LOCAL GOVERNMENT & COMMUNITY DEVELOPMENT DEPARTMENT



Punjab Cities Program

PC-I Form

For

CONSTRUCTION OF 1 NEW PARK IN JHELUM CITY

ESTIMATED COST: PKR 156.10 MILLION (Based on MRS 1st Biannual 2023)

March 2023

MUNICIPAL COMMITTEE, JHELUM

Punjab Cities Program PC-I Form

Construction of 1 New Park in Jhelum City

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PC-I FORM FOR CONSTRUCTION OF 1 NEW PARK IN JHELUM CITY, DISTRICT JHELUM

Project Serial Number:

Sector:	Social Sector
Sub Sector:	Parks

1. Name of the	Punjab Cities Program Construction of 1 New Park in Jhelum City				
project					
2. Location	Jhelum town is located at 32.9425° N, 73.7257° E. Jhelum is a city on the east bank of the Jhelum River, which is located in the district of Jhelum in the north of Punjab province, Pakistan. It is the 44th largest city of Pakistan by population. Jhelum is located a 1-hour and 30 minutes' drive from the Capital of Pakistan Islamabad, and 3 hours' drive from the heart of Punjab Lahore. Jhelum is linked with these cities through the National Highway N-5. Several cities are within 1 to 2 hours' drive including Gujrat, Gujranwala, Chakwal and Mirpur, Azad Kashmir.				
Sr. No. Name of Park			Lo	ocation	
	1	Kala Gujran	73.69652"E	32.97646"N	
	The location map of 2 parks is attached at Annexure-A .			۹.	
3. Authorities respo	onsible for				
i- Sponsoring	Governm	ent of the Punjab (through Wo	orld Bank Fundi	ng under PCP)	
ii- Execution	Municipal Committee, Jhelum				
iii- Operation and Maintenance	Municipal Committee, Jhelum				
iv-Concerned Provincial Department	Local Gov the Punja	vernment and Community Dev b	velopment Depa	artment, Govt. of	

4a. Plan Provision			
i. If the project is included in medium	Punjab Cities Program (PCP) is a World Bank F total cost of 236.00 million USD and comprise components;	•	
term/five-year plan, specify	Total loan from World Bank	200.00 million USD	
actual allocation	Component-1 Infrastructure development (P4R)	180.00 million USD	
	Component-2 Technical Assistance	20.00 million USD	
	MCs share (20% of P4R component) equivalent to:	36.00 million USD	
	Total Program cost	236.00 million USD	
This program is included in the medium term / five-year plan and he funded now in ADP 2022-23 - under General Serial No-1769 with f allocation of PKR million under PCP for Jhelum city.ii- If not included in the current plan, what warrants its inclusion and how it is now proposed to be accommodatedNot applicable		No-1769 with financial	
iii If the project is proposed to be financed out of block provision indicate.	The Project is being financed by World Bank as donor along with 20% co-financing from the Program MCs and is not proposed to be financed out of Block Allocation.		
4b- Provision in the current year PSDP/ADP	Rs.398.29 million under ADP 2022-23.		

5. Project	Sector Obje	ectives			
objectives and its relationship	The sector objectives include:				
with sector objectives	2. Clean 3. Effect 4. Socia space 5. Capa	 Community development through improving basic infrastructure. Clean and green environment for better living standards. Effective use of land through master planning of urban areas. Social uplifting and cohesion through rehabilitation of public open spaces and playgrounds. 			
	Objectives	of the Project			
	The Project aims at rehabilitation of existing park and construction of park with the construction/rehabilitation of facilities like Jogging tra Sitting spaces, Toilets, Cafeterias, etc. The Project has the follow objectives;				
	 The project's main objective is to rehabilitate the existing parks with the upgradation to the existing & new facilities to provide the local community a recreational space with all the allied facilities. The project also aims to construct a new park equipped with all the facilities that should be provided in a thriving neighborhood. To create safe neighborhoods for the peoples. To create valuable green spaces. To enhances the aesthetic beauty of the city. To contribute the health and wellness of the community. Ornamental plants, green areas & rain water harvesting structures. Hence the objectives of the project are in line with the sector objective & project forms integral part of the concerned sector. 				
6. Description, just	ification, tech	hnical parameters, and technology transf	er aspects		
i. Present Condition	The city has space for 1 new park and 1 existing park in the city and the conditions of the facilities in the parks are not up to the mark. Some of the main key features of the park like Lighting, toilets for females, cafeterias doesn't even exist. The names of these park are mentioned below.				
	Sr. No.	Name	Area		
	1	Kala Gujran Park	5 Acre		

ii	. Description of	The project comprises rehabilitation of 1 existing parks with the		
	the sub-project addition/replacement of damaged item/facilities and construct			
		new park. (Total Area 14 Acre).		

	Sr No	Project	Scope	Detail Scope of Work	Area of Park
iii. Detail of civil works, equipment & machinery, and other physical facilities	1	Kala Gujran Park	Construction of Park	Construction of Walkway Construction of Boundary wall Construction of Main Gate Construction of Toilet Block Construction of Cafeteria Construction of Gazebos Installation of New Benches Installation of New Swings Construction of Rain Water Storage Tank Construction of Rain Water Sports Area Construction of Net Cricket Construction of Rain Water Shelter Construction of Jogging Track	5 Acres
iv Indicate governess issues of the sector relevant to the project and strategy to resolve them	•	The smooth sailing of the Punjab Cities Program can only be assured when the required staff for maintenance is available with MC Jhelum. The repair and maintenance of the parks seem to be not up to the mark in the city because of lack of the manpower. The manpower needs to be increased and for that purpose, more staff needs to be hired for the maintenance.			

7- Capital Cost of Project	The sumr	nary of the works included in the project is g	iven below;	
-	Sr. No.	Description	Cost (PKR)	
	A	CIVIL WORKS	123,060,024	
	B	ELECTRICAL WORKS	8,787,770	
	C	WATER SUPPLY AND SEWERAGE WORKS	6,852,675	
		Sub-Total (A+B+C)	138,700,469	
		Contingencies @2%	2,774,009	
		PST @%	6,935,023	
		Environmental and Social Mitigation cost	753,000.00	
		Escalation @ 5%	6,935,023.46	
		Total Cost	156,097,526	
		Total Cost (Million)	156.10	
	See Annexure-B for details.			
 Indicate date of estimation of the project cost 	The project estimates have been framed during the month of March 2023.			
ii- Basis of determining the estimates be provided.	The cost estimates have been framed on the basis of bill of quantities actually measured at site and unit rates from the Market Rate System (MRS) issued by the Government of Punjab (Jhelum 1 st biannual 01-0 2023 to 30-06-2023).			
		not available in the MRS, the same have be market rates on the basis of quotations atta	• •	
iii- Provide year wise estimation	The phys following	ical and financial requirements, year-wise ar table:		
of physical activities	Sr. No.	Description	Year 2023-24	
	1	CIVIL WORKS	100 %	
	2	ELECTRICAL WORKS	100 %	
	3	WATER SUPPLY AND SEWERAGE WORKS	100 %	
	4	TAXES	100 %	

iv- Phasing of capital cost on the basis of	The phasin	ig of capital cost of the project is included in t	he following table:	
each item of work.	Sr. No.	Description / Items	Year 2023-24	
WORK.	1	CIVIL WORKS	123,060,024	
	2	ELECTRICAL WORKS	8,787,770	
	3	WATER SUPPLY AND SEWERAGE WORKS	6,852,675	
		Sub-total (A+B+C)	138,700,469	
		Contingencies @2%	2,774,009	
		PST @5%	6,935,023	
		Environmental and Social Mitigation cost	753,000.00	
		Escalation @ 5%	6,935,023.46	
		Total Cost	156,097,526	
		Total Cost (Million)	156.10	
and source of financing 9- Demand &	Existing s	upply level		
Supply Analysis i- Existing Capacity of	Presently, there are 3 existing parks at different locations and all of them have lacked in basic infrastructure of parks like toilets, cafeterias, jogging tracks and walkways etc.			
services	Therefore, rehabilitation of existing parks is inevitable to provide healthy environment to the community in Jhelum city.			
ii- Projected Demand for 10 years	The current population of Jhelum city is 199,211 and the estimated population of Jhelum city in 2032 will be 248,855. Jhelum city currently have 2 existing parks and they can be categorized as City, Community and Mohalla parks. As per the National Reference Manual categorization for the parks, the city is already have less number of parks as compared to the demand. So the rehabilitation and the construction of new parks is required in the next 10 years to meet the demand of the city.			
iii- Capacity of other similar projects being implemented in	No other project of this nature is being implemented in the public as well as private sector because of funding constraints in the MC.			

public/private sector				
iv- Supply and Demand gaps	Presently, there are 3 existing parks at different locations and both of them have lacked in basic infrastructure of parks like Park Lights, cafeterias, walkways etc.			
v-Designed capacity and output of the project	The existing parks needs to be rehabilitated and upgraded with the new infrastructure and replacement of damaged-nonfunctional items. The new park needs to be constructed as there is no park in the Kala Gujran area Total areas of the parks to be established is 14 Acres.			
10. Financial Plan Sources of financing	Below given loan for the Punjab Cities Progr Bank for 16 PCP cities in Punjab.	am has be	en funded by World	
<u>Debt</u> a) Indicate the	Total loan to Government of Pakistan/Punja	ab	200 million USD	
local and foreign	Component-1 for Infrastructure Developme	180 million USD		
debt Loan	Component-2 for Investment Project Financing For capacity building of MCs & three Govt. organization 20 million USD and program management.			
	20% share of Municipalities is equivalent to	36 million USD		
	Total funds available for Infrastructure Development 216 million USD			
	This project will be funded under this financing.			
b) Equit y	A. Loan / Grant to MC The amount of loan converted to grant PKR 156.10 million. The financing of below:			
	Grant to Unit for the year 2023-24 PKR 12 (80% of Cost of PC-I)		4.28 million	
	20% Co-finance by MC (20% of the Cost of PC-I)	PKR 31.	.22 million	
	Total available funds (Total Cost of PC-I)	PKR 15	6.10 million	
	Project Cost: PKR 156.10 million	<u> </u>		

	*The loan is from World Bank to Government of Pakistan/Punjab, which will trickle down to MC Jhelum as grant.	
c) Grants	No grant is being given by Government of Punjab out of ADP funds. T World Bank loan to Government of Pakistan / Punjab will trickle down grant to MC Jhelum.	
d) Weighted cost of capital	Nil	

11-Project benefits	11-Project benefits and analysis				
i.Financial (including cost- benefit ratio): Income to the project with assumption	Annexure-C.				
ii.Social benefits to the target group					
iii.Environmental Impact negative / positive	Annexure-E.				
iv.Quantifiable project outputs	The quantifiable project out puts have been given above in Sr. No-9 (V). The social benefits to the citizen have been described at Sr. No-11 (ii). The Economic Analysis, of the project have been attached at Annexure-C				
v.Unit cost	The unit cost analysis is produced below;				
analysis	Project Capital Cost	PKR 156.10 Million			
	Population of the city in year 2022	199,211persons			
	Unit capital cost per capita	PKR 783.00 PKR.			

