	Bahishti	1.0				1.0	Day	1425	1425	LB-017
b	Final Layer, 1/2" Thick									
1	Conservation Mason	3.0				1.0	Day	1850	5550	LB-040

2	Conservation Cooly	1.0				1.0	Day	1850	1850	LB-040
3	Bahishti	0.5				1.0	Day	1425	713	LB-017
c	Labour for Lime Mortar									
1	Conservation Cooly	1.0				1.0	Day	1850	1850	LB-040
2	Bahishti	0.5				1.0	Day	1425	713	LB-017
d	Making Stucco Tracery Design									
1	Conservation Mason	20.0				1.0	Day	1850	37000	LB-040
2	Conservation Cooly	10.0				1.0	Day	1850	18500	LB-040
	Total								97200	
	Sundries @ 10%								9720	
	Total With Sundries								106920	
	10% Contractor profit + 10%Overhead								21384	
	Total "B"								128304	
	Labour Per Sft						Sft		1283	
	Labour Per Sqm						Sqm		13811	
	Composite									
	Per Sft						Sft		1629	
	Per Sqm						Sqm		17538	

RATE ANALYSIS NO. - 32										Ref.
Title: Ghalib Kari Work 3" Thick:										MRS 2025 1ST
Description :										
	Restoring or Apply New Ghalib Kari work 3" thick an average in geometrical design on plaster base (1:3:4) (1 White Lime , 3 Fine Lime, 4 Kankar Lime) consisting of 2 1/2" thick base in two layers and 1/2" finishing layer of kankar lime plaster 1:3 (1 White Lime. 3 Fine kankar lime) mixed with chopped jute over plaster base layer, including curing, protection of adjacent surfaces making geometrical designs as per original. complete to the satisfaction of Site Incharge. (Pucca Qali & Fresco not Included)									
RATE ANALYSIS FOR 100 sft										
Sr.	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Wall Surface	1	10	10		100.0	sft			
a	2.5" surface of Base Layer	1	10	10	0.21	20.8	cft			
	Dry Mortor (Constant 1.54)					32.1	cft			
	Lime Ratio 1 : 3 : 4					4.0	cft			
1	White Lime 1					4.0	cft	1200	4813	MRK Rate
2	Fine Kankar Lime 3					12.0	cft	640	7700	MRK Rate
3	Coarse Kankar Lime 2					16.0	cft	420	6738	MRK Rate
b	1/2" Surface Finishing Layer	1	10.0	10	0.04	4.17				
	Dry Mortor (Constant 1.2)					5.00	cft			
	1 White Lime : 3 Kankar Lime (4 Each Part)					1.25	cft			
1	White Lime Quantity (1 Part)					1.25	cft	1200	1500	MRK Rate
2	Fine Kankar Lime Quantity (3 Parts)					3.75	cft	640	2400	MRK Rate
	Chopped Jute 3.5 kg					3.50	Kg	150	525	11.001
	Total								23675	
	10% Contractor profit + 10%Overhead								4735	
	Total "A"								28410	
	Per Sft						Sft		284	
	Per Sqm						Sqm		3058	
B)	Labour									
a	Base Layer 2.5" Thick									
1	Conservation Mason	8.00				1.00	Day	1850	14800	LB-040
2	Conservation Cooly	10.00				1.00	Day	1850	18500	LB-040
3	Bahishti	1.00				1.00	Day	1425	1425	LB-017

b	Final Layer, 1/2" Thick									
1	Conservation Mason	3.00				1.00	Day	1850	5550	LB-040
2	Conservation Cooly	2.00				1.00	Day	1850	3700	LB-040
3	Bahishti	0.50				1.00	Day	1425	713	LB-017
c	Labour for Lime Mortar									
1	Conservation Cooly	1.00				1.00	Day	1850	1850	LB-040
2	Bahishti	0.50				1.00	Day	1425	713	LB-017
d	Making Ghalib Kari Geometrical Design									
1	Conservation Mason	24.00				1.00	Day	1850	44400	LB-040
2	Conservation Cooly	12.00				1.00	Day	1850	22200	LB-040
	Total								113850	
	Sundries @ 10%								11385	
	Total With Sundries								125235	
	10% Contractor profit + 10% Overhead								25047	
	Total "B"								150282	
	Labour Per Sft						Sft		1503	
	Labour Per Sqm						Sqm		16176	
	Composite									
	Per Sft						Sft		1787	
	Per Sqm						Sqm		19234	

RATE ANALYSIS NO. 33										Ref.
Title: Pucca Qalai for Decorative Patterns (Glazed Lime layer on Plaster) / Local Name: Jila										MRS 2025 1ST
Description :										
	Pucca Qalai, Glazed lime plaster for decorative patterns over ghalib qari and stucco tracery work (Local Name: Jila) layer used over the finished lime plaster surface which is an average 1/8" thick 1 part white lime cream and 2 part marble powder finished with suitable quantity of Sang-i-Jarahat (soap stone) powder in decorative work complete in all respects.									
RATE ANALYSIS FOR 100 sft										
Sr.	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Wall Surface	1	10.0	10.0		100	sft			
	Cosider Lime Mortor Thickness 1/8"	1	10.0	10.0	0.010	1.04	cft			
	Wastage 20%					0.21	cft			
	Total Mortor Required					1.25	cft			
	Dry Mortor (Constant 1.2)					1.50	cft			
	1 White Lime : 2 marble powder (3 each part)					0.50	cft			
1	White Lime Quantity (1 Part)					0.50	cft	1200	600	MRK Rate
2	Marble Powder Quantity (2 Parts)					1.00	cft			
	1 Cft of Marble Powder 76.76 (2.69 g / cu.cm)					76.76	kg	5	384	10.017
3	Sang-i-Jarahat Powder					1.00	Kg	800	800	MRK Rate
	Total								1784	
	10% Contractor profit + 10%Overhead								357	
	Total "A"								2141	
	Per Sft						Sft		21	
	Per Sqm						Sqm		230	
B)	Labour:									
a	For Glazed Layer									
1	Conservation Mason	2.00				1.0	Day	1850	3700	LB-040
2	Conservation Cooly	2.00				1.0	Day	1850	3700	LB-040
3	Surface Conservator	2.00				1.0	Day	1850	3700	LB-040
b	Labour for Mortar									
1	Conservation Cooly	0.50				1.0	Day	1850	925	LB-040
2	Bahishti	0.50				1.0	Day	1425	713	LB-017
c	Making Ghalib Kari Geometrical Design									
1	Kashikar / Naqqash	4.00				1.0	Day	1850	7400	LB-040
2	Conservation Cooly	4.00				1.0	Day	1850	7400	LB-040

	Total				27538	
	Sundries @ 10%				2754	
	Total With Sundries				30291	
	10% Contractor profit + 10% Overhead				6058	
	Total "B"				36350	
	Labour Per Sft			Sft	363	
	Labour Per Sqm			Sqm	3913	
	Composite					
	Per Sft			Sft	385	
	Per Sqm			Sqm	4143	

RATE ANALYSIS NO. 34										Ref.
Title: Fresco Painting (New Work)										MRS 2025 1ST
Description :										
	Subsequent replication of Naqqashi / Fresco painting 100 % New as per original design and colour etc complete in all respects.									
	UNIT OF RATE = PER 1 Sft									
Sr.	Description	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Material:									
1	Cost of Lime, Marble Powder and Pigments etc.	-				1.0	L/S	450	450	MRK Rate
	10% Contractor profit + 10%Overhead								90	
	Total "A"								540	
	Per Sft						Sft		540	
	Per Sqm						Sqm		5813	
B)	Labour:									
1	Surface Conservator	1.50				1.0	Day	1850	2775	
2	Kashikar / naqqah	0.50				1.0	Day	1850	925	
3	Conservation Cooly	0.50				1.0	Day	1850	925	
	Total								4625	
	Sundries @ 10%	-					-	-	463	
	Total With Sundries								5088	
	10% Contractor profit + 10%Overhead								1018	
	Total "B"								6105	
	Labour Per Sft						Sft		6105	
	Labour Per Sqm						Sqm		65714	
	Composite									
	Per Sft						Sft		6645	
	Per Sqm						Sqm		71526	

RATE ANALYSIS NO. 35										Ref.
Title: Fresco Painting (Repair Work)										MRS 2025 1ST
Description :										
Restoration of faded Fresco painting (50% of New) as per original design and colour etc complete in all respects)										
	UNIT OF RATE = PER 1 Sft									
Sr.	Description	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Material:									
1	Cost of Lime, Marble Powder and Pigments etc.	-				1.0	L/S	250	250	MRK Rate
	10% Contractor profit + 10%Overhead								50	
	Total "A"								300	
	Per Sft						Sft		300	
	Per Sqm						Sqm		3229	
B)	Labour:									
1	Surface Conservator	1.00				1.0	Day	1850	1850	
2	Kashikar / Naqqash	0.75				1.0	Day	1850	1388	
3	Conservation Cooly	0.25				1.0	Day	1850	463	
	Total								3700	
	Sundries @ 10%	-					-	-	370	
	Total With Sundries								4070	
	10% Contractor profit + 10%Overhead								814	
	Total "B"								4884	
	Labour Per Sft						Sft		4884	
	Labour Per Sqm						Sqm		52571	
	Composite									
	Per Sft						Sft		5184	
	Per Sqm						Sqm		55800	

RATE ANALYSIS NO. 36										Ref.
Title: Fresco Painting (Linning Work, New)										MRS 2025 1ST
Description :										
Subsequent replication of Naqqashi / Fresco Lining 100 % New (Linnig work consider 1/4 of 100% New Fresco Painiting) over ghalib qari and stucco tracery work as per orignal design and colour etc complete in all respects.										
	UNIT OF RATE = PER 1 Sft									
Sr.	Description	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Material:									
1	Cost of Lime, Marble Powder and Pigments etc.					1.0	L/S	150	150	MRK Rate
	10% Contractor profit + 10%Overhead								30	
	Total "A"								180	
	Per Sft						Sft		180	
	Per Sqm						Sqm		1938	
B)	Labour:									
1	Surface Conservator	0.25				1.0	Day	1850	463	
2	Kashikar / Naqqash	0.25				1.0	Day	1850	463	
3	Conservation Cooly	0.13				1.0	Day	1850	241	
	Total								1166	
	Sundries @ 10%	-					-	-	117	
	Total With Sundries								1282	
	10% Contractor profit + 10%Overhead								256	
	Total "B"								1538	
	Labour Per Sft						Sft		1538	
	Labour Per Sqm						Sqm		16560	
	Composite									
	Per Sft						Sft		1718	
	Per Sqm						Sqm		18497	

RATE ANALYSIS NO. 37										Ref.
Title: Fresco Painting (Linning Work 50 % Restoration)										MRS 2025 1ST
Description :										
Restoration of Faded Fresco Lining 50% New of new Linning work over ghalib qari and stucco tracery work as per original design and colour etc complete in all										
	UNIT OF RATE = PER 1 Sft									
Sr.	Description	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Material:									
1	Cost of Lime, Marble Powder and Pigments etc.	-				1.00	L/S	75	75.00	
	10% Contractor profit + 10%Overhead								15.00	
	Total "A"								90.00	
	Per Sft						Sft		90.00	
	Per Sqm						Sqm		968.75	
B)	Labour:									
1	Surface Conservator	0.25				1.00	Day	1850	462.50	LB-040
2	Kashikar / Naqqash	0.06				1.00	Day	1850	111.00	LB-040
3	Conservation Cooly	0.06				1.00	Day	1850	111.00	LB-040
	Total								684.50	
	Sundries @ 10%	-					-	-	68.45	
	Total With Sundries								752.95	
	10% Contractor profit + 10%Overhead								150.59	
	Total "B"								903.54	
	Labour Per Sft						Sft		903.54	
	Labour Per Sqm						Sqm		9725.62	
	Composite									
	Per Sft						Sft		993.54	
	Per Sqm						Sqm		10694.38	

RATE ANALYSIS NO. 38										Ref.
Title: Fresco Painting (Border Work)										MRS 2025 1ST
Description :										
	Subsequent replication of Naqqashi / Fresco Lining 100 % New (Linnig work in Rft unit consider 1/8 of 100% New Fresco Painiting) For Boarder of resessed niches door windows or any element around as per original design and colour etc complete in all respects.									
	UNIT OF RATE = PER 1 Rft									
Sr.	Description	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
A)	Material:									
1	Cost of Lime, Marble Powder and Pigments etc.	-				1.0	L/S	75.0	75	
	10% Contractor profit + 10%Overhead								15	
	Total "A"								90	
	Per Rft						Rft		90	
B)	Labour:									
1	Surface Conservator	0.13				1.0	Day	1850.0	241	LB-040
2	Kashikar / naqqah	0.13				1.0	Day	1850.0	241	LB-040
3	Conservation Cooly	0.07				1.0	Day	1850.0	130	LB-040
	Total								611	
	Sundries @ 10%	-					-	-	61	
	Total With Sundries								672	
	10% Contractor profit + 10%Overhead								134	
	Total "B"								806	
	Labour Per Rft						Rft		806	
	Labour Per Rm						Rm		2644	
	Composite									
	Per Rft						Rft		896	
	Per Rm						Rm		2939	

Rate Analysis 39						
Title: Surface Dry Cleaning						
Description						
Removing of different layers of paints and loose pointing mortar from the façade inside / outside through sand blasting with complete in all respect as per instructions of site engineer.						
Detail		Unit Rate Per 100Sft				
		Qty		Rate per Unit	Amount (Rs.)	Ref.
A)	MATERIAL					MRS 2025 1ST
1	Sand	100.00	Cft	86.6	8,660	
2	reused sand 50%	50.00	Cft	86.6	4,330	
	amount payable for sand				4,330	
3	50 cft Machine of Sand Blasting & 25 hp air compressor	3.00	hr	250.0	750	
3	Total				5,080	
B)	LABOUR					
i	2 No.Skilled Cooly	2.00	No.	1850.00	3,700	LB-029
ii	2 No.Cooly	1.00	No.	1425.00	1,425	LB-024
	For Collecting Sand					
i	1/2 No. Cooly	0.50	No.	1425.00	713	
	Total				5,838	
	Sundries @10%				584	
	Total (B)				6,421	
	Total A+B				11,501	
	Adding 20% contractor profit + Overhead Charges					
	Total per 100 Sft				13,802	
	Total per sft				138	

Rate Analysis 40						
Title: Chemical Treatment						
Description						
Cleaning of the surface by anti-sulfate water. Supplying & Applying primer coat of B.Acry (anti-sulfate transparent coating) by point gun machine with compressor pump complete in all respect as per instructions of site engineer.						
Detail			Unit Rate Per 100Sft			
			Qty	Rate per Unit	Amount (Rs.)	Ref.20251ST
A)	MATERIAL					
1	Chemical	100.00	Sft	90.0	9,000.00	Qoutation
	Total				9,000.00	
	Adding 20% contractor profit + Overhead Charges					
	Total per 100 Sft				10,800.00	
	Total per sft				108.00	

RATE ANALYSIS NO. 41							Ref.
Title: Minor Repairing of Doors							MRS 2025 1ST
Description:							
	Minor Repairing works of existing wooden items (doors, windows and ventilators) includes fixing Open-Close issues and installing all new hardwares like tower bolt, hinges and earl drawer / Locking arrangments etc, as per the satisfaction of Site Incharge:						
Detail				Unit Rate , Each			
				Qty		Rate	
A	Material						
1	Brass Hinges 125mm	4.0	each	320	each	1280	12.047
2	Barass Tower Bolts 300mm	2.0	each	575	each	1150	12.048
3	Handle	4.0	each	128	each	512	12.063
4	locking arrangement etc.	1.0	each	216	each	216	25.056
	Total A					3158	
	10% Contractor profit + 10%Overhead					632	
	Grand Total (A)				Each	3790	
B	LABOUR						
	Conservation Carpenter	1.0	Nos	1850	per day	1850	LB-029
	Total					1850	
	Sundries @10%					185	
	10% Contractor profit + 10%Overhead					407	
	Grand Total (B)				each	2442	
	Composite Rates						
	A + B				Each	6232	

RATE ANALYSIS NO. 42							Ref.
Title: Repairing of Doors with Deodar Wood							
Description:							
	Major Repairing works of existing wooden items (doors, windows and ventilators) including removal of damaged portion, repairing and rectifying damage and reinstalling to match with existing including all new hardwares like tower bolt, hinges and earl drawer / Locking arrangments etc, Fix Opening and closing issues as per the satisfaction of Site Incharge:						MRS 2025 1ST
Rate analysis for 28 sft Door Penal only							
Detail		Unit Rate per 28 sft					
		Qty		Rate		Amount	
A	Material						
1	door leaf frame (30.99 X 0.125' X 0.33')	1.278	Cft				
	Wooden panelled (6' X 3.33' X 0.125')	2.50	Cft				
	Wastage @ 10% of 1 & 2	0.38	Cft				
	Total Wood Required for 4' x 7'= 28 sft Penal only	4.16	Cft				
	Considering 30% Damages wood required to replace	1.25	Cft	12300	cft	15335	12.002
2	Brass Hinges 125mm	4.00	each	350	each	1400	12.047
3	Barass Tower Bolts 300mm	2.00	each	575	each	1150	12.048
4	Handle	4.00	each	128	each	512	12.063
5	locking arrangement etc.	1.00	each	875	each	361	25.056
6	nail	0.250	Kg.	350	per Kg	88	12.148
7	glue	0.100	Kg.	300	per Kg	30	12.039
	Total					18875	
	10% Contractor profit + 10%Overhead					3775	
	Grand Total (A)					22650	
	Per Sft				Sft	809	
	Per Sqm				Sqm	8707	
B	LABOUR						
	Conservation Carpenter	1.50	Nos	1850	per day	2775	
	Conservation Helper	1.25	Nos	1850	per day	2313	
	Total					5088	
	Sundries @10%					509	
	Total (B)					5596	
	10% Contractor profit + 10%Overhead					1119	
	Grand Total (B)					6716	
	Labour Per Sft				Sft	240	
	Labour Per Sqm				Sqm	2582	

	Composite Rate					
	Per Sft			Sft	1049	
	Per Sqm			Sqm	11289	

RATE ANALYSIS NO. 43										Ref.
Title: Kail Wood Door.										
Description:										
	First class Kail wood wrought joinery in doors and windows etc. panelled or panelled or glazed or fully glazed fixed in position including chowkhat, hold fast, hinges, tower bolt rubber stop cleats/G I clamp, handles and chord with hooks etc. complete (excluding sliding bolts or lock) inculding termite profing.									MRS 2025 1ST
i)	Thickness 1 1/2" 40mm of Door penals									
ii)	Chokat Fram 2.5" x 3.5" cross section									
Rate Analysis for (4 x 6.75) 27sft										
Sr.	Description	Nos.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
A	Materials									
1	Chokat Fram 3 sides (2.5"x3.5" Cross Section)									
i	Vertical Post	2	6.75	0.20	0.30	0.81				
ii	Top Horizontal Post	1	4	0.20	0.30	0.24				
2	Door Penal (Double Leaf) (3.5' x 6.5')									
i	Frame Horizontal Posts (Top-Bottom)	4	1.8	0.3	0.1	0.3				
ii	Frame Horizontal Posts (central)	2	1.8	0.5	0.1	0.2				
iii	Frame Vertial Posts (Both Edges of penals)	4	6.8	0.3	0.1	1.1				
iv	Penals (Dilas)	4	2.7	1.1	0.1	1.4				
	Total Wood Required					4.1				
	Wastage 15%					0.6				
	Total Wood					4.7	cft	3600	17006	12.005
	10% Contractor profit + 10%Overhead								3401	
	Total for 27 Sft.								20407	
	Rate Per Sft						sft		756	
B	Fitting									
1	Hinges 4" (100mm)	6					Each	245	1470	12.076
2	Tower Bolts 9" (225mm) (Brass)	3					Each	495	1485	12.049
3	Handles 6" (150mm) (Iron)	3					Each	225	675	12.055
4	Iron Hold Fast (for Door/window)	6					Each	113	678	12.053
5	Rubber Pad (Stopper)	2					Each	108	216	12.110
6	G.I Hook & Clamps (Doors & Windows)	2					Each	100	200	12.108
7	Screws / Nail	2.5					Doz.	45	112.5	12.122
8	Glue (Bottle) Best Quality	0.5					Kg	300	150	12.139
9	Spike (Nails)	0.5					Kg	350	175	12.148
	Total								5162	

	10% Contractor profit + 10% Overhead								1032.30	
	Total for 27 Sft.								6194	
	Rate Per Sft						sft		229.40	
C	Labour									
1	Carpenter	6					Nos.	1850	11100	LB-029
2	Skilled Cooly	3					Nos.	1850	5550	LB-024
	Total								16650	
	Sundries 10%								1665	
	Total								18315	
	10% Contractor profit + 10%Overhead								3663	
	Total for 27 Sft.								21978	
	Rate Per Sft						sft		814	
D	MRS Items									
1	Spraying anti-termite liquid mixed with water in the ratio of	2	4		6.75	54	sft	12	648	Ch 26, item 42
2	Carriage of consignments job. Cooly load for distance:- Upto 5 Km, From circular road to site.	3				3	each	109.7	329	Ch 1, item 16 i a
	Rate Per Sft						sft		36	
	Composite Rate Per Sft						sft		1835	

RATE ANALYSIS NO. 44 a										Ref.
Title: Wooden Chowkat 2.5" x 3.5" Kail										MRS 2025 1ST
Description:										
	Providing and fixing chowkat Cross Section 2.5" x 3.5" for ordinary and light weight doors like bath kitchens, of undergiven type wood for doors, windows and C.windows, ventilators including holdfast, etc.complete.									
i	Kail Wood									
Rate Analysis for Door (4 x 6.75) 13.5 Rft										
Window (4 x 6) 20 Rft										
Ventilator (4 x 2) 12 Rft										
Total: 45.5 Rft										
Sr.	Description	Nos.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
A	Materials									
1	Chokat Fram 3 sides (2.5"x3.5" Cross Section)									
i	Vertical Post	2	6.75	0.21	0.291	0.82				
ii	Top Horizontal Post	1	4	0.21	0.291	0.24				
2	Chokat Fram 4 sides (4x6 window)									
i	Vertical Post	2	6	0.21	0.291	0.73				
ii	Top Bottom Horizontal Post	2	4	0.21	0.291	0.48				
3	Chokat Fram 4 sides (4x2 ventilator)									
i	Vertical Post	2	2	0.21	0.291	0.24				
ii	Top Bottom Horizontal Post	2	4	0.21	0.291	0.48				
	Total Wood Required					3.00				
	Wastage 15%					0.45				
	Total Wood					3.45	cft	3600	12404	12.005
4	Iron hold fast (for doors/windows)	16					Each	113	1808	12.053
7	Screws / Nail	2.5					Doz.	48	120	12.122
8	Glue (Bottle) Best Quality	0.75					Kg	300	225	12.139
9	Nail	0.75					Kg	350	263	12.148
	Total								14820	
	10% Contractor profit + 10%Overhead								2964	
A	Grand Total								17783	
	Per Rft						Rft		391	
	Per Rm						Rm		1282	
B	Labour									
1	Conservation Carpenter	2.5					Nos.	1850	4625	CLB-006
2	Conservation Helper	2.5					Nos.	1850	4625	CLB-002

	Total								9250	
	Sundries 10%								925	
	Total								10175	
	10% Contractor profit + 10% Overhead								2035	
B	Total								12210	
	Per Rft						Rft		268	
	Per Rm						Rm		880	
	Composite Rate									
	Per Rft						Rft		659	
	Per Rm						Rm		2163	

RATE ANALYSIS NO. 45 b										Ref.
Title: Wooden Chowkat 2.5" x 3.5" Deodar										MRS 2025 1ST
Description:										
	Providing and fixing chowkat Cross Section 2.5" x 3.5" for ordinary and light weight doors like bath kitchens, of undergiven type wood for doors, windows and C.windows, ventilators including holdfast, etc.complete.									
ii	Deodar Wood									
Rate Analysis for Door (4 x 6.75) 13.5 Rft										
Window (4 x 6) 20 Rft										
Ventilator (4 x 2) 12 Rft										
Total: 45.5 Rft										
Sr.	Description	Nos.	L	W	H/D	Qty	Unit	Rate	Amount	Ref.
A	Materials									
1	Chokat Fram 3 sides (2.5"x3.5" Cross Section)									
i	Vertical Post	2	6.8	0.2	0.3	0.8				
ii	Top Horizontal Post	1	4	0.2	0.3	0.2				
2	Chokat Fram 4 sides (4x6 window)									
i	Vertical Post	2	6	0.2	0.3	0.7				
ii	Top Bottom Horizontal Post	2	4	0.2	0.3	0.5				
3	Chokat Fram 4 sides (4x2 ventilator)									
i	Vertical Post	2	2	0.2	0.3	0.2				
ii	Top Bottom Horizontal Post	2	4	0.2	0.3	0.5				
	Total Wood Required					3.0				
	Wastage 15%					0.4				
	Total Wood					3.4	cft	12300	42380	12.005
4	Iron hold fast (for doors/windows)	16					Each	113	1808	12.053
7	Screws / Nail	2.5					Doz.	48	120	12.122
8	Glue (Bottle) Best Quality	0.75					Kg	300	225	12.139
9	Nail	0.75					Kg	350	263	12.148
	Total								44796	
	10% Contractor profit + 10%Overhead								8959	
A	Grand Total								53755	
	Per Rft						Rft		1181	
	Per Rm						Rm		3876	
B	Labour									
1	Conservation Carpenter	2.5					Nos.	1850	4625	LB-024
2	Conservation Helper	2.5					Nos.	1260	3150	LB-061

	Total								7775	
	Sundries 10%								778	
	Total								8553	
	10% Contractor profit + 10% Overhead								1711	
B	Total								10263	
	Per Rft						Rft		226	
	Per Rm						Rm		740	
	Composite Rate									
	Per Rft						Rft		1407	
	Per Rm						Rm		4616	

Rate Analysis: 45										Ref.
Title: Deodar Wooden Flooring										MRS 2025 1ST
Description										
Providing ,Making & Fixing of 1st class deodar wooden floor 1" thick deodar wood planks , over wooden frame of 1" x 2" Deodar strips frame c / c distance 1' x 1' . including cost of nails, glue, polish, etc.complte in all respects as per design & as per instructions of site incharge.										
	UNIT OF RATE = PER 100 Sft									
Sr.	Description	No.	L	W	H/D	Qty	Unit	Rate	Amount	
A)	MATERIAL									
	Deodar Wood 1st Class	1	10	10	0.08	8.3	Cft			
	Wastage 5 % of Top Planks					0.4	Cft			
1	Total Deodar Wood 1st Class (For Planks)					8.8	Cft	12600	110250	12.002
	Deodar Wood 1st Class for Frame 1" x 2" Cross Section Strips 22 Nos.	22	10	0.08	0.17	3.1	Cft			
	Wastage 5 % of Frame					0.2	Cft			
2	Total Deodar Wood 1st Class					3.2	Cft	12600	40425	12.002
3	Nails					2.0	Kg	350	700	12.148
4	Glue (Best Quality)					2.0	Kg	300	600	12.039
	Total								151975	
	10% Contractor's Profit + 10% Overhead								30395	
	Grand Total "A"								182370	
	Per Sft						Sft		1824	
	Per Sqm						Sqm		19630	
B)	LABOUR									
	For Sawing Wood, & Making Floor									
1	Conservation Carpenter	4				1.00	Day	1850	7400	LB-024
2	Carving Helper	4				1.00	Day	1850	7400	LB-061
	Total								14,800	
	Sundries @ 10%								1,480	
	Total with Sundries								16,280	
	10% Contractor's Profit + 10% Overhead								3,256	
	Grand Total "B"								19,536	
	Labour Rate per Sft						Sft		195	
	Labour Rate per Sqm						Sqm		2,103	
	Composite Rates									
	Per Sft						Sft		2,019	
	Per Sqm						Sqm		21,733	

Rate Analysis: 46										Ref.
Title: Wooden Ceiling (Tarseen Bandi)										MRS 2025 1ST
Description										
Providing and Fixing Wooden Ceiling (Tarseen Bandi) with frame including cost of frame work,wooden brackets, finish, nails, nuts.etc complete in all respects using deodar Wood Match with existing design including carving for patterns complete in all respects as per instructions of site incharge.										
	UNIT OF RATE = PER 1 Sft									
Sr.	Description	No.	L	W	H/D	Qty	Unit	Rate	Amount	
A)	MATERIAL									
1	Deodar Wood 1st Class (for Panels, Gola & Stars etc.	1	1	1	0.13	0.13	Cft	12600	1575	12.002
2	Nails,Screw & Glue etc					1.00	L/S	50	50	
	Total								1625	
	10% contractor's profit + 10% overhead								325	
	Grand Total "A"								1950	
	Per Sft						Sft		1950	
	Per Sqm						Sqm		20990	
B)	LABOUR									
	For Preparing Designs and Also Grooving in Wooden Piece									
1	Conservation Carpenter	0.5				1.00	Day	1850	925	LB-024
2	Carving Craftsman	1				1.00	Day	1850	1850	LB-025
	For Fixing in Position									
1	Conservation Carpenter	0.3				1.00	day	1850	463	CLB-006
2	Conservation Helper	0.3				1.00	day	1850	463	CLB-002
	Total								3700	
	Sundries 10%								370	
	Total After Sundries								4070	
	10% contractor's profit + 10% overhead								814	
	Grand Total "B"								4884	
	Labour Rate per Sft						Sft		4884	
	Labour Rate per Sqm						Sqm		52571	
	Composite Rate									
	Per Sft						Sft		6834	
	Per Sqm						Sqm		73561	

Rate Analysis: - 47										Ref.
Title: Wooden Ceiling (Deodar Wood)										MRS 2025 1ST
Description										
Providing and Fixing Wooden Ceiling for RCC / RBC / Vaulted / T-Iron Roof, consist 4" wide and 3/4" thick Wooden Strips with tongue and grove joint on both edges. fixed over wooden 1.5" x 2" strips, 4' x 4' frame with Down supports 4" x 4" as per requirments at every junction of 4' x 4' frame. Edges of Ceiling Suports with 3" wide boarder Gola including cost of nails, nuts glu.etc complete in all respects using under given type wood complete in all respects as per instructions of site incharge.										
UNIT OF RATE = PER 144 Sft										
Sr.	Description	No.	L	W	H/D	Qty	Unit	Rate	Amount	
A)	MATERIAL									
	Room Area	1	12	12		144	Sft			
i	Wooden Frame 2' x 1', Strips size 1.5" x 2"	8	12	0.17	0.13	2	Cft			
ii	Bottom Surface of Ceiling Strips 3/4" thick and 4" Wide	1	12	12	0.06	9	Cft			
iii	Down Supports at Junction of Frame	4	0.33	0.333	1	0.44	Cft			
iv	Border Gola 50 % Chamfer Design	0.5	48	0.25	0.25	1.5	Cft			
v	Total Wood					12.94				
vi	Overlapping & Wastage @ 10%					1.294	Cft			
1	Total Required Wood					14.2	Cft	12600	179410	
2	Nail					2.0	Kg	350	700	12.148
3	Glue					2.0	Kg	300	600	12.039
	Total								180710	
	10% contractor's profit + 10% overhead								36142	
	Grand Total "A"								216852	
	Per Sft						Sft		1506	
	Per Sqm						Sqm		16210	
B)	LABOUR	Nos.			Day	Total				
	For Preparing Designs and Also Grooving in Wooden Piece									
1	Conservation Carpenter	2			3	6.00	Day	1850	11100	
2	Conservation Helper	2			3	6.00	Day	1425	8550	
	For Fixing in Position									
1	Conservation Carpenter	1			1	1.00	day	1850	1850	
2	Conservation Helper	1			1	1.00	day	1425	1425	
	Total								22925	
	Sundries 10%								2293	
	Total After Sundries								25218	
	10% contractor's profit + 10% overhead								5044	
	Grand Total "B"								30261	
	Labour Rate per Sft						Sft		210	
	Labour Rate per Sqm						Sqm		2262	
	Composite Rate									
	Per Sft						Sft		1716	
	Per Sqm						Sqm		18472	