vi.Employment	Employment Analysis								
generation	Direct Employment								
(Direct and indirect)	Planning and Design of Projects The planning and design of the project has been entrusted to local consultant who have appointed staff and experts in related disciplines along with their support staff. The consultant will also appoint their staff for resident supervision of the project under this PC-I.								
	 b) Execution of the Project a) PMDFC PMDFC has the project monitoring and supervisory role and the company has enough experts and staff to complete this assignment. PMDFC has already deployed under mentioned staff for these projects: Civil Engineers / architects Accounts, administration and audit personnel Urban planners GIS experts Support staff like computer operators, vehicle drivers, office boys and guards. Procurement experts Communication experts Contract management experts Contract management experts b) Consultants PMDFC has employed (M/s MM PAKISTAN) as consultants for detailed design and resident supervision of the projects who will deploy their staff for execution of the project. c) Municipality Jhelum MC has regular staff like engineers, sub engineers and other administrative & accounts keeping staff which will be responsible for execution of the project and contract management. No additional staff will be needed for execution of this project d) Contractor The contractor responsible for execution of the sub project will employ technical staff, technicians and skilled / unskilled labor on this work. 								
	Indirect employment for production of material such as cement, steel,								
	bricks, steel windows / doors, benches, gates will be generated.								
vii.Impacts of delays on	Delays in the project will cause the total cost of the project to go up. The sensitivity analysis table shows (Attached as Annexure-C) the net								

project cost and	present value of the project if the delay causes the total cost of the project
viability	to rise by 10 percent.
12-Implementation	Schedule
a) Indicate starting and completion date of the project	The project is anticipated to commence by April 2023 and to be completed by July 2023 with project implementation period of 06 months .
b) Item wise/year wise schedule in line chart	The Gant chart has been attached as Annexure-D .
13- Management St	ructure and manpower requirements
i. Administrative	Execution of the project
arrangements for the implementation of the project	• The project will be executed by MC Jhelum and will be supervised by the Consultants appointed by PMDFC in resident supervision mode. The technical staff & experts in PMDFC will oversee, coordinate and collaborate in the project planning, design and implementation through their experts in head office located in Lahore and regional offices. The reporting of progress to LG & CDD & World bank and troubleshooting will also be responsibility of PMDFC.
	• MO (I&S) of the MC has been designated as Project Manager /Engineer in Charge of the project. The supervision of the works will also be carried out by these municipal officers along with their support engineering staff. All supervisory staff is available with MC.
	• The Procurement Committee of MC Jhelum will do the procurement of works and goods as per PPRA Rules.
ii- The manpower	a) PMDFC experts and staff
requirements by skills during execution and operation of the project and;	For rendering assistance in implementation of infrastructure projects in 16 MCs, PMDFC has the experts and staff in the required fields. In order to facilitate the Program Units, three regional offices have been established by PMDFC at Gujranwala, Faisalabad and Multan.
The job description, qualification, experience, age and salary of each post	b) Resident Supervision Consultants The project will be supervised by the consultants. The tentative staff to be employed / deployed by the consultants for the certification of quantities of works and resident supervision of the project is given below;

	Sr. No.	Personnel	No.	Qualification							
	1	Chief Resident Engineer/Team Leader	01	BSc;/BE in Civil engineering with minimum 20 years' professional experience or MSC; Civil Engineering / Public Health Engineering / Environmental Engineering with Bachelor in Civil Engineering and minimum 15 years, experience, with 5 years on similar assignments in both cases							
	2	Senior Engineer	01	BSc/BE Civil engineering with minimum 08 years' relevant design experience or MSc engineering, with 5 years on similar assignments in both cases							
	3	Resident Engineer	01	BSc/BE Civil engineering with minimum 10 years' experience in site supervision and execution for projects of similar nature.							
	4	Environmental Specialist and Social/Resettlement Specialist	01	BSc Environmental Science / Social Science with minimum 10 years of experience							
	5	Assistant Resident Engineer	01	Bachelor Degree in Civil engineering with minimum 8 years' experience in site supervision and execution for projects of similar nature							
	6	Site Inspectors	01	DAE in Civil with minimum 10 years' experience in site supervision for projects of similar nature							
	7	Quantity Surveyor	01	DAE in Civil Technology with minimum 10 years' experience in estimation & costing of projects of similar nature. The person having public sector projects will be preferred.							
	8	AutoCAD Operator	01	DAE in Civil Technology with minimum 5 years' experience in preparation of drawings for projects of similar nature. (Situated at Lahore office)							
c)	Con	tractor's Technical	Staf	f, Skilled & Un Skilled Labour							
	& un	The contractors will employ the supervisory technical staff and skill & unskilled labor for execution of works. The works will be supervis by experienced Engineers and sub engineers and the number of slo									

	for engineers and skilled and un-skilled will depend upon the type and quantity of work and its period of completion.
	d) Repair & Maintenance of the Project
	MC has its own regular staff which has been deployed for repair and maintenance of the municipal services infrastructure. However, it has been observed that the existing staff is not adequate to repair and maintain the services in a manner which can give good service delivery. Hence it is proposed to;
	Fill up the presently vacant slots
	 Recruit additional staff as per need of the infrastructure after obtaining the sanctions from the competent authorities.
14-Additional	Shortage & Frequent Transfers of Provincially Appointed Staff
projects /decisions required to optimize the investment being undertaken	The MC is facing shortage in provincially appointed and locally appointed cadres. This will seriously affect the pace of progress of the program and the implementation of the infrastructure projects may be delayed. Provincial Government should fill-up the vacant staff immediately for optimizing the investments and capacity building in MC.

15-Certificate	Certified that the project proposal has been prepared on the basis of guidelines provided by the Planning Commission for the preparation of PC-I for social sectors projects.
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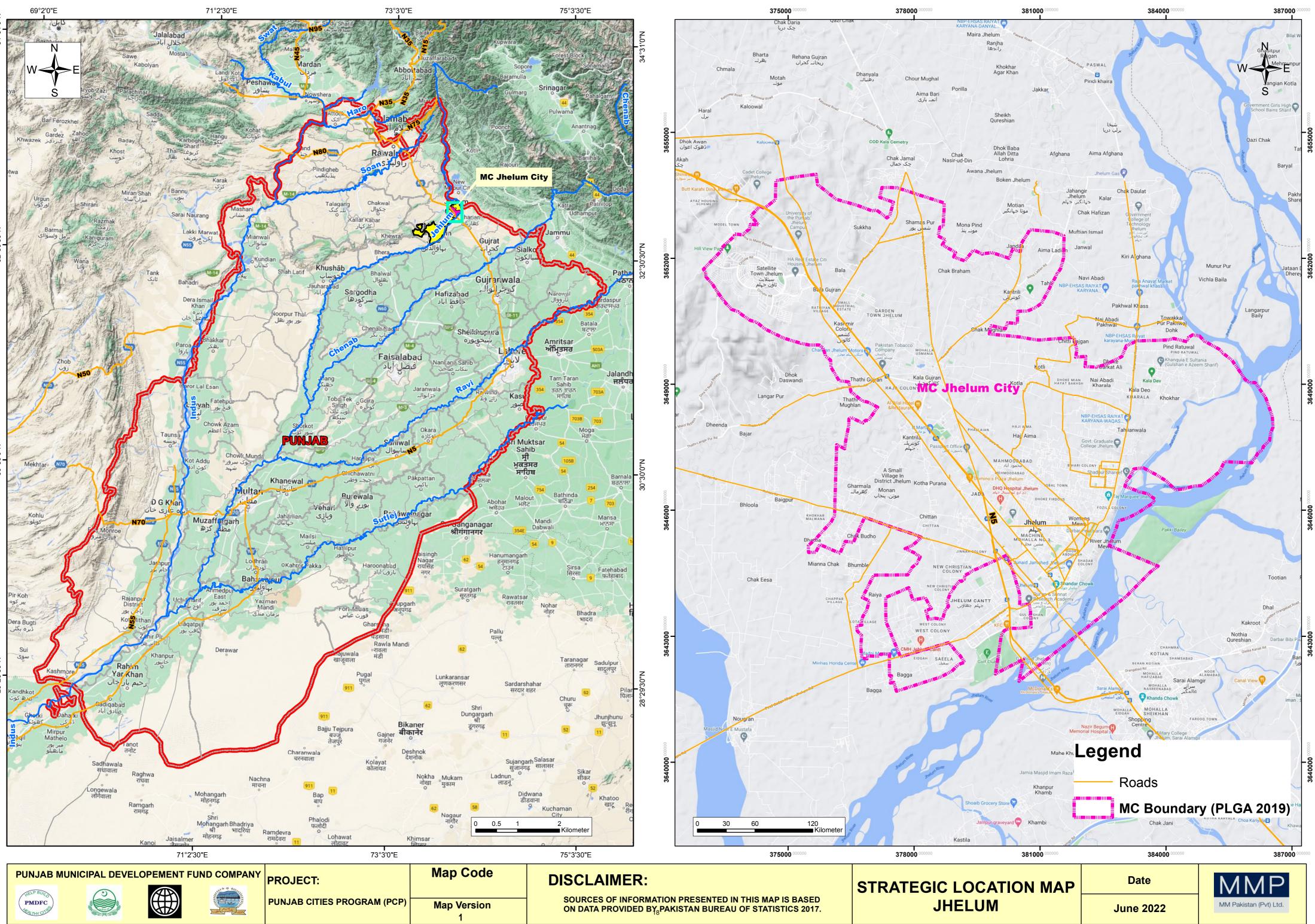
Prepared by	M/s MM Pakistan (Pvt) Ltd	Stamp & Signatures	
Checked by			
	Municipal Officer (Infrastructure) Municipal Committee Jhelum	Stamp & Signatures	

	Chief Officer Municipal Committee Jhelum	Stamp & Signatures	
Forwarded	Administrator		
by	Municipal Committee Jhelum	Stamp & Signatures	

ANNEXURES

ANNEXURE – A

Location Map



ANNEXURE – B

Cost Estimates

DETAILED DESIGN OF INFRASTRUCTURE SUB - PROJECTS SECTOR CONSTRUCTION OF KALA GUJRAN PARKS IN JHELUM CITY SUB PROJECT - SECTOR PARK

GENERAL ABSTRACT OF COST

Sr. No	Item Description	Amount (Rs)
Α	CIVIL WORKS	
1	Kala Gujran Park	
	Jogging Track	1,911,650
	Pathways	2,494,960
	Boundary Wall	6,675,493
	Grass, Tree Plantation	26,872,92
	Public toilet	1,492,30
	Cafeteria	5,067,00
	Indoor Play area (6500 Sft)	78,000,00
	Guard Room	545,70
	Sub Total of (A) Cost (Rs) - Civil Works	123,060,02
В	ELECTRICAL WORKS	
3	Kala Gujran Park	8,787,77
	Sub Total of (B) Cost (Rs) - Electrical Works	8,787,77
С	WATER SUPPLY AND SEWERAGE WORKS	
5	Kala Gujran Park	6,852,67
Sub	o Total of (C) Cost (Rs) - Water Supply and Sewerage Works	6,852,67
	Total Cost (Rs) A + B + C	138,700,46
	Add 2% Contingency	2,774,00
	Add 5% PST	6,935,02
	IEE Implementation Cost	753,000.00
	Escalation @ 5%	6,935,023.4
	Total Cost in (Rs)	156,097,52
	Total Cost in (Million)	156.1