Rate Analysis 48							
Description							
Providing and Fixing wooden Ceiling with frame including cost of frame work, wooden brackets, scaffolding, finish, nails, nuts, etc complete in all respects using deodar Wood and as per existing design as per instructions of site incharge.							
Detail	Nos	Unit Rate Per 560Sft					
		Qty		Rate per Unit	Amount (Rs.)	Ref.MRS 2025 1ST	
A) MATERIAL							
Kail Wood							
1 Wooden Frame (28'x3"x3")	15	1.75	26.25				
2 Wooden Frame (20'x3"x3")	20	1.25	25.00				
3 Wooden vertical frame post (2'-6"x3"x3")	300	0.16	46.88				
4 Wooden Extra Frame Stips (28'x3"x3")	20	1.75	35.00				
Total			133.13	Cft			
7 Wastage @ 10%			13.31	Cft			
Total Quantity			146.44	Cft	3600.0	527,175	MAT 12.005
Deodar Wood							
8 Wooden Panels (11.54' x 6" x1")	39	0.46	18.00				
9 Wooden horizontal panels (deodar Wood) (16'x6"x1")	16	0.64	10.24				
10 Wooden longitudinal panels (deodar Wood) (24'x6"x1")	16	0.96	15.36				
Wooden Extra Side Patti (12'x4"x3")	2	1.32	2.64				
Wooden Extra Brackets (16'x4"x3")	2	0.99	1.98				
5 Wooden Extra Brackets (20'x4"x3")	2	1.65	3.30				
6 Wooden Extra Bracets (28'x4"x3")	2	2.31	4.62				
Total			56.14	Cft			
11 Wastage @ 10%			5.61	Cft			
12 Total Quantity	Total		61.76	Cft	12300.0	759,607	MAT 12.002
Total Wood						1,286,782	
Nail	1.00	10.0		Kg	350	3,500	MAT 12.124
Glue	1.00	10.0		Kg	300	3,000	MAT 12.039
Total Quantity						1,293,282	
B) LABOUR							
a) For Cutting & Sawing							
i 2 No. Carpenter for 7 Days		14.00		No.	1850.00	25,900	LB-029
ii 3 No.Helper for 7 days		21.00		No.	1425.00	29,925	LB-061
b) For Vertical Post Work & Extra Strips							
i 4 No. Carpenter 5 days		20.00		No.	1850.00	37,000	LB-029
ii 4 No.Helper for 5 Days		20.00		No.	1425.00	28,500	LB-061
c) For Frame Work							
i 3 No. Carpenter for 4 Days		12.00		No.	1850.00	22,200	LB-029
ii 4 No. Helper for 4 Days		16.00		No.	1425.00	22,800	LB-061
d) For Lower panels							
i 4 No. Carpenter 4 Days		12.00		No.	1850.00	22,200	LB-029
ii 5 No.Helper for 4 Days		20.00		No.	1425.00	28,500	LB-061
Total						217,025	
Sundries @10%						21,703	
Total (B)						238,728	
Scaffolding 10%						23,873	
Total (B)						262,600	

	Total A+B						1,555,882	
	Adding 20% contractor profit + Overhead Charges						311,176	
	Total per 560 Sft						1,867,058	
	Total per sft						3,334	

Rate Analysis 49

Title: Wooden Katehra:

Description

Providing new wood work in katehras including horizontal safety rail of size under given types wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect including all hardware.

Panelled having a 75mm x 38mm thick frame and 38mm thick panels.

Rate analysis for 6 Sft

Detail		Unit Rate per 6 Sft				Reference MRS 2025 1ST
		Qty		Rate per Unit (Rs.)		Amount (Rs.)
A	Material					
	DeoDar Wood:					
	Frame (0.25' x 0.125' x 12')	0.375	Cft	12300	per Cft	4,613
	2 Pannels (2 x 1.125' x 1.5' x 0.125')	0.422	Cft	12300	per Cft	5,189
	Horizontal Rail (0.25' x 0.125' x 2.5')	0.078	Cft	12300	per Cft	961
	Wastage @ 10%	0.088	Cft	12300	per Cft	1,076
	Nail	0.25	Kg.	350	per Kg	88
	Glu	0.25	Kg.	300.00	per Kg	75
	Total					12,001
	After Adding 10% Contractor profit + 10%Overhead					14,402
	Per Sft				Sft	2,400
	Per Sqm				Sqm	25,836
B	LABOUR					
	Conservation Carpenter	1.50	Nos	1850.00	per day	2,775
	Sundries @10%					278
	After Adding 10% Contractor profit + 10%Overhead					3,663
	Per Sft				Sft	611
	Per Sqm				Sqm	6,571
	Composite Rate					
	Per Rft				Sft	3,011
	Per Rm				Sqm	32,407

Rate Analysis- 50

Title: Repairing of Katehra:

Description

Repairing of wooden katehras including opening and fixing after repairing of damage portion or missing design component completion with under given wood type as per design and specifications including fixing in place and repair of adjoining surfaces complete in all respect including all hardware.

Panelled having a 75mm x 38mm thick frame and 38mm thick panels.

Rate analysis for 6 Sft

Detail		Unit Rate per 6 Sft					ReferenceM RS 2025 1ST
		Qty		Rate per Unit (Rs.)		Amount (Rs.)	
A	Material						
	DeoDar Wood:						
	New Katehra Required Wood	0.963	Cft			-	12.002
	Asume 30% Required for Repairing	0.289	Cft	12600	per cft	3,640	
	Nail	0.25	Kg.	350	per Kg	88	12.148
	Glu	0.25	Kg.	300	per Kg	75	12.039
	Total					3,803	
	After Adding 10% Contractor profit + 10%Overhead					4,563	
	Per Sft				Sft	761	
	Per Sqm				Sqm	8,186	
B	LABOUR						
	Conservation Carpenter	1.00	Nos	1850.00	per day	1,850	LB-024
	Sundries @10%					185	
	After Adding 10% Contractor profit + 10%Overhead					2,442	
	Per Sft				Sft	407	
	Per Sqm				Sqm	4,381	
	Composite Rate						
	Per Rft				Sft	1,168	
	Per Rm				Sqm	12,567	

RATE ANALYSIS NO. 51							Ref.
Title: Enamel Paint.							
Description:							
	Applying three coats of enamel paint approved quality and shade on wooden and metal old and new surfaces.						MRS 2025 1ST
i)	Including cleaning, filling of cavities by chalk powder putine, Preparing and Protecting surfaces etc						
ii)	Apply primer paint one coat for surface preparation.						
	Complete in all respects and upto the entire satisfaction of site incharge.						
RATE ANALYSIS FOR 100 SFT.							
A)	Material	Qty	Unit	Rate	/Unit	Amount	
1	Chalk Powder	1.00	kg	48	kg	48	13.002
2	Primer Paint (one coat)	1.25	Ltr	321.5	Rs / Ltr	402	13.017
3	Paint (Synthetic Enamel 2 Coats)	2.50	Ltr	467.88	Rs / Ltr	1170	13.005
4	Kerosine Oil (Ref # 01.004)	2.00	Ltr	162.50	Rs/Ltr	325	13.022
5	Sand papers	8	each	50	each	400	12.153
6	Painting Brushes (average rate)	2	each	260	each	520	13.015
	Total-A					2865	
	After Adding 10% Contractor profit + 10%Overhead					3438	
	Per Sft				Sft	34	
	Per Sqm				Sqm	370	
B)	Labour						
1	Painter	1.00	no	1850.0	per day	1850	LB-062
2	Helper	1.00	no	1425.0	per day	1425	LB-61
	Total					3275	
	Add Sundries 10%					328	
	Total - B					3603	
	After Adding 10% Contractor profit + 10%Overhead					4323	
	Per Sft				Sft	43	
	Per Sqm				Sqm	465	
	Composite						
	Per Sqm				Sft	78	
	Per Sft				Sqm	835	

RATE ANALYSIS NO. 52										Ref.
Title: Linsed Oil										
Description:										
	Applying multiple coats of boiled linsed oil with pigment on wooden surfaces till wood can not absorbed more.									MRS 2025 1ST
i)	Including cleaning, filling of cavities by chalk powder putine, Preparing and Protecting surfaces etc									
	Complete in all respects and upto the entire satisfaction of site incharge.									
RATE ANALYSIS FOR 100 SFT.										
A)	Description	No.	L	W	H/D	Qty	Unit	Rate	Amount	
	Material									
1	Chalk Powder					1.00	kg	48	48.00	13.002
2	Sand papers					8	each	50	400.00	12.153
3	Linsed Oil					8	kg	255	2,040.00	13.008
4	Walnut Pigment Powder					2	kg	275	550.00	Mrk Rate
	Total-A								3,038.00	
	10% Contractor's Profit + 10% Overhead								607.60	
	Grand Total "A"								3,645.60	
	Per Sft						Sft		36.46	
	Per Sqm						Sqm		392.41	
B)	Labour									
1	Painter	1.00				1.00	Day	1850.00	1,850.00	LB-062
2	Helper	1.00				1.00	Day	1425.00	1,425.00	LB-61
	Total - B								3,275.00	
	Sundries @ 10%								327.50	
	Total with Sundries								3,602.50	
	10% Contractor's Profit + 10% Overhead								720.50	
	Grand Total "B"								4,323.00	
	Labour Rate per Sft						Sft		43.23	
	Labour Rate per Sqm						Sqm		465.32	
	Composite Rates									
	Per Sft						Sft		79.69	
	Per Sqm						Sqm		1,890.32	

RATE ANALYSIS NO.53						Ref.
Title: Glass Penals 6mm						
Description:						MRS 2025 1ST
Providing and Fixing glass including cutting of glass for given design and size/match to existing without damaging existing/adjacent glass panes fixed with deodar wood beading of under given types for windows, doors, ventilators and fanlights complete in all respect including all hardwares.						
RATE ANALYSIS FOR 96 Sft						
Detail		Unit Rate per 96 Sft				
		Qty	Rate per Unit (Rs.)		Amount (Rs.)	
A	Material					
	Glass Plate 6 mm thick (3 Sheet of 4' x 8')	96.00	228.00	per Sft	21,888	12.036
	Wastage 20%	19.20	218.00	per Sft	4,186	
	Wooden strips for fixing glass pans	384.00	8	Rft	3,072	25.026
	Silicon sealant 300ml tube (3 Tube for Each Sheet)	9.00	400	each	3,600	
	Nail	1.00	360	kg	360	12.148
	Carriage @ Rs 200 per Sheet	3.00	500	each	1,500	
A	Total A				34,606	
B	Labour					
	Glazier	3	1850	per day	5,550	LB-037
	Cooly skilled	3	1850	per day	5,550	LB-024
	Total				11,100	
	Sundries 10%				1,110	
B	Total B				12,210	
C	10% Contractor profit + 10%Overhead @ (A + B)				9,363	
	Grand Total (A + B + C)				56,179	
	Rate per sft			sft	585	

RATE ANALYSIS NO. 54					Ref.
Erection and Destruction (Opening) of scaffolding for smooth working at site, including carriage from store and after destruction stacking back in the store, Length & Width height should be as per requirement.					MRS
UNIT OF RATE =2000 Sft (100' x 20')					
Material	Nos.	Day	Wages per Day	Amount	MRS 2025 1ST
Scaffolding: Length 100' , Height 20' & Width 6'-8"					
Labour					
Labour For Material Carriage from Store or Site A to Site B					
Cooly Un-Skilled	5	1	1,425	7,125	LB-015
Labour For Material Carriage from Site B to Store or Other Site C				-	
Cooly Un-Skilled	5	1	1,425	7,125	LB-015
Labour for Erection at Site:				-	
Head Khalasi	5	2	1,425	14,250	LB-020
Cooly Un-Skilled	10	2	1,425	28,500	LB-015
Labour for Destruction / Opening at Site:				-	
Head Khalasi Survey	5	1	1,425	7,125	LB-020
Cooly Un-Skilled (All Types)	10	1	1,425	14,250	LB-015
Total				78,375	
10% Sundries				7,838	
Total With Sundries				86,213	
10% Contractor profit + 10% Overhead				17,243	
Grand Total Complete				103,455	
RATE PER Sft				52	
RATE PER Sqm				557	

Walled City Lahore Authority						
Rate Analysis of PP Manhole chamber for 6" dia Pipe						
Description					RA no.1i	
Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta colour) with push-fit type joints (Z-joints), i/c rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc, as per site requirements according to design and drawings and to the entire satisfaction of the site incharge, complete in respects.						
i	upvc 150 mm (6") Sewer Line	Rate analysis for 13 Rft			Unit =Rft	
		Qty		Rate per Unit (Rs.)	Amount (Rs.)	Ref. MRS1ST bi annual 2025
A)	MATERIAL					
	upvc terra cotta 12" dia	13.00	Rft	3,345.65	43,493.45	Ch,23 sr.26h
	Ruber ring	1.00	Each	2200	2,200.00	QT
	Total (A)				45,693.45	
B)	LABOUR					
	plumber	0.250		1850	462.50	LB046
	helper	0.250		1425	356.25	LB015
	Total (B)				818.75	
C	carriage for Above 5 to 13 Km	each		300.9	300.90	Ch,1 sr.16(i)(b
D	Total (A+B)				46,512.20	
E	Add 20 % (10 % contractors profit + 10 % overheads)				9,302.44	
F	Total (D+E)				55,814.64	
G	Total(F+C) /13 per ft Rate				4316.58	

Walled City Lahore Authority						
Rate Analysis of PP Manhole chamber for 6" dia Pipe						
Description					RA no.1	
Providing, laying, jointing and testing of prefabricated PP manhole chambers for sewerage as per approved samples, with rubber seal joints for inlet, outlet and riser pipes (including cost of riser pipe) as per site requirement						
i	For 150 mm (6") Sewer Line	Rate analysis for each			Unit =Each	
		Qty		Rate per Unit (Rs.)	Amount (Rs.)	Ref. MRS1ST bi annual 2025
A)	MATERIAL					
	PP Manhole	1.00	Each	65750	65,750.00	QT
	Ruber ring	3.00	Each	1350	4,050.00	QT
	Total (A)				69,800.00	
B)	LABOUR					
	plumber	0.250		1850	462.50	LB046
	helper	0.250		1425	356.25	LB015
	Total (B)				818.75	
C	carriage for Above 5 to 13 Km	each		300.9	300.90	Ch,1 sr.16(i)(b)
D	Total (A+B)				70,618.75	
E	Add 20 % (10 % contractors profit + 10 % overheads)				14,123.75	
F	Total (D+E)				84,742.50	
	Grand Total (F+C) for each				85043.40	

Walled City Lahore Authority						
Rate Analysis for manhole chamber RCC cover						
Providing and laying R.C.C manhole cover and female part with MS angle iron frame size of 350mm for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.						
Rate analysis for each					Unit - Each	RA no.2
Detail		Unit Rate				Ref. MRS1ST bi annual 2025
		Qty		Rate per Unit (Rs.)	Amount (Rs.)	
A	Material					
1	RCC for cover and Female part volume 1;2;4	0.018	cum	27318.25	486.81	Mrs Ch.6,sr(6(a (,i,(3 c
2	Steel @ 103 Per Kg Per Cum	1.84	Kg	255.00	468.04	
3	angle iron	3.120	kg	259.00	808.08	6.014
	Total(A)				1,762.93	12.119
B	labour					
	Welder and mason	2.000		1850.00	3,700.00	Lb052
	unskilled	1.000		1425.00	1,425.00	Lb015
	Total (B)				5,125.00	
	sundries @ 10%				512.50	
	Total B				5,637.50	
C	carriage for Above 5 to 13 Km			300.9	300.90	Ch,1 sr.16(i)(b
	Total (A+B)				7,400.43	
	Add 20 % (10 % contractors profit + 10 % overheads)				1,480.09	
D	Total				8,880.52	
	Total(D+C)				9,181.42	
	Cost of Manhol cover and femail part / each				9,181.42	

0.629402

0.004811

0.017811

0.013

1.294897 3.124897

Walled City Lahore Authority							
Description - RA-3					Unit = each		
Providing and fixing sewer connection with upvc chamber required horizontal 110 mm (4") pipe i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.							
Rate analysis for each			Unit = Each				
			Qty		Rate per Unit	Amount (Rs.)	Ref. MRS1ST bi annual 2025
A)	MATERIAL						
1	upvc 4" dia P-Trap		1.00	Each	1030	1,030.00	19.144
2	4" dia upvc Pipe		8.00	Rft	185.26	1,482.08	19.133
3	end cap 4" dia		1.00	each	153	153.00	Material JP-42
4	upvc 4" dia Yee		2.00	each	1313	2,626.00	Material JP-48
	Total (A)					5,291.08	
B)	LABOUR						
	Plumber		1.00	Nos.	1850.00	1,850.00	LB046
	Helper		0.50	Nos.	1425.00	712.50	LB015
	Total					2,562.50	
	Sundries @10%					256.25	
	Total (B)					2,818.75	
C	carriage for Above 5 to 13 Km		1		300.9	300.90	Ch,1 sr.16(i)(b)
	Total (A+B)					8,109.83	
	Add 20 % (10 % contractors profit + 10 % overheads)					1,621.97	
D	Total					9,731.80	
	Total (C+D)					10,032.70	
	Total for each					10032.70	

Walled City of Lahore Authority						
Rate Analysis for Providing & Laying Ravi Sand RA.4						
Description						
Providing and laying approved quality Ravi sand for backfilling after laying, jointing and testing of services including leveling, watering and compaction up to 95% to maximum modified AASHTO dry density, complete in all respects as per the instructions of Site Incharge.						
					unit = cum	
Detail	Rate analysis for 1000 cft					Ref. MRS1ST bi annual 2025
	Qty		Rate per Unit (Rs.)	Amount (Rs.)		
A) MATERIAL						
Sand (Ravi)	1200	Cft	40.00	48,000.00		6.007
Total (A)				48,000.00		
B) LABOUR						
Dresser	1.00	No.	1450	1,450.00		LB-019
Bhishity	1.00	No.	1450	1,450.00		LB-017
Total				2,900.00		
Sundries @ 10%				290.00		
Total B				3,190.00		
Total (A+B)				51,190.00		
20% (Contractor's Profit+ Overhead)				10,238.00		
C) Total				61,428.00		
D) CARRIAGE						
i Upto 10 km	1200	Cft	12.11	14,532.00		ch.1,sr.5
Carriage of consignments odd jobs.						
ii a) Donkey load for distance upto 500 feet.	400.00	donkey	10.85	4,340.00		ch.1,sr.16ii a
Total (D)				18,872.00		
Total (C+D)				80,300.00		
Rate per cft				80.30		

Walled City of Lahore Authority					
Rate Analysis for concrete tile RA.1					
Description					
Providing and laying concrete tile 8" x 2.5" x 1.5" full body colored as approved.including cutting patterns(around the Manhole cover etc) as shown on drawing complete in all respects including cussion.(for stablization)					
Detail		Rate Analysis for 100 Sft			
		Qty		Rate per Unit (Rs.)	Amount (Rs.)
A)	MATERIAL	units			
1	concrete tile size 8"x2.5"x1.5"	1200.00	Nos	26.00	31,200.00
	wastage @5%	60.00	Nos	26.00	1,560.00
	2"sand for cussion under the tiles and for filling	16.00	cft	40.00	640.00
	cement	1.00	bag	1360.00	1,360.00
	Total (A)				34,760.00
B)	LABOUR (for 100 Sft)				
1	Mason	1.50	Nos	1850	2,775.00
2	Coolies skilled for cutting ,grinding,helping	1.00	Nos	1850	1,850.00
3	Coolies UN skilled	1.00	Nos	1425	1,425.00
	Total				6,050.00
	Sundries @10%				605.00
	Total (B)				6,655.00
C)	Carriaqge				
1	Donkey load Upto ½ Mile/ 0.8 Km (50 tiles carriage)	12.00	donkey	20.8	249.60
	Total (C)				249.60
	Total (A+B)				41,415.00
	20% Contractor's Profit				8,283.00
	Total				49698.00
	Total + C				49,947.60
	Rate Per Sft				499.48
	Rate per M²				5374.36

Sub-Engineer (Civil)

Assistant Director (Engg.)

of tiles for fixing in ng cement,sand
Ref. MRS1ST bi annual 2025
Qoutation
Matt:6.007
Matt:6.005
LB-040
LB-024
LB-015
ch.1,sr.16 ii)c)

12480

31,200.00

2,000.00

20.00

100

Walled City Lahore Authority						
Rate Analysis for Brick tile on edge RA no.5						
					Unit -Sqm	
Pucca brick tile 225mmx112.5mmx38mm (9"x4.5"x1.5") on edge flooring laid in cement sand mortar (1:4) with surkhi for approved shade in patterns as shown on drawings i/c laying of dressed bricks in rings around manhole covers over a bed of 20mm thick cement mortar (1:6) as per approved pattern and slope required for surface drainage of rain water.						
Rate Analysis for 100 Sft						
Detail		Unit Rate				Ref. MRS1ST bi annual 2025
		Qty		Rate per Unit (Rs.)	Amount (Rs.)	
A)	MATERIAL					
1	Brick tile size 9"x4.5"x1.5"	1100.00	Nos	12.70	13,970.00	9.005
2	Cement for laying and grouing	4.50	Bags	1360.00	6,120.00	6.008
3	Cement for bedding mortar	1.00	Bags	1360.00	1,360.00	6.008
4	Sand for laying and grouting	11.00	Cft	60.00	660.00	6.005
5	Sand for bedding mortar	6.00	Cft	60.00	360.00	6.005
6	surkhi for laying and grouting	4.00	Cft	16.00	64.00	10.037
	Total				22,534.00	
	WASTAGE 3%				676.02	
	Total (A)				23,210.02	
B	LABOUR					
1	Mason	2.50	Nos	1850.00	4,625.00	LB-040
2	Coolies skilled	2.50	Nos	1850.00	4,625.00	LB-024
3	Bahishti	0.50	Nos	1450.00	725.00	LB-017
	Total				9,975.00	
	Sundries @10%				997.50	
	Total B)				20,947.50	
C	Total (A+B)				44,157.52	
	Add 20 % (10 % contractors profit + 10 % overheads)				8,831.50	
	Total (C)				52989.02	
D	Carriage					
i	from yard to site (1km)	38.50	cft	3.62	139.37	MRS ch1 sr,1
ii	Carriage of consignments odd jobs. a) Donkey load for distance upto 500 feet.	11.00	donkey	10.85	119.35	ch.1,sr.16ii a
	Total (D)				258.72	
	Total(C+D)				53247.74	
	Rate Per Sft				532.48	

Walled City Lahore Authority					
Rate Analysis of collector chamber for 300mm dia RA.6					
Description					
Providing, laying, jointing and testing of fabricated uPVC storm water collection chambers 300mm dia welded with uPVC pipe with 50mm silt traps, 100mm outlet and connecting with uPVC pipe drain as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement and as per the instructions of site incharge.					
Rate Analysis for each				Unit -each	
Detail		Unit Rate			Ref. MRS1ST bi annual 2025
		Qty		Rate per Unit (Rs.) Amount (Rs.)	
A)	MATERIAL				
i	collector chamber 300mm dia and base	2.50	Rft	2699	6,747.50 23.26
ii	110mm dia	0.75	Rft	410	307.50 23.255
	Total (A)				7,055.00
B)	LABOUR				
	welder	1	each	18580	18,580.00 LB-052
	plumber	0.25	each	1850.00	462.50 LB-046
	helper	0.25	each	1425.00	356.25 LB-015
	Total (B)				19,398.75
	Total (A+B)				26,453.75
	Add 20 % (10 % contractors profit + 10 % overheads)				5,290.75
	Total C				31,744.50
D)	carriage for Above 5 to 13 Km	1.00		3009	3,009.00 MRS ch1 sr,16i (b)
	Total (C+D)				34753.50

Walled City Lahore Authority						
Rate Analysis RA no.7						
					Unit -each	
Providing and fixing Gibault joint for existing water supply line as per drawings and specifications complete in all respects as instructions of site incharge						
Rate Analysis water supply joint for each						
Detail		Unit Rate				Ref. MRS1ST bi annual 2025
		Qty		Rate per Unit (Rs.)	Amount (Rs.)	
A)	MATERIAL					
1	3" to 24"dia gibault joint	7.00	kgs	383.00	2,681.00	23.101
2	Cost of Bolt and nuts for G.I. Flanged Joints 2½" to 7"	15.00	Nos	15.00	225.00	23.406
	Total				2,906.00	
	Total (A)				2,906.00	
B)	LABOUR					
1	plumber	1.00	Nos	1850.00	1,850.00	LB-046
2	Coolies skilled	0.50	Nos	1850.00	925.00	LB-024
	Total				2,775.00	
	Sundries @10%				277.50	
	Total (B)				3,052.50	
C)	Carriage					
1	carriage for Above 5 to 13 Km	1.00		300.9	300.90	MRS ch1 sr,16i (b)
	Total (C)				300.90	
	Total (A+B)				5,958.50	
	Add 20 % (10 % contractors profit + 10 % overheads)				1,191.70	
D)	Total				7150.20	
	Total(C+D)				7451.10	
	Rate Per each				7451.10	

Walled City Lahore Authority						
Description - RA8					Unit = each	
Providing and fixing sewer connection with upvc main sewer pipe with horizontal 110 mm (4") dia pipe i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.						
			Unit = Each			
Rate analysis for each		Qty		Rate per Unit	Amount (Rs.)	Ref. MRS1ST bi annual 2025
A)	MATERIAL					
1	upvc 4" dia P-Trap	1.00	Each	1030	1,030.00	Material19.144
2	4" dia upvc Pipe	8.00	Rft	185.26	1,482.08	Material19.133
3	end cap 4" dia	1.00	each	153	153.00	Material JP-42
4	upvc 4" dia Yee	2.00	each	1313	2,626.00	Material JP-48
5	upvc 6"x4" dia Yee	1.00	each	2750	2,750.00	Material JP-93
	Total (A)				8,041.08	
B)	LABOUR					
	Plumber	1.00	Nos.	1850.00	1,850.00	LB046
	Helper	0.50	Nos.	1425.00	712.50	LB015
	Total				2,562.50	
	Sundries @10%				256.25	
	Total (B)				2,818.75	
C	carriage for Above 5 to 13 Km	1		300.9	300.90	Ch,1 sr.16(i)(b)
	Total (A+B)				10,859.83	
	Add 20 % (10 % contractors profit + 10 % overheads)				2,171.97	
D	Total				13,031.80	
	Total (C+D)				13,332.70	
	Total for each				13332.70	

Walled City Lahore Authority						
Description - RA9					Unit = each	
Providing and fixing Temporary connections of water supply and sewer also during dismantling and excavation repairing work Gas, water supply, and sewer connections complete in all respects as per instructions of site incharge						
			Unit = Each			
Rate analysis for each		Qty		Rate per Unit	Amount (Rs.)	Ref. MRS1ST bi annual 2025
A)	MATERIAL					
1	4" dia upvc Pipe	4.00	Rft	185.26	741.04	Material19.133
2	upvc 4" dia Yee & tee etc	2.00	each	1313	2,626.00	Material JP-48
	Total (A)				3,367.04	
B)	LABOUR					
	Plumber	0.50	Nos.	1850.00	925.00	LB046
	Helper	0.50	Nos.	1425.00	712.50	LB015
	Total				1,637.50	
	Sundries @10%				163.75	
	Total (B)				1,801.25	
C	carriage for Above 5 to 13 Km	1		300.9	300.90	Ch,1 sr.16(i)(b)
	Total (A+B)				5,168.29	
	Add 20 % (10 % contractors profit + 10 % overheads)				1,033.66	
D	Total				6,201.95	
	Total (C+D)				6,502.85	
	Total for each				6502.85	

Walled City Lahore Authority						
Rate Analysis for Providing and fixing of awning 9.7						
Description					Unit -RF	
Providing and Fixing awning MS pipe 18swg 2" dia. MS chanal / patti 2 # spacial imported fabric welding with paint complete in all respects as per given in drawings.						
Rate analysis for 2.44RM=8RF (8x6 sft)						
Detail		Unit Rate				Ref. no
		Qty	Rate per Unit (Rs.)		Amount (Rs.)	
A	Material					
	MS chanal	3.28	260.0	kg	853	25.003
	M.S pipe 18 SWG 2" dia	16.80	437.00	Rft	7342	23.084
	Spacial fabrick (imported)	56.00	355.00	SFT	19880	12.156
	FOLDING MACHINE COMPLETE(MS)	1.00	6000.00		6000	
	Total				62149	
B	LABOUR FOR FEBRICATION					
	black smith/Welder	1.00	1850.00	per day	1850	LB052
	welder helper	1.00	1425.00	per day	1425	LB061
	Welding rod	0.25	1030.00	per day	258	6.024
	Total				3533	
C	LABOUR FOR ERECTION					
	Welder	0.50	1850.00		925	LB052
	welder helper	1.00	1425.00		1425	LB061
	Welding rod	0.25	1030.00		258	6.024
	Total				2608	
	Total (A+B+C)				68289	
	Sundries @10%				6829	
	Total				75118	
	Added 20 % (10 % contractors profit + 10 % overheads)				90142	
	paint	5.00	31.1	sft	156	ch.13 item 5 a(i+ii)
	Rate per Rm				37007	
	Rate per Rf				4625.89	

Walled City Lahore Authority							
FACADES REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for wood work(wooden deck) Item No. 8.5							
Description						Unit=Sft	
Providing new wood work for wooden deckk of size under given types in "B" Class deodar wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect including all hardwares.							
.(5'x4.25') 21.25sft							
Rate analysis for 1 Sft							
Detail		Unit Rate					
		Qty		Rate per Unit		Amount	
A	Material						Ref. no
	Frame (4'x2x.25*x.25') "B" Class deodar wood	0.50	Cft	9900	per Cft	4,950.00	matt:12.003
	Frame (5'x3x.25*x.25')	0.94	Cft	9900		9,281.25	
	planks for deck (5' x4.25'x 2") "B" Class deodar wood	3.61	Cft	9900	per Cft	35,763.75	matt:12.003
	vertical posts 2'x.25'x.25' "B" Class deodar wood	0.13	Cft	9900		1,237.50	
	Wastage @ 5%	0.23	Cft	9900	per Cft	2,314.13	
	nail	0.50	Kg.	360		180.00	matt:12.148
	glue	1.0	Kg.	315.00	per Kg	315.00	matt:12.039
	Total					54,041.63	
B	LABOUR						
	carpenter	1.50	Nos	1850.00	per day	2,775.00	LB_029
	helper	2.00	Nos	1425.00	per day	2,850.00	LB-015
	Total					5,625.00	
	Sundries @10%					562.50	
	TOTAL A+B					60,229.13	
	Add 20 % (10 % contractors profit + 10 % overheads)					72,274.95	
	PER SFT FOR G & 1ST					3,401.17	
	PER SFT FOR 2ND AND ABOVE						