COST ESTIMATE FOR JOGGING TRACK

Sr.	Chap	ltem			N	leasureme	nt				Amount in
#	Ref	No.	Description	Νο	L	В	D/H	Quantity	Unit	Rate	PKR
	MRS, 1st BI-ANNUAL - 2023(01-01-2023 to 30-06-2023)							DISTRICT J	HELUM		
1			Jogging Track (Area calculate by autocad)	1		9972.00		9,972.00	Sft	31.60	315,132.65
2	6	52-a-ii	Providing and fixing precast Edge Kerb Stone (4"to 6" thick), of 3500 PSI Compressive Strength, embeded in PCC 1:2:4 over lean concrete 1:4:8 etc complete in all respect. a) Without Painting (ii) 18" high								
				2	1662.00			3324.00	Rft	480.3	1596517.20
										S.Total	1,911,649.85
	Cost in Million's								n Million's		1.91

CONSTRUCTION OF KALA GUJRAN PARKS IN JHELUM CITY

			ROUGH COST E	S1	ΓΙΜΑ	TE FOI	R JOGO	SING TR	ACK			
			CONSTRUCTION OF	KA	ALA G	UJRAN	PARKS	IN JHELI	JM CITY			
					For	100 Sft						
	, I		BACK UP C	AL	CULA	TIONS	OF QUA	NTITIES	1	1	1	
Sr.	Chap	ltem	Description	No		Measurer			Quantity	Unit	Rate	Amount in PKR
#	Ref	No.	MRS, 1st BI-ANNUA	<u> </u>	L 2023	B	D/H -2023 to	30-06-203				
1	3	6	Regular excavation dressed			(01-01-	2020 10	00-00-202				
-	_	-	Jogging Track	1	10.00	10.00	1.00	100.00	0.100	1000 cft	4726.7	472.67
			Earthowrk in ordinary soil for embankm									
2	3	5	(30 m), including ploughing and mixing harrow or other suitable equipment, an			•	or disc					
L	Ŭ	Ū	mechanical means at optimum moistur	e c	onten	-	essing to					
			designed section, complete in all respe	ects	;:-							
			i) 95% to 100% maximum modified AASHO dry density									
				1	10	10	0.5	50.00	0.050	1000 cft	9963.4	498.17
3	3	17	Transportation of earth all types when t including the lead covered in the item o									
5	5	17	ft. (300 m)	JI VV	юп, к	s more u						
			a) upto ¼ mile (400 m).				4472.3					
			b) for every 330 ft. (100 m) additional									
			lead or part thereof, beyond ¼ mile (400 m) upto one mile.		12	36.85	442.2					
			(1.6 Km.)									
			c) for every ¼ mile (400 m) additional lead or part thereof,		3.5	323.5	1132.3					
			beyond one mile (1.6 Km.) upto 5 mile (8 Km). 3km is taken		5.5	323.0	1152.5					
							6046.8	50.00	0.05	1000 cft	6046.8	302.34
4	Anal		Pea Gravel surfacing									
	attac	cned	Jogging Track	1	10	10	0.17	17.00	17.000	1 Cft	111.00	1,887.00
				•		.0	0.17					1,001.00
			Total Cost per 100 Sft									3,160.18
			Cost pr Sft									31.60

DETAILED DESIGN OF INFRASTRUCTURE SUB - PROJECTS SECTOR

CONSTRUCTION OF KALA GUJRAN PARKS IN JHELUM CITY

MEHMOOD PARK

Rate Analysis for providing and laying Pea Gravel

Describition	Unit Rate (British System) per 100 Cft							
Describtion	Qty	Rate per Unit	Amount (Rs)					
Material								
Pea Gravel 100 % MRS 07.003 = Rs. 6100/100Cft	100	61.00	6,100.00					
Sweet clay 00 % MRS 07.003 = Rs. 500/100Cft		5.00	-					
		Total	6,100.00					
Labour								
Coolies un-skilled	3 - Nos.	1050	3,150.00					
		Total	3,150.00					
Total labour + material			9,250.00					
20% Contractor's O.H. & Profit	Rs.	0.20	1,850.00					
Total for 100 Cft			11,100.00					
Composite rate per 100 Cft			11,100.00					
Composite rate per Cft	Rs.	111.00	111.00					

COST ESTIMATE FOR PATHWAY

CONSTRUCTION OF KALA GUJRAN PARKS IN JHELUM CITY

Sr.	Chap	ltem	Description		No Measurement		0	11	Dete		
#	Ref	No.	Description	NO			D/H	Quantity	Unit	Rate	Amount in PKR
			MRS, 1st BI-ANNUAL -	202	3(01-0	1-2	2023	to 30-06-	2023) DIST	RICT JHELUM
1			Pathway (Area calculate by autocad)	1	732	20		7320	Sft	204	1,491,133.04
3	6	52-a-ii	Providing and fixing precast Edge Kerb Stone (4"to 6" thick), of 3500 PSI Compressive Strength, embeded in PCC 1:2:4 over lean concrete 1:4:8 etc complete in all respect. a) Without Painting (ii) 18" high								
			2 1045.00 2090.0						Rft	480.3	1,003,827.00
										S.Total	2,494,960.04
	Cost in Million's 2.4								2.49		

		ROUGH CO	DST	ESTI		FOR I	PATHW	AYS			
		CONSTRUCTION (OF ∤	(ALA G	UJRAN	PAR	KS IN JH	ELUM CIT	Y		
				For	100 Sft						
		BACK UP CALCU	JLA ⁻		OF QUA	NTITIE	ES FOR	PATHWA	(
Chap	Item				Measu	rement					
Ref	No.	Description	No	L	В	D/H	Qty	Quantity	Unit	Rate	Amount in PKR
				_			-				
		MRS, 1st BI-ANN	UAL	- 2023	(01-01-	-2023 t	:0 30-06-	2023)DIS	STRICT J	HELUM	
3	6	Regular excavation dressed									
		Pathway	1	10.00	10.00	1.00	100.00	0.10	1000 cft	4,726.70	472.67
6	2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50									
			1	10.00	10.00	0.42	42.00	0.42	100 cft	9,900.00	4,158.00
10	41b	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. b) 60-mm thick									
		50 % grey / 50 % coloured a) 60 mm thick	1	10.00	10.00		100.00	100.00	Sft	157.40	15,740.00
		Total Cost per 100 Sft									20,370.67
		Cost pr Sft									203.71

Sr.

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				CO	NSTRUCTION OF KALA GUJRAN	PA	RK	S IN JHE		Y
District	Jhelun	n								
City	Jhelur	n			Data Analysis for Dair					
Quarry	Margal	la Hills			Rate Analysis for Bajr	1				
Lead	135	Km								
Cr. No.	М	rs.			Description of Item			Dete	A	Damarka
Sr.No	Chap	ltem			Description of Item	U	nit	Rate	Amount	Remarks
1	1	1		Carriage aggregat 150 Cft.	<u>r Carriage</u> e of 100 Cft. (2.83 cu.m) of all materials like stone te, spawl, kankar lime (unslaked), surkhi, etc. or (4.25 cu.m) of timber, by truck or by any other wned by the contractor.					
				1st	Km	100	Cft	305.40	305.40	
				2nd	Km	100	Cft	145.65	145.65	
				3rd	Km	100	Cft	114.10	114.10	
				4th	Km	100	Cft	81.20	81.20	
				5th	Km	100	Cft	75.85	75.85	
				6th 7th	Km	100	Cft	74.60	74.60	
				8th	Km	100	Cft	69.60	69.60	
				9th	Km	100	Cft	68.85	68.85	
				10th	Km	100	Cft	64.75	64.75	
					Km	100	Cft	60.75	60.75	
					to 135 Km : 135 - 10 = 125 x 52.20 Sub - Total (A)	100	Cft	6,525.00	6,525.00 7,585.75	
			B)	Extra Ca	arriage for 22 Cft Material = 7,585.75 x 0.22 Sub - Total (B)	100	Cft	1,668.87		 The quantity of crushed stone aggregate for payment of carriage shall betaken as per actual loose volume but not
			[50 Cft	Total (A+B)				9,254.62	more than 122 Cft.
					For 100 Cft For Per Cum				9,254.62 3,268.24	

ROUGH COST ESTIMATE FOR PARK MAIN ENTRANCE GATE & BOUNDARY WALL CONSTRUCTION OF KALA GUJRAN PARKS IN JHELUM CITY

S.No	MRS.	Ref	Description	No	Measurement			Quantity	Unit	Rate	Amount in PKR
_	Ch	ltem			Length	Breadth	Height			1	1
			Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead								
			composite rate by or upto one chain (30 m) and lift upto 5 ft. (1.5 m)								
1	3	21.D.II	b) By Excavator Main Gate Columns	3	3.00	3.00	4.00	108.00			
							4.00	72.00			
			Small Gate Columns Total Length of Boundary wall	2	3.00 560.00	3.00	4.00	72.00			
			after deduction of columns	1	377.00	2.00	3.00	2,262.00			
			Boundary wall columns	61	3.00	3.00	3.00	1,647.00			
			Total	01	0.00	0.00	0.00	4,089.00	1000.Cft	8,045.40	32,897.6
2	3	13-a	Rehandling of earthwork:					1,000.00		0,010.10	02,00110
			a) Lead upto a single throw of Kassi, phaorah or shovel		4,089.00		0.80	3,271.20			
			Total:					2 274 20	1000 0#	0.500.70	0.007.0
3	6		Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate, Ratio 1:4:8					3,271.20	1000.Cft	2,539.70	8,307.8
			Cata Calumna		2.00	2.00	0.00	0.01			
			Gate Columns Small Gate Columns	3	3.00	3.00 3.00	0.33	<u>8.91</u> 5.94			
			Boundary wall	1	377.00	2.00	0.33	248.82			
			Boundary wall columns	61	3.00	3.00	0.33	181.17			
			Total					444.84	100 Cft	27,777.30	123,564.5
	6		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								

	6	6-a.i.3	(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-								
4	e	6-a.i.3	(3) Type C (nominal mix 1: 2: 4)								
4	0	0-a.i.J	Cata Calumna	2	0.75	0.75	12.42	22.65			
			Gate Columns	3		0.75	13.42	22.65			
			Footing	3		2.50	1.00	18.75			
			Sub-Gate Columns	2	0.75	0.75	13.42	15.10			
			Footing	2	2.50	2.50	1.00	12.50			
			Total					68.99	Cft	539.60	37,229.03
5	6	12-b	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):-								
			Grade-40								
			Qty as per RCC in Columns	6 75	Lb/Cft	68.99	Cft	201.51			
			Sub total	0.70		00.00		201.51	Lbs		
								91.40	100.Kg	31,396.15	28,697.44
6	7	7-i	Total Weight in Kg Pacca brick work other than building upto 10ft. (3 m) height complete in all respects as per drawings, specifications and as directed by the Engineer in charge. (1:4)						100.119		20,001.11
			Gate columns	3	6.00	0.75	10.75	145.13			
			Foundation	3	6.00	1.33	2.67	63.92			
			2nd gate columns	2	6.00	0.75	10.75	96.75			
				2	6.00	1.33	2.67	42.61			
			B.wall columns	61	1.50	1.50	8.25	1,132.31			
			Foundation	61	1.13	1.13	2.67	207.97			
			B.wall (Average Height)	1	377.00	0.75	4.75	1,343.06			
			Foundation	1	377.00	1.13	0.50	213.01			
			Foundation	1	377.00	1.50	0.50	282.75			
			Total		577.00	1.50	0.50		100.Cft	32 056 20	1 160 505 60
_		0 -					I	3,527.51		32,956.30	1,162,535.69
7	11	9-b	Cement plaster 1:4 upto 20' (6.00 n			all respects					
			B.wall	2	377.00		2.00	1,508.00			
8	6	36-a.i	Total Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating i) 1½" thick (40 mm)					1,508.00	100.Sft	3,241.60	48,883.33
			B.wall	2	377.00	0.75		565.50			
I		I		2	511.00	0.10	I	000.00			