Walled City Lahore Authority							
FACADES REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for wood work(wooden deck) Item No. 8.6							
Description						Unit=Sft	
Providing new wood work in wooden awning suport with wooden Frame (6'x3x.25*x.25'),supported with steel brackets, including horizontal jhalar of size under given types in "B" Class deodar wood also including 24 SWG GI corrugated sheet roofing and 24 SWG GI sheet flashing embeded at one end into masonry wall with lead wedge @ 300mm c/c i/c all nuts, bolts and glue nails etc. for fixing and making good facade surfaces as per the specifications and designs provided in drawings and as per the instructions of project manager and repair of (7'x6.50') 45.5sft							
Rate analysis for 1 Sft							
Detail		Unit Rate					
		Qty		Rate per Unit		Amount	
A	Material						Ref. no
	Frame (6'x3x.25*x.25') "B" Class deodar wood	1.13	Cft	9900	per Cft	11,137.50	matt:12.003
	Frame (7'x2x.25*x.25')	0.88	Cft	9900		8,662.50	
	planks for ceiling (7' x6.5'x .125") "B" Class deodar wood	5.69	Cft	9900	per Cft	56,306.25	matt:12.003
	vertical posts 2'x.25'x.25' "B" Class deodar wood	0.13	Cft	9900		1,237.50	
	Wastage @ 5%	0.33	Cft	9900	per Cft	3,310.31	
	nail	1.00	Kg.	360		360.00	matt:12.148
	glue	1.0	Kg.	315.00	per Kg	315.00	matt:12.039
	Horizontal Hangers/brackets	3.0	each	4550	each	13,650.00	matt:24.594
	Expansion Bolt (Rawal Bolt) 1/4"	12.0	each	40	each	480.00	matt:27.003
	G.I Plain Sheet 22 - 24 SWG	6.0	Kg.		376	2,256.00	matt:9.007
	Total					97,715.06	
B	LABOUR						
	carpenter for carving/designing works	1	Nos	1850.00	per day	1,850.00	
	carpenter	2.00	Nos	1850.00	per day	3,700.00	LB_029
	helper	2.00	Nos	1425.00	per day	2,850.00	LB-015
	Total					8,400.00	
	Sundries @10%					840.00	
	TOTAL A+B					106,955.06	
	Add 20 % (10 % contractors profit + 10 % overheads)					128,346.08	
	PER SFT FOR G & 1ST					2,820.79	
	PER SFT FOR 2ND AND ABOVE						

Walled City Lahore Authority							
FACADES REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE""							
Rate Analysis for Dismantling Canvas/ Fiber glass Awning Item No. 1.5							
Rate Analysis For one No.							
A) LABOUR							ref. no.
1	Coolies unSkilled	=	0.25 Nos. @ 1425 Rs per Day		Rs.	356.25	LB-015
2	Blacksmith	=	0..25Nos. @ 1850Rs per Day			462.50	LB-028
	Total					818.75	
Add 10% Sundries					Rs.	81.88	
	Total A					900.63	
Add 20 % (10 % contractors profit + 10 % overheads)						180.125	
	TOTAL					1080.75	

Walled City Lahore Authority						
FACADES REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"						
Rate Analysis for Dismantling cement jali, Item No. 1.8						
Rate Analysis For 100 Sft						
A) LABOUR						ref. no.
1	Coolies Skilled	0.50Nos. @ 1850 Rs per Day		Rs.	925.00	LB-024
Add 10% Sundries				Rs.	92.50	
	Total for GF				1,017.50	
	Total for 1F				1,017.50	
	Total for 2F & above				1,149.78	Added .13% as per MRS
Add 20 % (10 % contractors profit + 10 % overheads)						
	Total for GF				1,221.00	
	Total for 1F				1,221.00	
	Total for 2F & above				1,379.73	
	Rate for 1 sft ON GF,1st F				12.21	
	Rate for 1 sft ON 2F & ABOVE				13.80	

Walled City Lahore Authority						
FACADES REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"						
Rate Analysis for dismantling G.I Corrugated Sheet Item No. 1.10						
Rate Analysis for 100 Sft						
Detail		Qty		Unit Per Sqm (Rs.)		Amount (Rs.)
	Labour					
	Black Smith	0.3	No.	1850	per day	462.50
	unskilled cooly	0.5	No.	1425	per day	712.50
	Total					1,175.00
	Add 10% Sundries				Rs.	117.50
	Total for GF					1,292.50
	Total for 1F					1,292.50
	Total for 2F & above					1,460.53
	Add 20 % (10 % contractors profit + 10 % overheads)					Added .13% as per MRS
	Total for GF					1,551.00
	Total for 1F					1,551.00
	Total for 2F & above					1,752.63

Walled City Lahore Authority					
FACADES REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"					
Rate Analysis for Dismantling G.I shutter Item No. 1.11					
Rate Analysis For one No.					
A) LABOUR					ref. no.
1	Coolies unSkilled	0.5 Nos. @ 1425 Rs per Day	Rs.	712.50	LB-015
2	Blacksmith	0.5Nos. @ 1850 Rs per Day		925.00	LB-028
Add 10% Sundries			Rs.	163.75	
Total for GF				1801.25	
Total for 1F				1801.25	
Total for 2FL &above				2035.41	added 13% labour
Add 20 % (10 % contractors profit + 10 % overheads)					
Total for GF				2161.50	
Total for 1F				2161.50	
Total for 2FL &above				2442.50	

Walled City Lahore Authority					
FACADES REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"					
Rate Analysis for Dismantling / Removal Metal Railing Item No. 1.12					
Rate Analysis For one SFT.					
A) LABOUR					ref. no.
1	Coolies Skilled	0.25Nos. @ 1850 Rs per Day	Rs.	462.50	LB-024
Add 10% Sundries			Rs.	46.25	
Total for GF				508.75	
Total for 1F				508.75	
Total for 2F & above				574.89	Added .13% labour as per MRS
ADD 20%(CONTRACTOR +OVER HEAD)					
Total for GF				56.79	
Total for 1F				56.79	
Total for 2F & above				64.17	

Walled City Lahore Authority									
FACADES REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"									
Rate Analysis for Removing wooden hard board Item No. 1.11									
Rate Analysis For one Sqm									
A) LABOUR								ref. no.	
1	Carpenter	=	0.25 Nos. @ 1300Rs per Day		Rs.	168.75		LB-029	
Add 10% Sundries					Rs.	16.88			
	Total for GF					185.63			
	Total for 1F					185.63			
	Total for 2F & above					209.76		Added 13% as per MRS	
Add 20 % (10 % contractors profit + 10 % overheads)									
	Total for GF					222.75			
	Total for 1F					222.75			
	Total for 2F & above					251.71			

Walled City Lahore Authority							
FACADES REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for Item No. DISMANTLING OF AC AND COOLER ITEM 1.13							
Rate Analysis For each							
A) LABOUR							ref. no.
1	Electrician		0.5Nos. @ 1850 Rs per Day	Rs.	925.00		LB-035
2	Helper		0.5Nos. @ 1425Rs per Day	Rs.	712.50		LB-015
	Add 10% Sundries			Rs.	163.75		
	Total for GF				1,088.75		
	Total for 1F				1,088.75		
	Total for 2F & above				1,230.29	Added 13% as per MRS	
Add 20 % (10 % contractors profit + 10 % overheads)							
	Total for GF				1,307		
	Total for 1F				1,307		
	Total for 2F & above				1,476		

Walled City Lahore Authority									
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"									
Removal of steel Brackets and Appended fixtures No. 1.14									
Rate Analysis for One each									
Labour								ref. no.	
	i- Black Smith	=	0.25No @ 1850Rs Per Day				Rs	462.50	LB-028
	ii-unSkilled Cooly	=	0.25 No @ 1425 Rs Per Day				Rs	356.25	LB-015
	Total						Rs	818.75	
	Add Sundries 10%						Rs	81.88	
	Total for GF						Rs	900.63	
	Total for 1F						Rs	900.63	
	Total for 2F & above						Rs	1,017.71	Added 13% as per MRS
Add 20 % (10 % contractors profit + 10 % overheads)									
	Total for GF /each						Rs	1,080.75	
	Total for 1F /each						Rs	1,080.75	
	Total for 2F & above /each						Rs	1,221.25	

Walled City Lahore Authority									
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"									
Removal of wire gauze Item No. 1.15									
Rate Analysis of 100 SFT.									
	Labour			Unit Rate Sqm					ref. no.
	i- Carpenter	=	0.25	no	1850.00	per day	Rs	462.50	LB-029
	ii- Black Smith	=	0.25	no	1850.00	per day	Rs	462.50	LB-028
	iii- coolies unskilled	=	0.50	no	1425.00	per day	Rs	712.50	LB-015
	Total						Rs	1637.50	
	Add Sundries 10%						Rs	163.75	
	Total for GF						Rs	1,801.25	
	Total for 1F						Rs	1,801.25	
	Total for 2F & above						Rs	2,035.41	Added 13% as per MRS
	Total for GF						Rs	697.40	
	Total for 1F						Rs	697.40	
	Total for 2F & above						Rs	788.06	
Add 20 % (10 % contractors profit + 10 % overheads)									
	Total for GF						Rs	836.88	
	Total for 1F						Rs	836.88	
								8.37	
	Total for 2F & above						Rs	945.67	
								9.46	

Walled City Lahore Authority									
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"									
Removal of Glass 5mm to 8mm ITEM#1.7									
Rate Analysis of 100 SFT.									
	Labour			Unit Rate Sqm					ref. no.
	i- Carpenter	=	0.50	no	1850.00	per day	Rs	925.00	LB-029
	ii- coolies unskilled	=	0.50		1425.00	per day	Rs	712.50	LB-015
	Total						Rs	1637.50	
	Add Sundries 10%						Rs	163.75	
	Total for GF						Rs	1,801.25	
	Total for 1F						Rs	1,801.25	
	Total for 2F & above						Rs	2,035.41	Added 13% as per MRS
Add 20 % (10 % contractors profit + 10 % overheads)									
	Total for GF						Rs	2,161.50	
	Total for 1F						Rs	2,161.50	
								21.62	
	Total for 2F & above						Rs	2,442.50	
								24.42	

Walled City Lahore Authority									
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE" SPICE MARKET , WALLED CITY, LAHORE"									
Removal of exhaust fan item,1.18									
Rate Analysis of each.									
	Labour								ref. no.
	Electrician		0.25	no	1850.00	per day	Rs	463	LB-029
	coolie unskilled	=	0.50	no	1425.00	per day	Rs	713	LB-015
	Total						Rs	1175	
	Add Sundries 10%						Rs	118	
	Total for GF						Rs	1293	
	Total for 1F						Rs	1293	
	Total for 2F & above						Rs	1461	Added 13% as per MRS
Add 20 % (10 % contractors profit + 10 % overheads)									
	Total for GF						Rs	1,551	
	Total for 1F						Rs	1,551	
	Total for 2F & above						Rs	1,753	

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for Brick Work Item No. 2.2							
Pucca brick work Ratio White lime : kankar Lime (1:2) size 225mmx112.5mmx75mm							
RATE ANALYSIS FOR 100 Cft							
Detail		Unit Rate Cum					ref. no.
		Qty		Rate per Unit (Rs.)		Amount (Rs.)	
A	Material						
	Bricks	1350.00	Nos	15200.00	1000	20,520.00	7.001
	White lime	8.02	cft	50.00	KG	401.00	7.008
	Kankar lime	20.00	Cft	750	cft	15,000.00	QT
	<u>wastage (3% of each material)</u>					1,077.63	
	Total A					36,998.63	
B	LABOUR						
	For Masonry Work						
	Mason	2.00	Nos	1850.00	per day	3,700.00	LB-040
	Skilled Cooly	2.00	Nos	1850.00	per day	3,700.00	LB-024
	Bahishti	0.25	Nos	1450.00	per day	362.50	LB-017
	For Mortar						
	Skilled Cooly	0.25	Nos	1850.00	per day	462.50	LB-024
	Bahishti	0.25	Nos	1450.00	per day	362.50	LB-017
	Total					8,587.50	
	Sundries @10%					858.75	
	Total B for GF &1ST F					9,446.25	
	Total B for 2nd F & Above					10,674.26	Added 13% as per MRS
	TOTAL(A+B) for GF &1ST F					46,444.88	
	TOTAL(A+B) for 2nd F & Above					47,672.89	
	Add 20 % (10 % contractors profit + 10 % overheads)						
	GF					55,733.86	
	1F					55,733.86	
	GF+1ST F per cft					557.34	
	2F					57,207.47	
	2ND per cft					572.07	

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for Brick Work Item No. 2.4							
Repairing Pucca brick work Ratio White lime : kankar Lime (1:2) size Brick tiles 300 x 150 x 32 mm (12"x6"x1¼")							
RATE ANALYSIS FOR 100 Cft							
Detail		Unit Rate Cum				ref. no.	
		Qty		Rate per Unit (Rs.)			
A	Material						
	Bricks	3588.00	Nos	15200.00	per 1000	54,537.60	9.003
	White lime	8.02	Cft	50.00	KG	401.00	7.008
	Kankar lime	20.00	Cft	750	per Cft	15,000.00	QT
	wastage (3% of each material)					2,098.16	
	Total A					72,036.76	
B	LABOUR						
	For Masonry Work						
	Mason	2.00	Nos	1850.00	per day	3,700.00	LB-040
	Skilled Cooly	2.00	Nos	1850.00	per day	3,700.00	LB-024
	Bahishti	0.25	Nos	1450.00	per day	362.50	LB-017
	For Mortar						
	Skilled Cooly	0.25	Nos	1850.00	per day	462.50	LB-024
	Bahishti	0.25	Nos	1450.00	per day	362.50	LB-017
	Total					8,587.50	
	Sundries @10%					858.75	
	Total B for GF &1ST F					9,446.25	
	Total B for 2nd F & Above					10,674.26	Added 13% as per MRS
	TOTAL(A+B) for GF &1ST F					81,483.01	
	TOTAL(A+B) for 2nd F & Above					82,711.02	
	Add 20 % (10 % contractors profit + 10 % overheads)						
	GF					97,779.6	
	1F					97,779.6	
						977.8	
	2F					109,927.5	
						1,099.3	

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for Cornices Item No. 3.1, 3.2							
Making Floral/Decorative Cornices at site with 225x112.5x75 mm (9"x4.5"x3") 1st class pucca burnt bricks i/c preparing surfaces, curing, protecting the existing surfaces etc in in 1:2 white lime:kankar lime mortar complete in all respect as per drawings and specifications and the							
RATE ANALYSIS FOR 100 Rft						Unit=RF	
Detail		Qty		Rate per Unit (Rs.)		Amount (Rs.)	Ref. no
A	Material						
	Bricks	254.00	Nos	15200.00	per 1000	3,860.80	7.001
	White lime(UNSLAKED)	4.55	Cft	1085.00	Cft	4,936.75	7.008
	Kankar lime	4.00	Cft	750	cft	3,000.00	QT
	Sub Total					11,797.55	
	Wastage 3%					353.93	
	Total A					12,151.48	
B	LABOUR						
	Mason	1.00	Nos	1850.00	per day	1,850.00	LB-040
	Un Skilled Cooly	2.00	Nos	1425.00	per day	2,850.00	LB-015
	Total					4,700.00	
	Sundries @10%					470.00	
	Total B					5,170.00	
	Total (A+B)					17,321.48	
	ADD20%CONTRACTOR PROFIT					20,785.77	
	Total for 1F (Rate per Rft)					207.86	
	Total for 2F & above (Rate per Rft)					23,487.92	Added 13% as per MRS
	2F & above (Rate per Rft)					234.88	

Walled City Lahore Authority						
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"						
Rate Analysis for Cornices Bill No. 1 Item No. 3.3						
Repairing simple Cornices at site with225mmx112.5mmx75mm (9"x4.5"x1.5")1st class pucca burnt bricks i/c preparing surfaces, curing, protecting the existing surfaces etc in 1:2 white lime:kankar lime mortar complete in all respect as per drawings and specifications and the instructions of Project Manager.						
RATE ANALYSIS FOR 100 Rft					Unit=RM	
Detail		Unit Rate per 100 Sft				
		Qty	Rate per Unit (Rs.)		Amount (Rs.)	Ref. no
A	Material					
	Bricks	254.00	14000.00	per 1000	3,556.00	9.005
	White lime	4.55	1085.00	Cft	4,936.75	7.008
	Kankar lime	4.00	640	cft	2,560.00	QT
	Sub Total				11,052.75	
	Wastage 3%				331.58	
	Total A				11,384.33	
B	LABOUR					
	Mason	1.00	1450.00	per day	1,450.00	LB-040
	Un Skilled Cooly	2.00	1060.00	per day	2,120.00	LB-015
	Total				3,570.00	
	Sundries @10%				357.00	
	Total B				3,927.00	
	Total(A+B)for GF				15,311.33	
	Total for 1F				15,311.33	
	Total for 2F & above				17,301.81	Added 13% as per MRS
C	Carriage					
	Upto 1000 Rft(bricks)	254	1.64	each	417.58	MRS ch1 sr,10
	Upto 1000 Rft	6	#REF!	cft	#REF!	MRS ch1 sr,1
	total				#REF!	
	Total for GF (Rate per Rft)				#REF!	
	Total for 1F (Rate per Rft)				#REF!	
	Total for 2F & above (Rate per Rft)				#REF!	
	Rate for 1 No. ON GF (Rate per Rm)				#REF!	
	Rate for 1 No. ON 1F (Rate per Rm)				#REF!	
	Rate for 1 No. ON 2F & ABOVE (Rate per Rm)				#REF!	

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for Terracotta jali Bill No. 1 Item No. 3.5							
Description							
Providing at any height at any floor nominal 50 mm thick terracotta jali using lime mortar (White lime:Kankar Lime in Ratio 1:2) of surkhi, finishing, curing, true to plumb, including grouting, finishing etc.as per design and size as original or shown in the drawings, complete							
RATE ANALYSIS FOR 100Sft						Unit=SQ	
Detail							
		Qty	Rate per Unit		Amount	Ref. no	
A	Material						
	White lime	3	Cft	1085	Cft	3,179	7.008
	kankar lime	2	Cft	750	Per Cft	1,500	QT
	Terracotta Jali	112	Sft	480	Per sft	53,760	QT
	surkhi	0.05	Cft	16	Per Cft	1	10.037
	Total					58,440	
	Wastage 3%					1,753	
	Total A					60,193	
B	Labour						
	Mason	2	No.	1850	per day	3,700	LB-040
	Cooly unskilled	1	No.	1425	per day	1,425	LB-024
	Bahishti	1	No.	1450	per day	1,450	LB-017
	Total					6,575	
	Sundries @10%					658	
	Total B					7,233	
	Total A+B					67,426	
	Total for 1F						
Add 20 % (10 % contractors profit + 10 % overheads)						80,911	
	Rate for 1 SFT ON 1F					809.11	
	Total for 2F & above					91,429.04	Added 13% as per MRS
	Rate for 1 SFT ON 2F & ABOVE					914.29	

Walled City Lahore Authority										
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"										
Rate Analysis kankar lime plaster Item No. 4.3										
Description										
Cleaning and preparing brick surface including raking out joints and applying 19 mm (3/4") thick (nominal) kankar lime plaster using white lime & kankar lime ratio of 1:3, strengthened with 5% chopped jute fiber, and finished with floating coat including curing, protection of adjacent surfaces complete to the satisfaction of project manager.										
RATE ANALYSIS FOR 100 SFT.										
A)	Material									Ref. no
1	Fine kankar lime	2.00	Cft	@	Rs.	750		Rs	1500	QT
2	White lime	5.85	Cft	@	Rs.	1085		Rs	6345	7.008
	jute	2.00	kg			165	kg		330	11.001
	Total								8175	
	Wastage 3%								245	
	Total							Rs	8420	
B)	Labour									
	i- Masons	2.00	No			1850	Per Day	Rs	3700	LB-040
	ii- unSkilled Collies	3.00	No			1425	Per Day	Rs	4275	LB-015
	iii - Bahishti	0.25	No			1450	Per Day	Rs	363	LB-017
	iv- Cartman	0.25	No			1425	Per Day	Rs	356	LB-006
	Total							Rs	8694	
Add Sundries 10%								Rs	869	
	Total for GF								17983	
	Total for 1F								17983	
	Total for 2F & above								28742	Added 13% as per MRS
Add 20 % (10 % contractors profit + 10 % overheads)								Rs		
	Total for GF & 1ST F WITH 20%								21,580	
	Total for 2F & above WITH 20%								34,490	
Per Sft								Rs		
	Total for GF								215.80	
	Total for 1F								215.80	
	Total for 2F & above								344.90	

FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"

RATE ANALYSIS NO. - 4.4										Ref.
Title: Lime Plaster 2" Thick:										MRS 2024 2nd
Description :										
	Cleaning and preparing brick surface including raking out joints and applying average 2" thick kankar lime plaster in layers									
RATE ANALYSIS FOR 100 sft										
A)	Details	No.	L	W	H/D	Qty	Unit	Rate	Total Amount	
	Wall Surface	1	10.00	10.00		100.00	sft			
a	1-1/2" surface of Base Layer	1	10.00	10.00	0.125	12.50	cft			
	Dry Mortor (Constant 1.54)					19.25	cft			
	Lime Ratio 1 : 1 : 2					4.81				
1	White Lime 1					4.81	cft	950.00	4571.88	MRK Rate
2	Fine Kankar Lime 1					4.81	cft	750.00	3609.375	MRK Rate
3	Coarse Kankar Lime 2					9.63	cft	520.00	5005.000	MRK Rate
b	1/2" Surface Finishing Layer	1	10.00	10	0.041666667	4.17				
	Dry Mortor (Constant 1.2)					5.00	cft			
	1 White Lime : 3 Kankar Lime (4 Each Part)					1.25	cft			
1	White Lime Quantity (1 Part)					1.25	cft	950.00	1187.50	MRK Rate
2	Fine Kankar Lime Quantity (3 Parts)					3.75	cft	750.00	2812.50	MRK Rate
	Chopped Jute					3.00	Kg	165.00	495.000	11.001
	Total								17681.250	
	10% Contractor profit + 10%Overhead								3,536.25	
	Total "A"								21217.500	
	Per Sft						Sft		212.175	
	Per Sqm						Sqm		2283.833	
B)	Labour									
a	Base Layer 1-1/2" Thick									
1	Mason	4.50				4.50	Per Day	1850.00	8325.00	LB-040
2	Skilled Cooly	3.00				3.00	Per Day	1850.00	5550.00	LB-024
3	Bahishti	2.00				2.00	Per Day	1450.00	2900.00	LB-017
b	Final Layer, 1/2" Thick									
1	Mason	2.00				2.00	Per Day	1850.00	3700.00	CLB-006
2	Skilled Cooly	1.00				1.00	Per Day	1850.00	1850.00	LB-036
3	Bahishti	1.00				1.00	Per Day	1450.00	1450.00	LB-021
c	Labour for Lime Mortar									
1	Skilled Cooly	1.00				1.00	Per Day	1850.00	1850.00	LB-024
2	Bahishti	2.00				2.00	Per Day	1450.00	2900.00	LB-017
	Total								28525.00	
	Sundries @ 10%								2852.50	
	Total With Sundries								31377.50	
	10% Contractor profit + 10%Overhead								6275.50	
	G.Total								37653.000	
	Labour Per Sft						Sft		376.530	
	Labour Per Sqm						Sqm		4052.935	
	Composite									
	Per Sft FOR G &1ST						Sft		588.705	
	Per Sft FOR 2ND &ABOVE								665.237	Added 13% as per MRS

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Description 5.1,5.2							
Repairing existing wood work first class (deodar) (doors, windows and ventilators) including removal of damaged portion, repairing and rectifying damage and reinstalling to match with existing including all hardwares like tower bolt, hinges and earl drawer etc(Measurement of Reinstalled/Repaired Area will be paid), applying approved termicide as per instructions of site incharge:							
Rate analysis for 27 sft						Unit=SFT	
Detail							Ref. no
		Qty	Rate per Unit			Amount	
A	Material						
1	door leaf frame (25'.5 X 0.125' X 0.33'0)	1.05	Cft	12600	per Cft	13254	12.002
2	Wooden panelled (9' X 3' X 0.08')	2.25	Cft	12600	per Cft	28350	12.002
	Wastage @ 5% of 1 & 2	1.65	Cft	12600	per Cft	2080	12.002
3	Tower bolt,hinges,handles and earl drawer etc.	L.S				2500	
4	nail	L.S				100	
5	glue	0.50	Kg.	315.00	per Kg	158	12.039
	Total A					46441	
B	LABOUR						
	carpenter	2.00	Nos	1850.00	per day	3700	LB-029
	helper	4.00	Nos	1425.00	per day	5700	LB-015
	Total					9400	
	Sundries @10%					940	
	Total B					10340	
	Total A+ B					56781	
	Add 20 % (10 % contractors profit + 10 % overheads)					68138	
	PER SFT G &1ST FLOOR					2524	
	PER SFT 2ND & ABOVE					2852	Added 13% as per MRS

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Description 5.3(i)(ii),(iii)							
first class dedar wood partially glazed and partially panelled door with frame size of 20mmx30mm to 35mmx75mm, panel thickness of 12mm to 25mm and 5mm thick glass.							
Rate analysis for 27 sft						Unit=Sft	
Details		Qty	Rate per Unit			Amount	Ref.no
A	Material						
	door leaf frame (25'.5 X 0.125' X 0.33'0)	1.05	Cft	12600	per Cft	13254	12.002
	glass 5mm	2.00	sft	238	sft	476	25.032
	Wooden panelled (9' X 3' X 0.08')	2.25	Cft	12600	per Cft	28350	
	Wastage @ 5% of 1 & 2	1.65	Cft	12600	per Cft	1441	
	Tower bolt,hinges,handles and earl drawer etc.	L.S				3000	
	nail	L.S				250	
	glue	1.5	Kg.	315.00	per Kg	473	12.039
	Total					47243	
B	LABOUR						
	carpenter	2.00	Nos	1850.00	per day	3700	LB_029
	Glazier	1.00	nos	1850.00	per day	1850	LB-037
	helper	3.00	Nos	1425.00	per day	4275	LB-015
	Total					9825	
	Sundries @10%					983	
	total A+B					58051	
	Add 20 % (10 % contractors profit + 10 % overheads)					69661	
						69661	
	GF +1ST F PER SFT					2580	
						78717	
	2F & Above PER SFT					2915	Added 13% as per MRS

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Description (5.4,I,II,III,IV,V), 5.5(I)							
First class deodar wood partially glazed and partially panelled window with frame size of 20mmx30mm to 40mmx75mm , panel thickness of 25mmx63mm to 38mmx100mm and 5mm thick glass							
Rate analysis for 27 sft						Unit=Sqm	
Details		Qty		Rate per Unit		Amount	Ref. no
A	Material						
1	door leaf frame (25'.5 X 0.125' X 0.33'0)	1.05	Cft	12600	per Cft	13253.63	12.002
2	glass 8mm	2.00	sft	236	sft	472.00	12.037
3	Wooden panelled (9' X 3' X 0.08')	2.25	Cft	12600	per Cft	28350.00	12.002
	Wastage @ 5% of 1 & 2	1.65	Cft	12600	per Cft	2103.78	12.002
3	Tower bolt,hinges,handles, nails and earl drawer etc.	L.S				2000.00	
5	glue	1.5	Kg.	315.00	per Kg	472.50	12.039
	Total					46651.91	
B	LABOUR						
	carpenter	3.00	Nos	1850.00	per day	5550.00	LB_029
	Glazier	2.00	nos	1850.00	per day	3700.00	LB-037
	helper	5.00	Nos	1425.00	per day	7125.00	LB-015
	Total					16375.00	
	Sundries @10%					1637.50	
	GF					18012.50	
	1F					18012.50	
	TOAL A+B					63026.91	Added 13% as per MRS
	Add 20 % (10 % contractors profit + 10 % overheads)					75632.29	
	G &1ST FLOOR PER SFT					2801.20	
						2801.20	
	2F & Above FLOOR PER SFT					3165.35	Added 13% as per MRS

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Wooden Partially glazed Ventilators Item No. 5.5 bill no.1							
Description						Unit=Sft	
Providing new wood work for partially glazed type ventilators (excluding frames) in Deodar wood as per design and specifications including approved termicide, fixing in place and repair of adjoining surfaces including hardwares like tower bolt,hinges,handle and earl drawer etc complete in all respect.							
Rate analysis for 3 Sft							
Details		Qty		Rate per Unit		Amount	Ref. no
A	Material						
1	door leaf frame (5.5' X 0.08' X 0.206')	0.091	Cft	12600	per Cft	1,141.56	12.002
	Wastage @ 5%	0.005	Cft	12600	per Cft	57.08	12.002
3	Tower bolt,hinges,handles and earl drawer etc	L.S				250.00	
4	nail	L.S				30.00	
5	glue	0.25	Kg.	200.00	per Kg	50.00	12.039
	Total					1,528.64	
B	LABOUR						
	carpenter	0.25	Nos	1850.00	per day	462.50	LB_029
	helper	0.25	Nos	1425.00	per day	356.25	LB-015
	Total					818.75	
	Sundries @10%					81.88	
	Total B for GF					818.75	
	TOTAL A+B					2,347.39	
	Add 20 % (10 % contractors profit + 10 % overheads)					2,816.87	
	GF & 1ST PER SFT					938.96	
	2nd F & Above					3,183.06	Added 13% as per MRS
	2nd F & Above PER SFT					1,061.02	

Walled City Lahore Authority							
Bhatti to Taxali Phase I "Urban Rehabilitation and Infrastructure Improvement from Bhaati Gate to Katri Haji Allah Baksh Walled City, Lahore"							
Rate Analysis for wooden frame of deodar wood. Item No. 5.6, bill no.1							
Description							
Providing new wooden frame of first class deodar wood as per design and specifications including approved termicide, fixing in place i/c cost of nuts, bolts, nails and hold fasts etc. and repair of adjoining surfaces complete in all respect .							
Frame sizes ranging from 50mmx75mm to 75mmx125mm size for doors as per given drawings and designs							
Rate analysis for 17.3 Rft						Unit=RF	
Details		Qty		Rate per Unit		Amount	Ref. no
A	Material						
	Wooden Frame (0.25' x .41 x 17.3')	1.773	Cft	12600	per Cft	22,343	12.002
	wastage (5%)					1,117	
	nail	LS				90	
	glue	0.65	Kg.	315.00	per Kg	205	12.039
	Total					23,755	
B	LABOUR						
	carpenter	1.00	Nos	1850.00	per day	1,850	LB_029
	helper	1.00	Nos	1425.00	per day	1,425	LB-015
	Total					3,275	
	Sundries @10%					328	
						3,603	
	TOTAL A+B					27,357	
	Add 20 % (10 % contractors profit + 10 % overheads)					32,829	
	PER RF GF					1,898	
	PER RF 2ND AND ABOVE F					2,144	ADD 13% FOR 2ND ABOVE FLOOR

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for wooden frame of deodar wood. Item No. 5.7(ii)							
Description							
Providing new wooden frame of first class deodar wood as per design and specifications including approved termicide, fixing in place i/c cost of nuts, bolts, nails and hold fasts etc. and repair of adjoining surfaces complete in all respect .							
Frame sizes ranging from 75mmx100mm to 100mmx125mm size for doors							
Rate analysis for 17.3 Rft						Unit=Rm	
Details		Qty		Rate per Unit		Amount	Ref. no
A	Material						
	Wooden Frame (0.33 x .41 x 17.3')	2.341	Cft	12600	per Cft	29,493	12.002
	wastage (5%)					1,475	
	nail					90	
	glue	0.65	Kg.	315.00	per Kg	205	12.039
	Total					31,262	
B	LABOUR						
	carpenter	1.00	Nos	1850.00	per day	1,850	LB_029
	helper	1.00	Nos	1425.00	per day	1,425	LB-015
	Total					3,275	
	Sundries @10%					328	
	TOTAL A+B					34,865	
	ADD 20% CONTRACTOR PROFIT					41,837	
	PER RFT 1ST					2,418	
	PER RFT 2ND AND ABOVE					2,733	Added 13% as per MRS