		Total					565.50	100.Sft	8,604.30	48,657.32
9	25	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.								
-		 (ii) 1/2" Squar Bars	61	8.01	3.90	avg height	1,905.58	Sft	987.75	1,882,235.60
10	25	P/F iron grated Gate comprising of 2-1/2"x2-1/2"x3/8" angle iron chowkat ,2"x2"x3/8" angle iron frame and with ¾" square bar at 4" center to center penetrate through punch holes of 2-nos 2"x3/8" MS flat horizantal bracings i/c cost of gussest plates of 3/8" MS sheet, hinges, MS Sliding Bolts and three coats of painting complete in all respect as approved and directed by the Engineer incharge								
10	20	Main gate	1	22.00	7.66	average height	168.52			
		Ladies gate	1	16.00	7.04	average	112.64			
		Fence	46.66	8.08	1.93	noight	727.74			
		Total	40.00	0.00	1.00		1,008.90	Sft	2,834.05	2,859,260.7
11	7	Providing and laying 4-1/2" thick					1,000.00		2,004.00	2,000,200.7
	/	 fair face Special brick Cladding		40.00			050.00	0"	045.00	
12	7	Gate Columns Providing and laying fair face Gutka cladding laid in (1:2) cement / red posso mortar having 1/4" thick groove finish i/c cost of 8 SWG wire in shape of 8 placed horizontally and vertically at 36" and 18" c/c respectively i/c cutting charges as per approved drawing , complete in all respect as approved and directed by the Engineer Incharge	3	10.68		8.00	256.32	Sft	215.20	55,160.0
		i. 2-1/4" x 2-1/4" x 9"								
		Boundary wall columns	61	1.71		3.25	338.68			
		Boundary wall columns	61	4.50		4.75	1,303.88			
							1,642.55	Sft	181.45	298,041.0
13	13	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:								
		1st coat	2	377.00	1.67		1,255.41	100.Sft	3,319.85	41,677.7
		2nd coat	2	377.00	1.67		1,255.41	100.Sft	1,925.45	24,172.2
		3rd coat	2	377.00	1.67		1,255.41	100.Sft	1,925.45	24,172.2
						-				

COST ESTIMATE FOR REHABILITATION OF PARK MAIN ENTRANCE GATE & BOUNDARY WALL

CONSTRUCTION OF KALA GUJRAN PARKS IN JHELUM CITY

S.No	MRS.Ref		Description		Quantity	Unit	Rate	Amount in PKR
	Ch	Item		D/H				
			Supply & Installation of Plants and Trees.					
			Soil Preparaion					
1	3	6	Regular excavation dressed and disposal of unsuitable material upto 3 km.		152,465.00	Cft	11.77	1,795,039.05
			(Rate analysis attached)					
2	Input	7.003	Supply & laying of good earth (sweet soil) at site.		152,465.00	Cft	14.10	2,150,320.62
			(Rate analysis attached)					
			Fertilizer					
3	N-S	N-S	Supplying of sweet soil		50.00	Bag	120.00	6,000.00
4	N-S	N-S	Supplying of Urea		70.00	Bag	4,000.00	280,000.00
5	N-S	N-S	Supplying of Dap		50.00	Bag	14,500.00	725,000.00
6	N-S	N-S	Supplying of Cow manure		10,000.00	Bag	200.00	2,000,000.00
7	N-S	N-S	Supplying of Termiticides& Pesticides		50.00	Bag	1,800.00	90,000.00
8	Non MRS		Terminalia Tree		1.00	Each	2,200.00	2,200.00
9	Non MRS		Phoenix Palm		8.00	Each	2,200.00	17,600.00
10	Non MRS		Alstonia Tree		7.00	Each	2,200.00	15,400.00
11	Non MRS		Gulmahar		6.00	Each	3,500.00	21,000.00
12	Non MRS		Jacaranda Tree		8.00	Each	3,000.00	24,000.00
13	Non MRS		Yucca		6.00	Each	2,800.00	16,800.00
14	Non MRS		Rain Tree		7.00	Each	4,500.00	31,500.00
16	Non MRS		Plumbago		16.00	Each	150.00	2,400.00
13	Non MRS		Bismarkia		6.00	Each	2,000.00	12,000.00
14	Non MRS		Conocapus		20.00	Each	180.00	3,600.00
15	Non MRS		Cone Topiary		3.00	Each	5,500.00	16,500.00
17	Non MRS		Star Jasmine		67.00	Each	250.00	16,750.00
18	Non MRS		Jatropha		46.00	Each	250.00	11,500.00
19	Non MRS		Kaner		20.00	Each	250.00	5,000.00
20	Non MRS		Bougain plant		42.00	Each	350.00	14,700.00
21	Non MRS		Lagerstroemia		45.00	Each	2,500.00	112,500.00
22	Non MRS		Alternanthera		41.00	Each	60.00	2,460.00
23	Non MRS		Hibiscus		27.00	Each	250.00	6,750.00
24	Non MRS		Bamboos Conocapus		76.00	Each	400.00	30,400.00
			Prices are Ex-Nursery. Add 20% Overheads and fixing for item 3 to 24					692,812.00

COST ESTIMATE FOR REHABILITATION OF PARK MAIN ENTRANCE GATE & BOUNDARY WALL

CONSTRUCTION OF KALA GUJRAN PARKS IN JHELUM CITY

S.No	MRS.Ref		Description		Quantity	Unit	Rate	Amount in PKR
	Ch	ltem		D/H				
25	Ch-3 Item-32		Turfing slopes of banks or lawns with grass sods including ploughing, laying, setting and watering (Turf got from within a distance of 5 miles (8 Km.) and maintenance for 15 days).		152,465.00	100 Sft	1,848.00	2,817,553.20
26	Non MRS		Concrete Benche with M.S Table		1.00	Each	76,000.00	76,000.00
27	Non MRS		Concrete Benche		14.00	Each	14,000.00	196,000.00
28	Non MRS		Gazebo (Quotation attached)		2.00	Each	1,300,000.00	2,600,000.00
29	Non MRS		Net Cricketing		1.00	Each	4,469,800.00	4,469,800.00
30	Non MRS		UG Water Tank		1.00	Each	8,348,685.00	8,348,685.00
31	Non MRS		Wrought Iron Bench		5.00	Each	35,000.00	175,000.00
32	Non MRS		Dust Bin		8.00	Each	5,000.00	40,000.00
33	MRS		Thick Harrow Sand (MRS 06.006)		284.00	Cft	78.00	22,152.00
34	Non MRS		Pergola		1.00	Each	25,500.00	25,500.00
								26,872,921.87
	Su	b.Total						26,872,921.87

					MF	RS, 1	st BI-AN	NUAL	- 2023 (01-0	1-2023 t	o 30-0	6-2023)I	DISTR	ICT JHEL	UM			
r		IRS 2023					DE	SCRIP							Qty		Unit	Rate	Amount
0	Ch.	ltem													Qij				Rs.
	3	21.aii	Excavation in for ramming lead up							ire wit	h excava	ted ear	th, watering	g and					
			a) By Manual ii)	in ordir	nary so	il.													
			9" walls	1 x	1.00	х	17.54	х	3.00	х	3.50	=	184.17	Cft					
				1 x	2.00	х	2.08	x	3.00	х	3.50		43.74	on					
				1 x	2.00	х	5.47	x	3.00	х	3.50		114.87						
				1 x	1.00	х	2.52	x	3.00	х	3.50		26.46						
			13.5" walls	1 x	2.00	х	1.21	x	3.00	х	3.50		25.38						
			4-1/2" walls	1 x	1.00	х	10.96	x	1.50	х	2.50		41.09						
				1 x	3.00	х	5.00	x	1.50	х	2.50		56.25						
				1 x	1.00	х	14.58	х	1.50	х	2.50		54.68						
				1 x	3.00	х	4.50	х	1.50	х	2.50		50.63						
			Toe wall	1 x	1.00	х	4.75		1.25		1.83		10.87						
				_					. .		Total	=	184.17		184.17	Cft	1,000.00	13,046.90	2,403.00
2	6	5f	Cement concrete screening and w	•		• •	•	npacting	g, finishing	g and	curing co	omplete	(including						
			(f) Ratio 1: 2:4	5	2.00	21	7.00	-	5.00	-	0.25	-	17.50	Cft					
					1.00		4.25	-	4.50	-	0.25	-	4.78	Cft					
					3.00		3.25	-	4.50	-	0.25	-	10.97	Cft					
			Male side		1.00		2.50		3.00		0.58		4.35	Cft					
					1.00		2.50		2.00		0.75		3.75	Cft					
					1.00		2.50		1.00		0.75		1.88	Cft					
			FeMale side		1.00		4.83		3.00		0.50		7.25	Cft					
					1.00		4.83		2.25		0.50		5.43	Cft					
					1.00		4.83		1.50		0.50		3.62	Cft					
					1.00		4.83		0.75		0.50		1.81	Cft					
3	6	5.i	Cement concret	e plain	includi	ng pla	icing,com	pacting	, finishing) and (Total curing co	= mplete	61.34 (including)	Cft	61.34	Cft	100.00	37,614.70	23,071.92
			screening and w	ashing	of stor	ne ag	gregate):	_			-								
			(i) Ratio 1:4:8)																
			9" walls	1 x	1.00	х	17.54	х	3.00	х	0.50	=	26.31	Cft					
				1 x	2.00	х	2.08	х	3.00	х	0.50	=	6.25	Cft					
				1 x	2.00	х	5.47	х	3.00	х	0.50	=	16.41	Cft					
				1 x	1.00	х	2.52	х	3.00	х	0.50	=	3.78	Cft					
			13.5" walls	1 x	2.00	х	1.21	х	3.00	х	0.50	=	3.63	Cft					
			4-1/2" walls	1 x	1.00	х	10.96	х	1.50	х	0.50	=	8.22	Cft					
				1 x	3.00	х	5.00	х	1.50	х	0.50	=	11.25	Cft					
					1.00		14.58	х	1.50		0.50	=	10.94						
					3.00		4.50	х	1.50		0.50	=	10.13						
			under Floor		2.00			х	5.00		0.33	=							
					3.00		3.25		4.50		0.33	=	14.61						
					1.00		4.25	х	4.50	х		=	6.37						
			Toe wall		1.00		4.75		1.25		0.33		1.96						
			Entrance steps	1 x	1.00	х	1.25	х	4.75	Х	0.33	=	1.98	Cft					
											Total	=	145.13	Cft	145.13	Cft	100.00	28,513.19	41,381.00
ŀ	7	4	Pacca brick wor	k in fou	Indation	n and	plinth in:-i	i) Ceme	ent, sand	morta	r:-								
			Ratio 1:4)																
			1st step																
			9" walls	1 x	1.00	х	17.54	x	1.50	х	0.50	=	13.16	Cft					