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for P/F Glass Item No. 5.7 (i),							
Description							
Providing and Fixing glass including cutting of glass for given design and size/match to existing without damaging existing/adjacent glass panes fixed with A class deodar wood beading of under given types for windows, doors, ventilators and fanlights complete in all respect including all hardwares.							
Glazed panels having frame size 25mmx38mm to 38mmx75mm and 5mm thick glass.						Unit=sft	
Plane glass							
RATE ANALYSIS FOR 11.55 Sft							
Detail		Unit Rate					Ref. no
		Qty		Rate per Unit		Amount	
A	Material						
	Plane Glass 5mm thick	8.00	Sft	238.00	per Sft	1,904	25.032
	Sub Total					1,904	
	deodar Wood .124'x.25x13.7	0.42	Cft	12600.00	Per Cft	5,351	12.003
	Total A					7,255	
B	Labour						
	Glazier	0.3	No.	1850	per day	463	LB-024
	Cooly unskilled	0.3	No.	1425	per day	356	LB-015
	Total					819	
	Sundries 10%					82	
	Total B GF					901	
	TOTAL A+B					8,156	
	Add 20 % (10 % contractors profit + 10 % overheads)					9,787	20
	PER SFT FOR G 1ST					847	
	PER SFT FOR 2ND AND ABOVE					958	Added 13% as per MRS

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for wood work in katehras Item No. 5.9							
Description						Unit=Sqm	
Providing new wood work in katehras including horizontal safety rail of size under given types in "B" Class deodar wood as per design and specifications including approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect including all hardwares.							
Panelled having a 38mm thick frame and 20mm thick panels.							
Rate analysis for 5 Sft							
Detail			Unit Rate				
			Qty		Rate per Unit		Amount
A	Material						Ref. no
	Frame (0.125' x 7.5'x 0.125')	0.12	Cft	9900	per Cft	1,158.30	12.003
	pannel (0.065' x 5sft)	0.32	Cft	9900	per Cft	3,168.00	12.003
	Wastage @ 5%	0.02	Cft	9900	per Cft	216.32	12.003
	nail	1.00	Kg.	360		360.00	12.148
	glue	0.5	Kg.	315.00	per Kg	157.50	12.039
	Total					5,060.12	
B	LABOUR						
	carpenter	3.00	Nos	1850.00	per day	5,550.00	LB_029
	helper	3.00	Nos	1425.00	per day	4,275.00	LB-015
	Total					9,825.00	
	Sundries @10%					982.50	
	TOTAL A+B					15,867.62	
	Add 20 % (10 % contractors profit + 10 % overheads)					19,041.14	
	PER SFT FOR G & 1ST					3,808.23	
	PER SFT FOR 2ND AND ABOVE					4,303.30	ADD 13%

Walled City Lahore Authority

FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Item No. 5.10							
Description						Unit=Sqm	
Providing and fixing of Wooden Shade roof using 50mmx50mm frame to support 13 mm thick wooden overlapping slits (using first class deodar wood) including 24 SWG GI corrugated sheet roofing and 24 SWG GI sheet flashing embeded at one end into masonry wall with lead wedge @ 300mm c/c i/c all nuts, bolts and glue nails etc. for fixing and making good facade surfaces as per the specifications and designs provided in drawings and as per the instructions of project manager.							
Rate analysis for 12.5 Sft							
Detail		Unit Rate					Ref. no
		Qty		Rate per Unit		Amount	
A	Material						
	panal (5 x 2.5'x 0.125')	1.56	Cft	12600	per Cft	19,656	12.002
	fram (0.16 x .16x10)	0.26	Cft	12600	per Cft	3,226	12.002
	Wastage @ 5%	0.09	Cft	12600	per Cft	1,144	12.002
	nail					50	
	glue	0.5	Kg.	315.00	per Kg	158	12.039
	GI sheet 24swg corrogated 5x2.5+5x2.5 plus wastage	5.6	Kg.	379.00	per skg	2,103	9.009
	Total					26,337	
B	LABOUR						
	carpenter	1.00	Nos	1850.00	per day	1,850	LB_029
	helper	2.00	Nos	1425.00	per day	2,850	LB-015
	Total					4,700	
	Sundries @10%					470	
	TOTAL A+B					31,507	
	Add 20 % (10 % contractors profit + 10 % overheads)					37,808	
	GF AND 1ST					3,025	
	2ND AND ABOVE PER SFT					3,418	ADD 13%for 2nd & above

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Anlaysis for Providing and Fixing of new Wooden Beam of Cheer Wood Item No. 6.1							
Description							
Providing new wooden Beam/Lintel of cheer wood as per design and specifications i/c application of approved termicide ,fixing in place and repair of adjoining surfaces complete in all respect.							
Rate analysis for 5.63 cft					Unit=cft		
Details		Qty		Rate per Unit (Rs.)		Amount (Rs.)	Ref. no
A	Material						
	Wooden beam (0.75'x0.75'x10' ft)	5.63	Cft	2200	per Cft	12,375.00	12.001
	Wastage @ 5%	0.28	Cft	2200	per Cft	618.75	
	Dismantling B/W	1.10	Cft	64	per Cft	70.15	MRS chapter no.4 Sr.no 13
	New B/W 1:4	1.10	Cft	447	per Cft	490.23	MRS chapter no.7 Sr.no5(i)
	C/S plaster 1:3	1.46	Sft	466.16	per Sft	681.77	MRS chapter no.11 Sr.no 8 (c
	Total					14,235.90	
B	LABOUR						
	Carpenter	1.00	Nos	1850.00	per day	1,850.00	LB-029
	Helper	1.00	Nos	1425.00	per day	1,425.00	LB-015
	Mason	0.25	Nos	1850.00	per day	462.50	LB-040
	Total					3,737.50	
	Sundries @10%					373.75	
	B for GF					4,111.25	
	B for1F					4,111.25	
	B for 2F and above					4,645.71	Added 13% as per MRS
C	Carriage						
	upto 1km	10.00	cft	3.32	each		ch.1 item no.1
	Carriage					-	
	Add 20 % (10 % contractors profit + 10 % overheads)						
	GF					19,169.40	
	1F					19,169.40	
	2F					19,810.75	

						3,404.87	
	Total Cost in Cu.F						
	GF					3,404.87	
	1F					3,404.87	
	2F					3,518.78	

Walled City Lahore Authority							
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Description item 6.2, 6.3 and 6.4						unit -sft	
Providing and fixing of deodar wood "grade B" jharoka face with adjacent sides having bottom horizontal baseframe, supporting main frame pillars and transom of 75mmx75mm cross-section and top frame/vents in size 30mmx40mm to receive partially frosted 8mm thick glass supported by main pillars i/c katehra frame of size 50mmx50mm having spindles of 25mm dia i/c all nuts, bolts and glue nails etc. for fixing the jharoka to floor base and side walls all as per the design and specifications provided in drawing no. A-502 complete in all respects to the approval of Project Manager.							
Rate Analysis 116 SFT							
Details		Qty		Rate per Unit (Rs.)		Amount (Rs.)	Ref. no
A	Material						
1	floor rafter	0.1536	Cft	9900	per Cft	1521	12.003
2	base	1.08	Cft	9900	per Cft	10692	12.003
	roof	1.73	sft	9900	per cft	17107	12.003
	sheet(24 guage)	4.00	kg	379	per kg	1516	9.009
3	spindle bar	19.36	cft	7000	cft	135506	Q
4	glass 8mm	7.50	sft	236		1770	12.037
	Wastage @ 5%	1.03	Cft	9900	per Cft	10193	
3	Tower bolt, hinges, handles and earl drawer etc.	LS				2000	
4	nail	LS				250	
5	linseed oil	2.00	KG	275	per kg	550	13.008
6	paint 2coats	11.00	sft	19.54	per sft	215	ch13 sr 5a
7	glue	2	Kg.	315.0	per Kg	630	12.039
	Total					181950	
B	LABOUR						
	carpenter	2.00	Nos	1850	per day	3700	LB-029
	Glazier	0.50	nos	1850	per day	925	LB-024
	helper	4.00	Nos	1425	per day	5700	LB-015
	Total					10325	
	Sundries @10%					1033	
						193307	
	B for GF					194340	
	B for1F					194340	
	B for 2F and above					219604	Added 13% as per MRS
C	Carriage						
	Total (A+B) after adding 5% scaffolding						
	GF						
	1F						
	2nd F & Above						
	Add 20 % (10 % contractors profit + 10 % overheads)						
	GF					233208	
	1F					233208	
	2nd F & Above					263524	
	Cost in Sft						
	GF					2010	
	1F					2010	
	2F					2272	
	Cost in Sqm						
	GF & 1ST					21632	
	2F					24444	

RATE ANALYSIS NO. 6.5										Ref.
Title: Deodar Wood Balcony										MRS
Description										1st
Providing and fixing of deodar wood balcony face with adjacent sides having bottom horizontal baseframe, supporting main frame pillars and transom of 75mmx75mm cross-section and top frame/vents in size 30mmx40mm to receive partially frosted 8mm thick glass supported by main pillars i/c katehra frame of size 50mmx50mm having spindles of 25mm dia i/c all nuts, bolts and glue nails etc. for fixing the balcony to floor base and side walls all as per original design and specifications complete in all respects to the approval of site incharge.										bi Annual 2024
Note: All outer three side will be measured for payment. (Front Consider Straight Height)										
Detail		Unit Rate Per 7.024 Sqm (75.60571 sft)								
		Qty	L	W	H	T.Qty	Unit	Rate	Amount (Rs.)	
A) MATERIAL										12.002
1 Deodar wood									-	
	Pillars	2	0.08	0.08	1.61	0.02				
	Front Katehra Frame	1	0.05	0.05	3.34	0.01				
	Side Katehra Frame	2	0.05	0.05	1.30	0.01				
	25mm Dia Spindles Front and Side (3.14 R.square = 3.14x0.0125 sq=0.00049	23			0.42	0.00				
	Fan Lite Front Frame	1	0.08	0.08	3.48	0.02				
	Extra thickness for angle, Tri angle area x Length, 0.0013125 x 2.8m					0.00				
	Fan Lite Side Frame	4	0.08	0.08	2.14	0.05				
	Fan Lite Glass Frame	1	0.04	0.03	2.29	0.00				
	Fan Lite Side Glass Frame	2	0.04	0.03	2.71	0.01				
	Wall Side Frame	1	0.08	0.08	7.70	0.04				
	Top Joist of side Frame	2	0.04	0.04	0.49	0.00				
	Total Cubic meter					0.16				
	Total Cubic Feet					5.76				
	Wastage 20%					1.15				
	Final Total Deodar Wood					6.91	cft	12600	87,115	12.002
2 Chir Wood										
	Wood Top Board	1	0.03	0.75	1.40	0.03				
	Total Cubic meter					0.03				
	Total Cubic Feet					0.93				
	Wastage 10%					0.09				
	Final Total of Chir Wood					1.02	cft	2200	2,240	12.001
3	Glass Plate 8 mm					9.50	sft	236	2,242	12.037
4	Lead wedge	10					Each	300	3,000	Q
5	G.I Plain sheet 24 S.W.G for Water penetration at joint	1	1.40	0.27		0.38	Sqm			
	G.I Corrugated sheet 24 S.W.G	1	1.40	0.77		1.08	Sqm			
	G.I Corrugated sheet in feets					15.67	sft			
	G.I Corrugated sheet 24 S.W.G weight @ 0.46 kg per sft					7.21	kg	379	2,732	09.009
6	Nails	1					kg	360	360	12.148
7	Screws above 1" long	12					doz.	6	70	12.123
8	Special Clamps with bolts and nuts	10					Each	103	1,030	06.023

9	Glue	1					kg	315	315	12.039
	Total								99,104	
	Add 20 % (10 % contractors profit + 10 % overheads)								19,821	
	Total (A)								118,925	
	Per Sqm								16,931	
	Per Sft								1,573	
B	LABOUR									
1	Carpenter	10					Nos	1850	18,500	
2	Helper	11					Nos	1425	15,675	
	Total								34,175	
	Sundries @10%								3,418	
	Total with Sundries								37,593	
	Add 20 % (10 % contractors profit + 10 % overheads)								7,519	
	Total (B)								45,111	
	Per Sqm								6,422	
	Per Sft								597	
	Composite									
	Per Sqm						sqm		23,354	
	G AND 1ST F						sft		2,170	
	2ND FLOOR						sft		2,452	

Walled City Lahore Authority

Rate Analysis 6.7

Description						
Providing and Laying of Roof (consisting of timber joists 100x 150 @ 300 c.c., cheer wood planks 35 mm thick, matting, polyethene sheeting, sweet earth filling,) excluding floor finish & i/c wood preservative with anchoring of planks to joists & joists to wall complete in all respects using Cheer Wood and as per the instructions of site incharge.						
Rate Analysis for 100sft						
Detail		Unit Rate			Unit=Cft	
		Qty		Rate per Unit (Rs.)	Amount (Rs.)	Ref. noMRS 1ST bi annual 2025
A)	MATERIAL					
1	Wooden Planks (deodar wood2nd Class)(11.5x10x1.37/12 = 13.12)	13.12	Cft	9000	118,080.00	12.003
2	Wooden Planks (deodar wood2nd(11x11.5x0.5x0.33= 20.87 cft)	20.87	Cft	9000	187,830.00	12.003
	Wastage @5% of 1&2	1.70	Cft	9000	15,295.50	12.003
3	Sweet earth	0.50	trali	6500.00	3,250.00	MR
4	Nails	1.00	kg	360	360.00	12.148
	Total (A)				324,815.50	
B)	LABOUR					
i	2 No. Mason	1.00	No.	1850	1,850.00	LB-040
ii	2 No.Coolies unskilled	2.00	No.	1425	2,850.00	LB-015
iii	Carpenter	1.00	No.	1850	1,850.00	LB-029
	Carpenter helper	1.00	No.	1425	1,425.00	LB-061
	Total				7,975.00	
	Sundries @10%				797.50	
	Total (B)				8,772.50	
	Total (B) for GL				8,772.50	
	Total (B) For 1st FL				8,772.50	
	Total (B) For 2nd and above				9,912.93	Added 13% as per MRS
C	carriageb) Above 5 to 13 Km	5.00	job	300.9	1,504.50	. 1 item 16 i b)
	Adding 20% contractor profit + Overhead Charges					
	total for GL & 1st				400,055.60	
	total for FL				400,055.60	
	total for 2nd and above				403,178.61	
	Total per sft GL				4,000.56	
	Total per sft 1ST FL				4,000.56	
	Total per sft 2ND and Above				4,031.79	

Walled City Lahore Authority											
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"											
Rate Analysis kankar lime wash Item No. 8.3											
Description											
Applying three coats of kankar lime wash over plastered surfaces using fine kankar lime powder mixed with white lime , water and approved adhesive including cleaning, preparing and protecting surfaces etc complete in all respects in accordance with the instructions of Project Manager.											
RATE ANALYSIS FOR 100 SFT.											
A)	Material		Q	UNIT			Rate			AMOUNT	Ref. no
1	Fine kankar lime	=	0.10	Cft	@	Rs.	750.00	Per Cft	Rs	75.00	QT
2	White lime after slaking process	=	0.13	Cft	@	Rs.	1085.00	KG	Rs	141.00	7.008
3	glu	=	0.25	KG	@	Rs.	315.00	KG		78.75	12.039
	Total								Rs	294.75	
B)	Labour										
	painter	=	1.00	No			1850.00	Per Day	Rs	1850.00	LB-062
	Total								Rs	1850.00	
	Add Sundries 10%								Rs	185.00	
	Total B for GF									2,035.00	
	Total B for 1F									2,035.00	
	Total B for 2F & above									2,299.55	Added 13% as per MRS
After adding Scaffolding Charges @ 05 %											
	Total for GF										
	Total for 1F										
	Total for 2F & above										
	Carriage										
20 % (10 % contractors profit + 10 % overhead)									Rs		
	Total for GF									465.95	
	Total for 1F									465.95	
	Total for 2F & above									518.86	
	Total cost								Rs		
	Total for GF									2,795.70	
	Total for 1F									2,795.70	
	Total for 2F & above									3,113.16	
	Per Sft								Rs		
	Total for GF									27.96	
	Total for 1F									27.96	
	Total for 2F & above									31.13	
	Per M ²								Rs		
	Total for GF									300.82	
	Total for 1F									300.82	
	Total for 2F & above									334.98	