			1 x	2.00	х	2.08	х	1.50	Х	0.50	=	3.12	Cft					
				2.00			x		x	0.50	=	8.21						
				1.00		2.52	x	1.50	х	0.50	=	1.89	Cft					
		13.5" walls	1 x	2.00	х	1.21	х	1.50	х	0.50	=	1.81	Cft					
		4-1/2" walls	1 x	1.00	x	10.96	x	1.13	х	0.50	=	6.16	Cft					
			1 x	3.00	x	5.00	x	1.13	х	0.50	=	8.44	Cft					
			1 x	1.00	х	14.58	х	1.13	х	0.50	=	8.20	Cft					
			1 x	3.00	х	4.50	х	1.13	х	0.50	=	7.59	Cft					
		Toe wall	1 x	1.00	х	4.75		0.75		4.50		16.03	Cft					
		2nd step																
		9" walls	1 x	1.00	х	17.54	х	1.13	х	0.50	=	9.87	Cft					
			1 x	2.00	х	2.08	х	1.13	х	0.50	=	2.34	Cft					
			1 x	2.00	х	5.47	х	1.13	х	0.50	=	6.15	Cft					
			1 x	1.00	х	2.52	х	1.13	х	0.50	=	1.42	Cft					
		13.5" walls	1 x	2.00	х	1.21	х	1.13	х	0.50	=	1.36	Cft					
		4-1/2" walls	1 x	1.00	х	10.96	х	0.75	х	5.00	=	41.09	Cft					
			1 x	3.00	х	5.00	х	0.75	х	5.00	=	56.25	Cft					
				1.00			х	0.75	х	5.00		54.68						
			1 x	3.00	х	4.50	х	0.75	х	5.00	=	50.63	Cft					
		3rd step																
		9" walls	1 x	1.00	х	17.54	х	0.75	х	5.00	=	65.78						
				2.00		2.08	х	0.75	х	5.00	=	15.62						
				2.00		5.47	х	0.75	х	5.00	=							
				1.00			х	0.75	х	5.00	=	9.45						
		13.5" walls	1 x	2.00	х	1.21	х	1.13	х	5.00	=	13.59	Cft					
6	36-a	Providing and la including bitume (a) with one coat	en coat	ing :-					:2: 4(u	-	= nent, s	443.87 and and shi		443.87	Cft			
6	36-а -іі	including bitume (a) with one coat ii) 2" thick (50 m	en coat it bitum im)	ing :- nen and	one co	oat polyth	nene sh	neet 500g	:2: 4(u	using cen		and and shi	ngle),	110.01				
6	36-а -іі	including bitume (a) with one coat	en coat t bitum m) 1 x	ing :- nen and 1.00	one co	oat polyth 17.54	nene sh X	neet 500g 0.75	:2: 4(u	using cen	nent, s =	and and shi 13.16	ingle), Sft	110.01				
6	36-а -іі	including bitume (a) with one coat ii) 2" thick (50 m	en coat it bitum im) 1 x 1 x	ing :- ien and 1.00 2.00	one co x x	oat polyth 17.54 2.08	nene sh x x	neet 500g 0.75 0.75	:2: 4(u	using cen	nent, s = =	and and shi 13.16 3.12	Sft Sft	110.01				
6	36-а -іі	including bitume (a) with one coat ii) 2" thick (50 m	in coat it bitum im) 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00	one co x x x x	oat polyth 17.54 2.08 5.47	nene sh x x x x	0.75 0.75 0.75 0.75	:2: 4(u	using cen	nent, s = = =	and and shi 13.16 3.12 8.21	Sft Sft Sft					
6	36-а -іі	including bitume (a) with one coat ii) 2" thick (50 m 9" walls	in coat it bitum (m) 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00	one co x x x x x x	oat polyth 17.54 2.08 5.47 2.52	nene sh x x x x x	0.75 0.75 0.75 0.75 0.75	:2: 4(u	using cen	nent, s = = = =	and and shi 13.16 3.12 8.21 1.89	Sft Sft Sft Sft Sft					
6	36-а -іі	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls	in coat it bitum (m) 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00 2.00	one co x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21	nene sh x x x x x x x	0.75 0.75 0.75 0.75 0.75 1.13	:2: 4(u	using cen	nent, s = = =	and and shi 13.16 3.12 8.21 1.89 2.72	Sft Sft Sft Sft Sft Sft					
6	36-а -іі	including bitume (a) with one coat ii) 2" thick (50 m 9" walls	in coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00 2.00 1.00	one co x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96	nene sh x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 1.13 0.75	:2: 4(u	using cen	nent, s = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22	Sft Sft Sft Sft Sft Sft Sft					
6	36-а -іі	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00	one co x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00	nene sh x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75	:2: 4(u	using cen	nent, s = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25	Sft Sft Sft Sft Sft Sft Sft Sft					
6	36-а -іі	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00 1.00	one co x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58	nene sh x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75	:2: 4(u	using cen	nent, s = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94	Sft Sft Sft Sft Sft Sft Sft Sft					
6	36-а -іі	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00	one co x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00	nene sh x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75	l:2: 4(u	using cen	nent, s = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25	Sft Sft Sft Sft Sft Sft Sft Sft Sft		Cft	100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00	one co x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58	nene sh x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75	l:2: 4(u	using cen	nent, s = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13	Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00	one co x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58	nene sh x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75	l:2: 4(u	using cen	nent, s = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13	Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00	one co x x x x x x x x x x x x oor:-	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50	nene sh x x x x x x x x x x x x	0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75 0.75	l:2: 4(u	using cen	nent, s = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4)	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 00nd flo	one co x x x x x x x x x x x x oor:-	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50	nene sh x x x x x x x x x x x	0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75 0.75	l:2: 4(u gauge Net	using cen	nent, s = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4)	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0und flo 1.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50	nene sh x x x x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75 0.75 0.75 0.75	l:2: 4(u gauge Net	using cen Total 8.00	nent, s = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4)	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0und flo 2.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50	nene sh X X X X X X X X X X X X X X X X	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x	Total 8.00 8.00	nent, s = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4)	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0 1.00 3.00 0 1.00 2.00 2.00 2.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50 17.54 2.08 5.47	nene sh X X X X X X X X X X X X X X X X X	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x x	using cen Total 8.00 8.00 8.00	nent, s = = = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00 65.64	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4) 9" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0und flo 2.00 2.00 2.00 1.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50 17.54 2.08 5.47 2.52	nene sh X X X X X X X X X X X X X X X X X X X	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x x x x x	asing cen Total 8.00 8.00 8.00 8.00	nent, s = = = = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00 65.64 15.12	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4) 9" walls 13.5" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0 1.00 2.00 2.00 1.00 2.00 1.00 2.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50 17.54 2.08 5.47 2.52 1.21 10.96	nene sh X X X X X X X X X X X X X X X X X X X	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x x x x x	a Total 8.00 8.00 8.00 8.00 8.00 8.00	nent, s = = = = = = = = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00 65.64 15.12 21.75	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4) 9" walls 13.5" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 1.00 2.00 1.00 2.00 1.00 2.00 1.00 2.00 1.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50 17.54 2.08 5.47 2.52 1.21 10.96	nene sh x x x x x x x x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x x x x x x x x	a Total 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	nent, s = = = = = = = = = = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00 65.64 15.12 21.75 65.75	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii 5	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4) 9" walls 13.5" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0und flo 2.00 2.00 1.00 2.00 1.00 2.00 1.00 2.00 1.00 3.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50 17.54 2.08 5.47 2.52 1.21 10.96 5.47 2.52 1.21 10.96 5.00	nene sh x x x x x x x x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x x x x x x x x x x	a Total 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	nent, s = = = = = = = = = = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00 65.64 15.12 21.75 65.75 90.00	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4) 9" walls 13.5" walls 13.5" walls	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0und flo 2.00 2.00 1.00 2.00 1.00 2.00 1.00 2.00 1.00 3.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50 17.54 2.08 5.47 2.52 1.21 10.96 5.47 2.52 1.21 10.96 5.00	nene sh x x x x x x x x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x x x x x x x x x x	a Total 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	nent, s = = = = = = = = = = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00 65.64 15.12 21.75 65.75 90.00	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4) 9" walls 13.5" walls 4-1/2" walls Deductions	en coat it bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0und flo 2.00 2.00 2.00 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50 17.54 2.08 5.47 2.52 1.21 10.96 5.47 2.52 1.21 10.96 5.47 2.52 1.21	nene sh x x x x x x x x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x x x x x x x x x x	a Total 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	nent, s = = = = = = = = = = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00 65.64 15.12 21.75 65.75 90.00 87.48	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4) 9" walls 13.5" walls 13.5" walls 4-1/2" walls Deductions Vent	en coat t bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0und flo 2.00 2.00 1.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 1.00 4.00	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50 17.54 2.08 5.47 2.52 1.21 10.96 5.47 2.52 1.21 10.96 5.00 14.58 2.00	nene sh x x x x x x x x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x x x x x x x x x x	a Total 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	nent, s = = = = = = = = = = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00 65.64 15.12 21.75 65.75 90.00 87.48 (12.00)	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92
	36-a -ii	including bitume (a) with one coat ii) 2" thick (50 m 9" walls 13.5" walls 4-1/2" walls Pacca brick worl Ratio 1:4) 9" walls 13.5" walls 13.5" walls 4-1/2" walls Deductions Vent D-2	en coat t bitum 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	ing :- nen and 1.00 2.00 2.00 1.00 2.00 1.00 3.00 1.00 3.00 0und flo 2.00 2.00 1.00 2.00 1.00 2.00 1.00 2.00 1.00 3.00 1.00 2.00 1.00 2.00 1.00 2.00 1.00 2.00 1.00 2.00 2	one co x x x x x x x x x x x x x x x x x x x	oat polyth 17.54 2.08 5.47 2.52 1.21 10.96 5.00 14.58 4.50 17.54 2.08 5.47 2.52 1.21 10.96 5.47 2.52 1.21 10.96 5.00 14.58 2.00 2.50	nene sh x x x x x x x x x x x x x x x x x x x	0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	I:2: 4(u gauge Net x x x x x x x x x x x x x	a Total 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	nent, s = = = = = = = = = = = = = = = = = = =	and and shi 13.16 3.12 8.21 1.89 2.72 8.22 11.25 10.94 10.13 69.62 105.24 25.00 65.64 15.12 21.75 65.75 90.00 87.48 (12.00) (26.25)	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft			100.00	10,203.55	7,103.92

1			D-2	-1	4.00		3.50		0.38		0.75	=	(3.94)	C#				I	
				-1	2.00		3.50		0.38			=	(3.94)						
				-1	2.00		5.50		0.00		0.75	-	(1.57)	On					
										Net	Total	=	411.94	Cft	411.94	Cft	100.00	34,857.00	143,591.58
7	6	6	Providing and lay sand and screene moulds, shuttering	ed gra	ded an	d was	shed aggr	egate,	in require	d shap	e and de	sign, i	including for	ms,					
			(but excluding the	e cost	of stee	l reinf	orcement	, its fab	prication a	nd plac	cing in po	osition	, etc.):-						
			(a)(iii) Reinforced retaining walls; et (i)&(ii) above not	c and	footing	j bear	ns, other :	structu	ral membe	ers oth	er than t	hose i	mentioned in	n 6(a)					
			(3) Type C (nomin	nal mi	x 1: 2:	4)								0					
											Total	=	-	Cft		6 4	1.00	450.05	
			(a) (i) Reinforced	como	nt conc	oroto i	n roof slal	h haar	ne colum	ne linte	Total	= re and	- A other struct	Cft	-	Cft	1.00	456.95	-
8			members laid in s respects:-								-								
			(3) Type C (nomin	nal mi	x 1: 2:	4)													
			Slab	1 x	1.00	х	12.54	x	6.87	x	0.50	=	43.07	Cft					
			1.18	2	4.00		12.54	+	20.54		0.50	=	78.07	Cft					
			1.18	2	4.00		6.87	+	14.87		0.50	=	51.31	Cft					
			Bottom	2	2.33		12.54	+	20.54		0.50	=	38.54	Cft					
				2	2.33		6.87	+	14.87		0.50	=	25.33	Cft					
			Vertical	2	0.46		12.54	+	20.54		0.90	=	13.58	Cft					
				2	0.46		6.87	+	14.87		0.90	=	8.93	Cft					
			Lintles																
			Vent	1	4.00		3.00		0.75		0.75	=	6.75	Cft					
			D-2	1	4.00		3.50		0.38		0.75	=	3.94	Cft					
			D-1	1	2.00		3.50		0.38		0.75	=	1.97	Cft					
						c					Total	=	271.48		271.48	Cft	1.00	566.35	153,755.19
9	6	12.c	Fabrication of m position,making jo steel reinforceme	oints a	and fast	tening	ıs,includin	g cost	of binding	g wire a	•	•	• •	I					
			('c) Deformed bar	rs (Gra	ade-60														
			Quty:as per item	No.	7.00	=	-	х	6.75	/	2.20	=	-	Kg					
					7.00	=	271.48	х	6.75	/	2.20	=	831.45	Kg					
									-	Total		=	831.45	Kg	831.45	Kg.	100.00	31,945.90	265,614.75
			FLOOR																
10	7	30	Supplying and filli	ing sa	nd und	er floo	or; or plug	ging in	wells.										
					2.00		7.00		5.00		2.25		157.50	Cft					
					1.00		4.25		4.50		2.25		43.03	Cft					
					3.00		3.25		4.50		2.25		98.72						
											Total	=	299.25	Cft	299.25	Cft	100.00	2,862.00	8,564.54
11	10	3	Providing, laying, 25% sand, for floo		•		•			2"(40 m	m to 50	mm) g	gauge mixed	l with					
					2.00		7.00	-	5.00	-	0.33	-	23.10	Cft					
					1.00		4.25		4.50		0.33		6.31						
					3.00		3.25		4.50		0.33		14.48	Cft					
											Total		43.89		43.89	Cft	100.00	10,256.50	4,501.58
			Providing and lay	ina au	inerh a	uality	Porcelain	محجام	tiles floor	ring of	MACTE	2 hron	nd of encoific	²⁴					
12	10	42	size in approved	desigr	n,Color	and S	Shade witl	h adhe	sive/bond	over 3	/4"thick	(1:3) c	ement plast	er i/c					
		۲ <i>۴</i>	the cost of sealer directed by the Er				ints i/c cu	tting gr	inding cor	mplete	in all res	pect a	as approved	and					
				0		5-													

			a) Full body Glaz	ed tiles	3														
			(ii) 600mmx 600	mm															
					2.00	7	.00		5.00				70.00	Sft					
					1.00	4	.25		4.50				19.13	Sft					
					3.00	3	.25		4.50				43.88	Sft					
											Total	=	133.00	Sft	133.00	Sft	1.00	360.40	47,933.20
13	10	43	Providing and lay size, Color and S sealer for finishir the Engineer Inc a) Full body Glaz	Shade v ng the jo harge.	vith ad oints, c	hesive/bor	nd ov	ver 1/2"t	hick (1:2) cem	ent plaste	er i/c the	cost of an	d					
			(ii) 600mmx 600	mm															
			Inside	2	2.00	x 7	.00	+	5.00	х	7.00		336.00	Sft					
				2	1.00	4	.25	+	4.50		7.00		122.50	Sft					
				2	3.00	3	.25	+	4.50		7.00		325.50	Sft					
			Less Doors	-1	2.00	2	.50				7.00		(35.00)						
				-2	4.00		.50				7.00		(140.00)						
			Less vents	-1	4.00		.00				2.00		(16.00)						
			Total Inside			2					2.00		593.00						
			niece face	1	3.00	1	.50				1.50		6.75						
			niece sides	4	3.00		.38				1.50		6.75						
			Out side below																
			exhaust fans	4	1.00	2	.00				4.00		32.00						
			Total outside										45.50	Sft					
											Total	=	638.50	Sft	638.50	Sft	1.00	360.40	230,115.40
			ii) 3/4" thick (12"	2/11/10)" ∨ 36"\														
			Male side	∿∠ + / 12	4.00		.50		1.00				10.00	Sft					
				∿∠ + / 2		2	.50 .83		1.00 0.75				10.00 14.49						
			Male side	~ ~ + / 2	4.00	2 4								Sft					
			Male side	∿ ∠ 1 / 12	4.00 4.00	2 4	.83		0.75		Total	=	14.49	Sft Sft	26.37	Sft	1.00	1,508.45	39,770.28
15	10	46	Male side FeMale side Providing and la quality laid with a respect as appro	ying Pro	4.00 4.00 1.00 epolish re bond	2 4 2 1 over 3/4	.83 .50 e of s thicl	k (1:2) c	0.75 0.75 I thicknes ement sa		d shade o	f full wic	14.49 1.88 26.37 Ith of appro	Sft Sft Sft	26.37	Sft	1.00	1,508.45	39,770.28
15	10	46	Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick	ying Pro	4.00 4.00 1.00 epolish re bond id direc	2 4 2 1 over 3/4" 2 2 ted by the	.83 .50 e of s thicl Eng	k (1:2) c	0.75 0.75 I thicknes ement sa		l shade c ortor bed	f full wic	14.49 1.88 26.37 dth of appro	Sft Sft Sft oved	26.37	Sft	1.00	1,508.45	39,770.28
15	10	46	Male side FeMale side Providing and la quality laid with a respect as appro	ying Pro	4.00 4.00 1.00 epolish re bond d direc 4.00	2 4 2 1 over 3/4 2 2 2	.83 .50 e of s thick Eng .50	k (1:2) c	0.75 0.75 I thicknes ement sa		d shade o ortor bed 0.75	f full wic	14.49 1.88 26.37 Ith of appro lete in all 7.50	Sft Sft Sft oved	26.37	Sft	1.00	1,508.45	39,770.28
15	10	46	Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick	ying Pro	4.00 4.00 1.00 epolish re bond d direc 4.00 2.00	2 4 2 d over 3/4" ted by the 2 3	.83 .50 e of s thick Eng .50 .00	k (1:2) c	0.75 0.75 I thicknes ement sa		d shade o ortor bed 0.75 0.75	f full wic	14.49 1.88 26.37 Ith of appro lete in all 7.50 4.50	Sft Sft Sft Sft Sft	26.37	Sft	1.00	1,508.45	39,770.28
15	10	46	Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick	ying Pro	4.00 4.00 1.00 epolish re bond d dired 4.00 2.00 2.00	2 4 2 1 over 3/4" 2 2 over 3/4 2 3 2	.83 .50 e of s thick Eng .50 .00	k (1:2) c	0.75 0.75 I thicknes ement sa		d shade o ortor bed 0.75 0.75 0.75	f full wic	14.49 1.88 26.37 Ith of appro lete in all 7.50 4.50 3.00	Sft Sft Sft Sft Sft Sft	26.37	Sft	1.00	1,508.45	39,770.28
15	10	46	Male side FeMale side Providing and la quality laid with a respect as appro (ii) 1/2" thick Male side	ying Pro	4.00 4.00 1.00 epolish re bond d dired 4.00 2.00 2.00 2.00	2 4 2 ed Granite d over 3/4" cted by the 2 3 2 3 2	.83 .50 e of s thick Eng .50 .00 .00	k (1:2) c	0.75 0.75 I thicknes ement sa		d shade o ortor bed 0.75 0.75 0.75 0.75	f full wic	14.49 1.88 26.37 Ith of appro lete in all 7.50 4.50 3.00 1.50	Sft Sft Sft Sft Sft Sft Sft	26.37	Sft	1.00	1,508.45	39,770.28
15	10	46	Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick	ying Pro	4.00 4.00 1.00 epolish re bond d dired 4.00 2.00 2.00 2.00 5.00	2 4 2 ed Granite over 3/4" cted by the 2 3 2 3 4	.83 .50 e of s thicl Eng .50 .00 .00 .00 .83	k (1:2) c	0.75 0.75 I thicknes ement sa		d shade o ortor bed 0.75 0.75 0.75 0.75 0.50	f full wic	14.49 1.88 26.37 Ith of appro ete in all 7.50 4.50 3.00 1.50 12.08	Sft Sft Sft Sft Sft Sft Sft Sft	26.37	Sft	1.00	1,508.45	39,770.28
15	10	46	Male side FeMale side Providing and la quality laid with a respect as appro (ii) 1/2" thick Male side	ying Pro	4.00 4.00 1.00 epolish 'e bond d dired 4.00 2.00 2.00 5.00 2.00	2 4 2 ed Granite over 3/4" cted by the 2 3 2 3 2 1 4 1	.83 .50 e of s thicl Eng .50 .00 .00 .00 .83 .50	k (1:2) c	0.75 0.75 I thicknes ement sa		d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50	f full wic	14.49 1.88 26.37 Ith of appro lete in all 7.50 4.50 3.00 1.50 12.08 1.50	Sft Sft Sft Sft Sft Sft Sft Sft Sft	26.37	Sft	1.00	1,508.45	39,770.28
15	10	46	Male side FeMale side Providing and la quality laid with a respect as appro (ii) 1/2" thick Male side	ying Pro	4.00 4.00 1.00 epolish re bond d dired 4.00 2.00 2.00 2.00 5.00	2 4 2 ed Granite over 3/4" cted by the 2 3 2 3 2 1 4 1	.83 .50 e of s thicl Eng .50 .00 .00 .00 .83	k (1:2) c	0.75 0.75 I thicknes ement sa		d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50	f full wid	14.49 1.88 26.37 Ith of appro- lete in all 7.50 4.50 3.00 1.50 12.08 1.50 0.75	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
15	10	46	Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side	ying Pro adhesiv	4.00 4.00 1.00 epolish te bond direc 4.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite over 3/4" ted by the 2 3 2 1 4 1 0	.83 .50 e of s thick Eng .50 .00 .00 .83 .50 .75	k (1:2) c jineer In	0.75 0.75 I thickness ement sa charge	and m	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total	f full wic , comp	14.49 1.88 26.37 4.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	26.37		1.00	1,508.45	
	10	46	Male side FeMale side Providing and lar quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam	ying Pra adhesiv oved an	4.00 4.00 1.00 epolish te bond didred 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite over 3/4" ted by the 2 3 2 1 4 1 0 marble ed	.83 .50 e of s thick Eng .50 .00 .00 .83 .50 .75 ge in	k (1:2) c jineer In	0.75 0.75 I thickness ement sa charge	n com	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total	f full wic , comp	14.49 1.88 26.37 4.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
			Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam Steps nosing	ying Pra adhesiv oved an	4.00 4.00 1.00 epolish te bond didred 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite d over 3/4" ted by the 2 3 2 1 4 1 0 marble ed oved and d	.83 .50 e of s thicl Eng .50 .00 .00 .00 .83 .50 .75 ge in irect	k (1:2) c jineer In	0.75 0.75 I thickness ement sa charge	n com	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total	f full wic , comp	14.49 1.88 26.37 Ith of appro- lete in all 7.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83 ccts i/c the	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
			Male side FeMale side Providing and lar quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam	ying Pra adhesiv oved an	4.00 4.00 1.00 epolish te bond didred 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite d over 3/4" ted by the 2 3 2 1 4 1 0 marble ed oved and d	.83 .50 e of s thick Eng .50 .00 .00 .83 .50 .75 ge in	k (1:2) c jineer In	0.75 0.75 I thickness ement sa charge	n com	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total	f full wic , comp	14.49 1.88 26.37 4.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
			Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam Steps nosing	ying Pra adhesiv oved an	4.00 4.00 1.00 epolish re bond d direc 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite d over 3/4" ted by the 2 3 2 1 4 1 0 marble ed oved and d 2 2	.83 .50 e of s thicl Eng .50 .00 .00 .00 .83 .50 .75 ge in irect	k (1:2) c jineer In	0.75 0.75 I thickness ement sa charge	n com	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total	f full wic , comp	14.49 1.88 26.37 Ith of appro- lete in all 7.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83 ccts i/c the	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
			Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam Steps nosing Male side	ying Pra adhesiv oved an	4.00 4.00 1.00 epolish te bond direc 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite d over 3/4" ted by the 2 3 2 1 4 1 0 marble ed oved and d 2 2	.83 .50 e of s thick Eng .50 .00 .00 .00 .83 .50 .75 ge in irect	k (1:2) c jineer In	0.75 0.75 I thickness ement sa charge	n com	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total	f full wic , comp	14.49 1.88 26.37 Ith of appro- lete in all 7.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83 ects i/c the 10.00	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft		Sft			36,788.10
			Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam Steps nosing Male side	ying Pro adhesiv oved an	4.00 4.00 1.00 epolishe bond direct 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite d over 3/4" ted by the 2 3 2 1 4 1 0 marble ed oved and d 2 2	.83 .50 e of s thick Eng .50 .00 .00 .00 .83 .50 .75 ge in irect	k (1:2) c jineer In	0.75 0.75 I thickness ement sa charge	n com	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total nplete in a charge.	f full wid , comp = all respe	14.49 1.88 26.37 4th of appro- lete in all 7.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83 cts i/c the 10.00 24.15	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	30.83	Sft	1.00	1,193.45	36,788.10
16			Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam Steps nosing Male side FeMale side	ying Pro adhesiv oved an disc as	4.00 4.00 1.00 epolishe bond direct 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite d over 3/4" ted by the 2 3 2 1 4 1 0 marble ed oved and d 2 4	.83 .50 e of s thick Eng .50 .00 .00 .83 .50 .75 ge in irect .50 .83	h approv ed by th	0.75 0.75 I thickness ement sa charge	n com	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total nplete in a charge.	f full wid , comp = all respe	14.49 1.88 26.37 4th of appro- lete in all 7.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83 cts i/c the 10.00 24.15	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	30.83	Sft	1.00	1,193.45	36,788.10
16	10	48	Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam Steps nosing Male side FeMale side SURFACE REN	ying Pra adhesiv oved an disc as DERIN 1;3 upto	4.00 4.00 1.00 epolishe bond direct 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite tover 3/4" cted by the 2 3 2 1 4 1 0 marble ed oved and d 2 4 2 4 2 3 2 4 2 3 2 4 4 2 4 4 2 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4	.83 .50 e of s thick Eng .50 .00 .00 .83 .50 .75 ge in irect .50 .83	h approv ed by th	0.75 0.75 I thickness ement sa charge	n com	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total nplete in a charge.	f full wid , comp = all respe	14.49 1.88 26.37 4th of appro- lete in all 7.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83 cts i/c the 10.00 24.15	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	30.83	Sft	1.00	1,193.45	36,788.10
16	10	48	Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam Steps nosing Male side FeMale side FeMale side	ying Pro adhesiv oved an disc as DERIN 1;3 upto 1 x	4.00 4.00 1.00 epolishe bond direct 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	2 ed Granite d over 3/4" cted by the 2 3 2 1 4 1 0 marble ed oved and d ved and d 2 4 eight 1/2" ⁻ x 17	.83 .50 e of s thick Eng .50 .00 .00 .83 .50 .75 ge in irect .50 .83	h approv ed by th	0.75 0.75 I thickness ement sa charge	n com er Inc	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total plete in a charge.	f full wid , comp = all respe	14.49 1.88 26.37 Ith of appro- lete in all 7.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83 cts i/c the 10.00 24.15 34.15	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	30.83	Sft	1.00	1,193.45	36,788.10
15	10	48	Male side FeMale side Providing and lag quality laid with a respect as appro- (ii) 1/2" thick Male side FeMale side Extra for Bevellir of Carborandam Steps nosing Male side FeMale side FeMale side	ying Pro adhesiv oved an disc as DERIN 1;3 upto 1 x	4.00 4.00 1.00 epolishe bond direct 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	eight 1/2" - x 17 x 12	.83 .50 e of s thick Eng .50 .00 .00 .83 .50 .75 ge in irect .50 .83	h approv ed by th	0.75 0.75 I thickness ement sa charge	and m In com eer Inc	d shade o ortor bed 0.75 0.75 0.75 0.75 0.50 0.50 0.50 Total plete in a charge. Total	f full wid , comp = all respe = =	14.49 1.88 26.37 Ath of appro- lete in all 7.50 4.50 3.00 1.50 12.08 1.50 0.75 30.83 octs i/c the 10.00 24.15 34.15	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	30.83	Sft	1.00	1,193.45	39,770.28 36,788.10 952.79