RATE ANALYSIS NO.8.5					
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"					
Restoration of faded fresco painting/lining as per original design and colour etc complete in all respects.					
Unit of rate = Per sft					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>MATERIAL</u>				
1	Cost of lime, marble powder and pigments etc.	-	-	-	100
	<u>LABOUR</u>				
	Naggash	Day	2.50	1450	3625
	Coolie	Day	1.00	1060	593
	Sundries, T & P etc. (Miscellaneous petty things) @ 10% of labour cost	-	-	-	422
	Total of material and labour				4740
	10% Contractor profit + 10%Overhead				948
	Grand Total Rs.				<u>5688</u>
	Cost per sft for fresco painting			Say Rs.	5688
	Rate for Fresco lining :			Say Rs.	1896
	Cost per sqm for fresco painting			Say Rs.	61200

**FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET ,
WALLED CITY, LAHORE"**

RATE ANALYSIS NO. 8.6

Restoring missing stucco tracery work on walls with 1½" thick kankar lime plaster 1:2:3/4 (one fine kankar lime: 2 coarse kankar lime: ¾ white lime cream) strengthened with finishing coat ½" thick kankar lime mortar 3:1 (3 fine kankar lime: 1 white lime cream) as base coat for stucco tracery work as per existing designs with white lime, zinc oxide, marble powder etc. Complete in all respects (cusped arches and decorative panels) complete

Unit of rate = Per sft					
Ref	Description	Unit	Quantity	Rate	Amount
	Wet Mortar = 100x1/8 = 12.50 Cft				
	Dry Mortar = 12.50 x 1.54 =19.25 Cft				
	For 1.5" thick plaster				
	Fine lime =19.25/3.75	Cft	5.13	640.00	3283
	Coarse lime = 19.25 x2/3.75	Cft	10.27	420.00	4313
	White lime = 19.25 X0.75 /3.75	Cft	3.85	1085.00	4177
	Jute	Kg	2.00	120.00	240
	For 1/2" thick plaster				
	Wet Mortar = 100x1/24= 4.16 Cft				
	Dry Mortar = 4.16 X1.2= 4.99 Cft				
	Fine lime = 4.99 X3/4 = 3.74 Cft	Cft	3.74	640.00	2394
	White lime = 4.99 x1/4	Cft	1.25	1085.00	1354
	Coarse cloth L.S				30
	Stucco Tracery work average 1/2" thick with white lime, marble powder etc				
	Marble Powder (take 40% quantity for stucco work)	% Kg	3.00	210.00	6
	white lime (take 40% quantity for Stucco work)	Per Kg	20.94	1085.00	22720
	total for per sft				385
	Labour				
	for applying plaster & pucca qalli				
	mason	Day	1.00	1450.00	1450
	Skilled cooly @ Rs.1300/- per day	Day	1.00	1450.00	1450
	<u>LABOUR FOR STUCCO TRACERY WORK</u>			1450.00	
	mason	Day	2.00	1450.00	2900
	coolly @ Rs.593/- per day	Day	1.00	1060.00	1060
	Scaffolding, sundries, T & P etc. (Miscellaneous petty things) @ 10% of labour cost	-	-	-	686
	Total of material and labour				7931
	10% contractor's profit + 10% overhead				1586
	Grand Total Rs.				<u>9517</u>
	Cost per Sft			Say Rs.	9517
	Cost per Sq.m			Rs.	102407

Walled City Lahore Authority						
FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"						
Rate Analysis for Providing and fixing of awning 9.5						
Description					Unit -RF	
Providing and Fixing awning MS pipe 18swg 2" dia. MS chanel / patti 2 # GI sheet 18swg welding with paint complete in all respects as per given in drawings.						
Rate analysis for 2.44RM=						
Detail		Unit Rate				Ref. no
		Qty	Rate per Unit (Rs.)		Amount (Rs.)	
A	Material					
	MS chanel	3.28	260.0	kg	853	25.003
	M.S pipe 18 SWG 2" dia	8.40	437.00	Rft	3671	23.084
	M.S Sheet 18 to 20 SWG	31.78	355.00	kg	11282	12.156
	Total				31612	
B	LABOUR FOR FEBRICATION					
	Welder	2.00	1850.00	per day	3700	LB052
	welder helper	1.00	1425.00	per day	1425	LB061
	Welding rod	0.50	1030.00	per day	1030	6.024
	Total				6155	
C	LABOUR FOR ERECTION					
	Welder	1.00	1850.00		1850	LB052
	welder helper	1.50	1425.00		2138	LB061
	Welding rod	0.25	1030.00		258	6.024
	Scaffolder/unSkilled cooly	1.00	1425.00	per day	1425	LB061
	Electrician	0.25	1850.00	per day	463	LB035
	Generator Rent	LS		LS	400	
	Fuel	LS		LS	300	
	Total				6833	
	Total (A+B+C)				44599	
	Sundries @10%				2230	
	Total				46829	
	Added 20 % (10 % contractors profit + 10 % overheads)				56195	
	paint	4.88	31.1	sft	152	ch.13 item 5 a(i+ii)
	Rate per Rm				23093	

7021.71

FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"							
Rate Analysis for Folding Step							
Rate Analysis for Folding Steps Item No.9.6							
Detail		Unit Rate per M ²					
		Qty		Rate per Unit		Amount	REF:2 025
A	Material						
	25mm MS square pipe	3.00	Rf	105.00		315	Q
	MS angle iron (40x40x6mm)	3.00	kg	259.00		777	12.119
	Chir 1st Class (Best Quality)	0.32	cft	2200.00		704	12.001
	rubber cap	8.00	nos	100.00			
	hinges	4.00	nos	310		1,240	12.047
	sleeve	4.00	nos	50			
	Rivets with heads 2½" long	12.00	nos	9		108	25.01
	nails	0.25	KG	360		90	12.148
	Total A					3,234	
B	LABOUR						
	Black smith/weldr	1.00	Nos	1850.00	per day	1,850	LB-028
	Black smith helper	1.25	Nos	1425.00	per day	1,781	LB-061
	Total B					3,631	
	Sundries @10%					687	
	Total A + B					7,552	
	20% Contractor's Profit					9,062	
	Total					16,614	
	Rate per M ²					16,614	
	Rate per Sft					1,547	

FACADE REHABILITATION AND INFRASTRUCTURE IMPROVEMENT OF SPICE MARKET , WALLED CITY, LAHORE"	
Providing and Fixing White floor matt Tiles 24"× 24" of approved quality and design.complete in all respect as per instructions of site supervisor.	
Unit of Rate = 100 SFT	
Material	
Cost of tiles for 100SFT @ Rs 154.75 /SFT	15475
Tile bond 5 bag @ 500/bag	2500
Total A	17975
Labour	
2 No Masson @ 1450/day	2900
2 No helper @ 1060/day	2120
Total B	5020
Total = A+B	22995
Sundries @ 5%	1150
Grand Total A + B	24145
20% Contractor profit and OverHead Charges	4829
Rate PER 100 SFT	28974
	RATE PER SFT 290
	RATE PER Sq.m 3118

8. ANNUAL OPERATING COST (POST COMPLETION)

Financial Components: Capital
Cost Center: OTHERS- (OTHERS)
Fund Center (Controlling): N/A

Grant Number: Engineering - (PC220036)

LO NO: N/A

A/C To be Credited: N/A

PKR Million

Sr #	Object Code	2027-2028		2028-2029		2029-2030		2030-2031		2031-2032	
		Local	Foreig	Local	Foreig	Local	Foreig	Local	Foreig	Local	Foreig
1	A05270-To Others	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

9. Demand and Supply Analysis:

N/A

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION:

10.2 FINANCIAL PLAN DEBT INFORMATION:

10.3 FINANCIAL PLAN GRANT INFORMATION:

10.4 WEIGHT COST OF CAPITAL INFORMATION:

11. PROJECT BENEFITS AND ANALYSIS

11.1 PROJECT BENEFIT ANALYSIS INFORMATION:

The project has large-scaled and long-termed social and economic benefits. The project will result in satisfaction of public. The improved design of buildings & shops are beneficial for residents & traders. The standards of living will be improved. After executing this project, the issues relate to the Traffic shall be eliminate. Project will thus impart social benefits on large scale.

The main indicators will be:

- Increase tourism.
- Better traffic flow.
- Organized space for traders

Improved living standards of the public

11.2 ENVIROMENTAL IMPACT ANALYSIS:

The environmental condition of the area shall highly be improved. The increased water quantity shall help improve the clean environment. The underground upgraded services of storm water and sewerage shall remove nuisance and present the healthy clean environment. The overhead cables shall be removed and replaced with the latest underground electrical system like Package-I and Package-II. This shall show the true historic vivid Lahore Walled City Picture.

11.3 ECONOMIC ANALYSIS:

One of the objectives of the project is save the heritage to attract tourism and to improve the standards of local residents in the area and to work towards a situation.

11.4 FINANCIAL ANALYSIS:

N/A

12. IMPLEMENTATION SCHEDULE

12.1 IMPLEMENTATION SCHEDULE/GANTT CHART:

N/A

12.2 RESULT BASED MONITORING (RBM) INDICATORS:

N/A

12.3 IMPLEMENTATION PLAN:

Implementation Plan				
ID	Description	Start	Finish	Duration
10	Project Start	5/1/2025	6/30/2027	365
20	Staff Mobilization of Contractor	5/1/2025	5/15/2025	14
30	Formulation of Site Office	5/15/2025	6/1/2025	17
40	Establishment of Site office	6/1/2025	6/18/2025	17
50	Surveys of project site	6/18/2025	6/25/2025	7
60	REHABILITATION OF MARKEET	6/25/2025	3/7/2027	310
70	Design and proram sharing with contractor	6/25/2025	7/2/2025	7
80	Social clearance and site hand over to contractors	7/2/2025	7/17/2025	15
90	clearance of Site	7/17/2025	7/24/2025	7
100	removing of cement plaster	7/24/2025	8/23/2025	30
110	consolidation of works	8/23/2025	10/22/2025	60
120	cracks measurement in structure as well as its consolidation	10/22/2025	12/21/2025	60
130	Surface Rendering Works	12/21/2025	3/21/2026	90
140	Plastering Works	3/21/2026	3/30/2026	9
150	making of new washrooms and staff room	3/30/2026	4/21/2026	22
160	flooring Works	4/21/2026	5/1/2026	10
170	Conservation and rehabilitation of historical Building	6/25/2025	5/1/2026	310
180	Design and program sharing with	6/25/2025	7/2/2025	7

	contractor			
190	Social clearance and site hand over to contractors	7/2/2025	7/17/2025	15
200	Excavations	7/17/2025	8/16/2025	30
210	Dismantling/Demolition Works	8/16/2025	8/31/2025	15
220	vaulted roofs consolidation and preservation	8/31/2025	12/29/2025	120
230	Pavement	12/29/2025	5/1/2026	123
240	Landscaping, electrification and illumination	6/25/2025	3/7/2027	60
250	Design and program sharing with contractor	6/25/2025	7/2/2025	7
260	landscaping of garden	7/2/2025	7/17/2025	15
270	installation of electrical equipment	7/17/2025	11/14/2025	30
280	Finishing	11/14/2025	3/2/2026	8

12.4 M&E PLAN:

N/A

12.5 RISK MITIGATION PLAN:

N/A

12.6 PROCUREMENT PLAN:

N/A

13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

N/A

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

N/A

15. CERTIFICATE

Focal Person Name:NAJAM U SAQIB

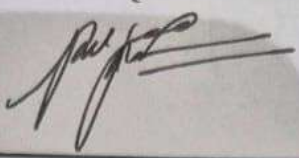
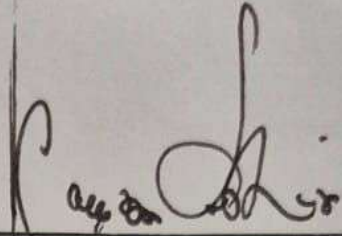
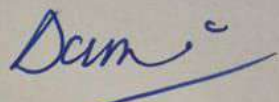
Email:nshiekh65@hotmail.co.uk

Fax No:

Address:54 LAWARNCE ROAD IMDAD BILQEES BUILDING

Designation:DIRECTORE ENGINEERING

Tel. No.:04299204237

	 <hr/> <p>DIRECTOR ADMINISTRATION WCLA</p>
Recommended By	 <hr/> <p>DIRECTOR GENERAL WCLA</p>
Forwarded by.	 <hr/> <p>(Signature) (Stamp)</p> <p>Secretary LG&CD Department Government of the Punjab</p>

Walled City of Lahore Authority

Government of the Punjab

54-Lawrance Road, Lahore Tell off: +92-42-99204201 Fax: +92-42-99204203

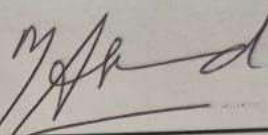
Prepared By



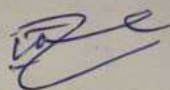
ASSISTANT DIRECTOR ENGG.
WCLA



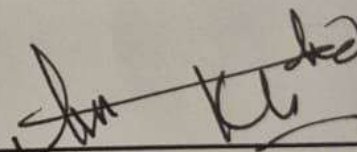
SR. ELECTRICAL ENGINEER
WCLA



DEPUTY DIRECTOR W.S
WCLA



DEPUTY DIRECTOR S&SW
WCLA



SENIOR ARCHITECT
WCLA

Checked By



DIRECTOR ENGINEERING,
WCLA

Walled City of Lahore Authority

Government of the Punjab

54-Lawrance Road, Lahore Tell off: +92-42-99204201 Fax: +92-42-99204203

18. RELATION WITH OTHER PROJECTS

20. FOCUS ON MARGINALISATION

SR.NO.	CRITERIA	YES/NO	ACTION	COMMENTS
Description & Objectives				
1	Do the description / Objectives of the PC-I specify link / alignment with provincial strategies and sectoral policies?	NO		
Use of Gender Disaggregated Data				
1	Was gender disaggregated data used to determine rationale / need of the project for select beneficiaries?	NO		
Social Impact				
1	Do project objectives/justification include focus on marginalised groups (women, PWDs, minorities, transgender, poor etc.)?	NO		
1a	Have marginalised groups (Women, PWDs, Minorities, Transgender Persons, Poor etc.) been included in project objectives / justification and / or as beneficiaries of the project?	NO		
2	Does the PC-1 include specific provisions for capacity building / training of marginalised group (if applicable)?	NO		
Results Based Monitoring				
1a	Does the PC-I include a Results Based Monitoring Framework (RBMF)/Logical Framework?	NO		
2	Were SDG indicators used for determining targets included in the PC-I?	NO		
Inclusion/Participation				

1	Did the Stakeholder consultation(s) held during ADP Formulation and / or PC-I development include experts and representatives of marginalised groups and CSOs?	NO		
Monitoring & Evaluation				
1	Does the project provide a role to communities in project monitoring and/or implementation (if relevant)?	NO		
2a	Does the project include formation of a Steering Committee and/or Project Implementation Committees?	NO		
2b	Is there a provision to ensure representation of women in these committees?	NO		