		Femail entranc	e 1 x	2.00	х	2.08			х	8.00	=	33.28	Sft					
		Niece	6	4.00		1.50				0.38	=	13.50	Sft					
		Less vent	-1	4.00		2.00				2.00	=	(16.00)	Sft					
		Less door	-2	1.00		2.50				7.00	=	(35.00)	Sft					
		Less steps	-1	1.00		2.50				3.00		(7.50)	Sft					
			-1	1.00		4.75				3.00		(14.25)	Sft					
		Inside	3 >	c 2.00	x	3.25	+	4.50	x	8.00	=	372.00	Sft					
			1 >	2.00	x	4.25	+	4.50	х	8.00	=	140.00	Sft					
			2 >	× 2.00	x	7.00	+	5.00	х	8.00	=	384.00	Sft					
		Less door	-2	4.00		2.50				7.00		(140.00)	Sft					
		Less door	-1	2.00		2.50				7.00		(35.00)	Sft					
		Less vent	-1	4.00		2.00				2.00	=	(16.00)	Sft					
									N	et Total	=	1,383.91	Sft	1,383.91	Sft	100.00	3,635.05	50,305.82
3 11	10	b Cement plaster	- 3/8" (10 mm)	thick ur	nder soff	fit of R.C	C.C. roof	slabs	only, upto	o 20' h	eight						
				2.00		2.08		0.75				3.12	Sft					
				2.00		5.47		0.75				8.21	Sft					
				1.00		2.52		0.75				1.89	Sft					
									N	et Total	=	13.22	Sft	13.22	Sft	100	3,960.25	523.53
9 11	32	(6.00 m) height		ment sa	nd plast	ter 1:3 o	over exis	sting plas	tered a	and rougl	hened	surface upto	o 20'					
		ii) ½" (13 mm)																
			1	1.00		10.94			N	11.00	_	120.34		100.04	04	100.00	4 004 05	4 840 99
0 11	23	B Distempering:-							N	et Total	=	120.34	Sft	120.34	Sft	100.00	4,004.65	4,819.20
		a) new surface	:-															
		Inside	3 >	2.00	х	3.25	+	4.50	х	8.00	=	372.00	Sft					
			1 >	2.00	х	4.25	+	4.50	х	8.00	=	140.00	Sft					
			2 >	2.00	х	7.00	+	5.00	х	8.00	=	384.00	Sft					
		Less door	-2	4.00		2.50				7.00		(140.00)	Sft					
		Less door	-1	2.00		2.50				7.00		(35.00)	Sft					
		Less vent	-1	4.00		2.00				2.00	=	(16.00)	Sft					
		Less tiles insid	е									(593.00)	Sft					
		Ceiling								Slope Factor								
			3	1.00		3.25		4.50		1.15		50.46	Sft					
			1	1.00		4.25		4.50		1.15		21.99						
			2	1.00		7.00		5.00		1.15		80.50						
		3 Coats							N	et Total	=	264.95		264.95	Sft	100.00	1,446.35	3,832.10
1 13	33	Providing and a including prepa										e of building						
		a) new surface	:															
		Out side	1	2.00		17.54				11.00		385.88	Sft					
			1	2.00		12.25				11.00		269.50						
			1	2.00		0.75				11.00		16.50						
			4	2.00		0.38				11.00		33.00						
		Femail	1	2.00		2.08				8.00		33.28						
		entrance																
		Niece	6	4.00		1.50				0.38		13.50						
		Less vent	-1	4.00		2.00				2.00		(16.00)						
		Less door	-2	1.00		2.50				7.00		(35.00)						
		Less steps	-1	1.00		2.50				3.00		(7.50)						
			-1	1.00		4.75				3.00		(14.25)						
												(45.50)	Sft	1	I I			
		Less tiles out s	ide							et Total	=	633.41		633.41		100.00	3,651.00	23,125.80

			2nd coat						633.41	Sft	633.41	Sft	100.00	2,101.80	13,313.01
			2nd coat						633.41	Sft	633.41	Sft	100.00	2,101.80	13,313.01
22	12	16	only) of 20 SW 9"x1"x1/8" (225	G weld 5mmx2 ement	led with M.S 5mmx3mm)	flat 6"x 1¼" x welded/screv	frame of doors, window x 1/8" (150 mmx30mm ved 4" (100 mm) long ir edding holdfast in ceme	x3mm) M.S. ron hinges, i	holdfast ncluding fillir	ng					
			a) single rebate	е											
			Doors	1	2.00	2.50		7.00	35.00	Sft					
				1	4.00	2.50		7.00	70.00	Sft					
				1	4.00	2.00		2.00	16.00	Sft					
									121.00	Sft	121.00	Sft	1.00	402.05	48,648.05
23	12	52	compressed ov proper pressur	ver 2.5 e i/c the ow the nd diree	mm thick co e cost of nail grains of ply	mmercial ply s, tower bolt ,	5 mm thick Deodar/As over 1" thick packing w handles, glue, sawing d papering and 3/8" thi	vood in style charges and	and rails un I lacquar	der					
			Doors	1	2.00	2.50		7.00	35.00	Sft					
				1	4.00	2.50		7.00	70.00	Sft					
				1	4.00	2.00		2.00	16.00	Sft					
				1	4.00	2.00		2.00	16.00 121.00		121.00	Sft	1.00	795.70	96,279.70
24	25	52	and partly slidir (4"x1-1/4") and	ng usin I leaf fra tinted g	Il types of gla g delux sect ame section glass with rul neer in-charg	azed aluminiu ions of approv s of 50 x 20 m ober gasket us ge	m windows of anodised /ed manufacturer havin im (2"x¾"), all of 1.6mr sing approved standard	d/ powder co ng frame sizo m thickness d latches, ha	121.00 pated partly t of 100 x 30 including 5 r rdware etc.,	Sft fixed) mm mm	121.00	Sft	1.00	795.70	96,279.70
24	25	52	and partly slidir (4"x1-1/4") and thick imported	ng usin I leaf fra tinted g	Il types of gla g delux sect ame sections glass with rul	azed aluminiu ions of approv s of 50 x 20 m ober gasket u	m windows of anodised /ed manufacturer havin im (2"x¾"), all of 1.6mr sing approved standard	d/ powder co ng frame size m thickness d latches, ha 2.00 =	121.00 pated partly t of 100 x 30 including 5 r rdware etc., 16.00	Sft fixed 0 mm nm as					
24	25	52	and partly slidir (4"x1-1/4") and thick imported	ng usin I leaf fra tinted g	Il types of gla g delux sect ame section glass with rul neer in-charg	azed aluminiu ions of approv s of 50 x 20 m ober gasket us ge	m windows of anodised /ed manufacturer havin im (2"x¾"), all of 1.6mr sing approved standard	d/ powder co ng frame sizo m thickness d latches, ha	121.00 pated partly t of 100 x 30 including 5 r rdware etc.,	Sft fixed 0 mm nm as	121.00		1.00	795.70	96,279.70 21,384.80
24	25	52	and partly slidir (4"x1-1/4") and thick imported approved by th	ng usin I leaf fra tinted g ne Engi	Il types of gla g delux sect ame sections glass with rul neer in-charg 4.00	azed aluminiu ions of approv s of 50 x 20 m ober gasket us ge 2.00	m windows of anodised ved manufacturer havin im (2"x¾"), all of 1.6mr sing approved standard Total	d/ powder co ng frame size m thickness d latches, ha 2.00 = =	121.00 pated partly t of 100 x 30 including 5 r rdware etc., 16.00 16.00	Sft fixed 0 mm nm as					
	25 9	52	and partly slidir (4"x1-1/4") and thick imported approved by th ROOF Providing and I Terra Cotta Kh 10"x16"), resist	laying h laying h aprail 1 tant to and mo	Il types of gla g delux sect ame sections glass with rul neer in-charg 4.00 4.00 file dipped o salt attack la ortar i/c cost	azed aluminiu ions of approv s of 50 x 20 m ober gasket us ge 2.00 single profile s r sealed with id with laps al of all material	m windows of anodised /ed manufacturer havin im (2"x¾"), all of 1.6mr sing approved standard	d/ powder co ng frame size m thickness d latches, ha 2.00 = = ed barrel type Terra Cotta l slopping roo	121.00 pated partly f of 100 x 30 including 5 r rdware etc., 16.00 16.00 e of 4"- 5-1/2 pase plate (over 1/2" th	Sft fixed 0 mm mm as Sft 2" dia nick					
			and partly slidir (4"x1-1/4") and thick imported approved by th ROOF Providing and I Terra Cotta Kh 10"x16"), resist (1:3) cement sa	laying h laying h aprail 1 tant to and mo	Il types of gla g delux sect ame sections glass with rul neer in-charg 4.00 4.00 file dipped o salt attack la ortar i/c cost	azed aluminiu ions of approv s of 50 x 20 m ober gasket us ge 2.00 single profile s r sealed with a id with laps a of all material	m windows of anodised yed manufacturer havin im (2"x¾"), all of 1.6mr sing approved standard Total spanish glazed tappere a water repellent, with T nd duly interlocked on s	d/ powder co ng frame size m thickness d latches, ha 2.00 = = ed barrel type Terra Cotta l slopping roo	121.00 pated partly f of 100 x 30 including 5 r rdware etc., 16.00 16.00 e of 4"- 5-1/2 pase plate (over 1/2" th	Sft fixed mm ms as Sft ?" dia hick d and					
24			and partly slidir (4"x1-1/4") and thick imported approved by th ROOF Providing and I Terra Cotta Kh 10"x16"), resist (1:3) cement sa directed by the	laying h laying h aprail 1 tant to Engine	Il types of gla g delux sect ame sections glass with rul neer in-charg 4.00 high density s Tile dipped o salt attack la ortar i/c cost eer Incharge	azed aluminiu ions of approv s of 50 x 20 m ober gasket us ge 2.00 single profile s r sealed with a id with laps a of all material	m windows of anodised ved manufacturer havin im (2"x¾"), all of 1.6mr sing approved standard Total spanish glazed tappere a water repellent, with 1 nd duly interlocked on s and labour complete in	d/ powder co ng frame sizo m thickness d latches, ha 2.00 = = ed barrel type Terra Cotta I slopping roo n all respect	121.00 pated partly f of 100 x 30 including 5 r rdware etc., 16.00 16.00 e of 4"- 5-1/2 base plate (over 1/2" th as approved	Sft fixed mm as Sft 2" dia hick d and Sft					

26	1	1	Carriage of 100 Cft. (2.83 cu.m) of al surkhi, etc. or 150 Cft. (4.25 cu.m) of contractor.								ked),					
			Lead upto 135.00	fro	m Ma	argalla Hill	s qua	ry								
			Pcc 1.4.8 :as per item No.	3.00	=	145.13	х	0.95	=	137.54	Cft					
			Pcc 1.2.4 :as per item No.	2.00	=	61.34	х	0.88	=	53.98	Cft					
			R.c.c 1.2.4 :as per item No.	7.00	=	271.48	х	0.88	=	238.91	Cft					
						-	Total		=	430.42	Cft	430.42	Cft	100.00	7,585.75	32,650.60
														Total		1,492,250.10
														Say		1,492,300.00

								Est	imate fo	r Cafe	eteria							
					MRS	, 1st Bl-	ANNUAL -	2023 (01-01-202	23 to 3	0-06-2023) DISTRICT	JHEL	UM				
Sr 1st	MRS t .2023	-					DESCRIF	ΤΙΟΝ						Qty		Unit	Rate	Amount
lo Ch.	1													4.9				Rs.
1 3	21.aii	Excavation in four upto one chain (30	idatio) m) a	on of bi and lift	uilding, br upto 5 ft.	idges an (1.5 m)	d other struc	ture wit	h excavate	d earth	watering an	nd ramming lea	ad					
		a) By Manual ii) in	ordir	nary so	oil.													
		9" walls	1	х	1.00	х	103.42	x	3.50	х	4.50 =	1,628.87	Cft					
		Service counter	1	х	1.00	х	10.75	х	3.50	х	4.50	169.31	On					
		Entrance	1	х	2.00	х	18.01	х	3.50	х	4.50	567.32						
		D-2	1	х	1.00	x	3.50	х	3.50	x	4.50	55.13						
		D-3	1	х	3.00	x	3.00	x	3.50	x	4.50	141.75						
		D-4	1	х	2.00	x	2.25	х	3.50	x	4.50	70.88						
		D-2	1	х	1.00	x	3.50	х	3.50	x	4.50	55.13						
		13.5" walls	1	х	1.00	x	8.00	x	3.50	x	4.50	126.00						
		4-1/2" walls	1	х	1.00	х	6.00	х	1.50	х	2.50	22.50						
			1	х	1.00	х	7.83	х	1.50	х	2.50	29.36						
		Toe wall	1	х	1.00	х	7.17		1.25		1.83	16.40						
		Toe wall	1	х	1.00	х	6.00		1.25		1.83	13.73						
											Total ⁼	1,628.87	Cft	1,628.87	Cft	1000	13,046.90	21,252.0
2 6	5f	Cement concrete				g, compa	acting, finishi	ng and	curing com	plete (i				-,				,
2 0	51	washing of stone a	aggre	gate):														
		(f) Ratio 1: 2:4																
		Under Steps																
		Front			1.00		6.00		4.50		0.50	13.50	Cft					
					1.00		6.00		3.50		0.50	10.50	Cft					
					1.00		6.00		2.50		0.50	7.50	Cft					
					1.00		6.00		1.50		0.50	4.50	Cft					
		Rear side			2.00		3.00		3.00		0.75	13.50						
					2.00		3.00		2.00		0.75	9.00	Cft					
					2.00		3.00		1.00		0.75	4.50	Cft					
		Area			1.00		17.08		area		3.00	51.24	Cft					
					1.00		44.00		area		3.00	132.00	Cft					
		Under Floor										-	Cft					
		Kitchen area			1.00		76.08		area		0.25	19.02	Cft					
		Storage area			1.00		56.14		area		0.25	14.04						
		Toilet			1.00		20.50		area		0.25	5.13	Cft					
					1.00		29.90		area		0.25	7.48	Cft					
		Court yard			1.00		158.13		area		0.25	39.53						
		Shop area			1.00		124.50		area		0.25	31.13	Cft					
												-	Cft					
3 6		Cement concrete washing of stone a			• •	g, compa	acting, finishi	ng and	curing com	plete (i	Total =		Cit	362.55	Cit	100	37,614.70	136,373.3
		(i) Ratio 1:4:8)																
		9" walls	1	х	1.00	x	103.42	x	3.50	х	0.33 =	119.45	Cft					
		Service counter		x	1.00	x	10.75		3.50		0.33	12.42						
		Entrance		X	2.00	x		x	3.50		0.33	41.60						
		D-2	1		1.00	x		x	3.50		0.33	4.04						
		D-3	1		3.00	х		х	3.50		0.33	10.40						
		D-4	1	Х	2.00	x	2.25	х	3.50		0.33	5.20						
		D-2	1		1.00	x		x	3.50		0.33	4.04						
		13.5" walls	1		1.00	х		х	3.50		0.33	9.24						
1		4-1/2" walls	1	х	1.00	х	6.00	х	1.50	х	0.33	2.97	Cft		1			

1			1	х	1.00	x	7.83	x	1.50	x	0.33		3.88 Cft					
		Toe wall	1		1.00	x	7.00	~	1.25	~	0.33		2.96 Cft					
		Toe wall		x	1.00	x	6.00		1.25		0.33		2.48 Cft					
		Planters	1	Λ	1.00	X	91.08		area		0.33	=	30.05 Cft					
		Tiunters	1		2.00		31.65		area		0.33		20.89 Cft					
		Stair landing	1		1.00		44.00		area		0.33		14.52 Cft					
			1		1.00		17.08		area		0.33		5.64 Cft					
											Total	=	289.76 Cft	289.76	Cft	100	28,513.19	82,621.00
4 7	′ 4	Pacca brick work i	in fou	ndatio	n and plin	th in:-i) (Cement, sand	mor	tar:-									
		Ratio 1:4)																
		1st step																
		9" walls		Х	1.00	х	103.42		0.75		6.00		465.39 Cft					
		Service counter	1		1.00	х		х	0.75		6.00		48.38 Cft					
		Entrance		Х	2.00	х	18.01	Х	0.75		6.00		162.09 Cft					
		D-2	1	х	1.00	х	3.50	х	0.75	х	6.00	=	15.75 Cft					
		D-3	1		3.00	х		х	0.75		6.00		40.50 Cft					
		D-4	1	х	2.00	х	2.25	х	0.75	х	6.00	=	20.25 Cft					
		D-2	1	Х	1.00	х	3.50	х	0.75	х	6.00	=	15.75 Cft					
		13.5" walls	1	Х	1.00	х	8.00	х	1.13	х	6.00	=	54.00 Cft					
		4-1/2" walls	1	х	1.00	х	6.00	х	0.75	х	5.00	=	22.50 Cft					
			1	х	1.00	х	7.83	х	0.75	х	5.00		29.36 Cft					
		Toe wall	1	х	1.00	х	7.17		0.75		2.00							
		Toe wall	1	х	1.00	x	6.00		0.75		2.00	=	9.00 Cft					
1	-11	bitumen coating :-		on ond	l ono cont	polythor	na choot 500	aaua			d and shin	0 //						
	-11	(a) with one coat t ii) 2" thick (50 mm	oitume	en anc		polyther			e			0 ,,						
	-11	(a) with one coat t ii) 2" thick (50 mm 9" walls	oitume) 1	x	1.00	polyther x	103.42		e 0.75			=	77.57 Sft					
	-11	(a) with one coat t ii) 2" thick (50 mm 9" walls Service counter	oitume) 1 1	x x	1.00 1.00		103.42 10.75		e 0.75 0.75				77.57 Sft 8.06 Sft					
	-11	 (a) with one coat t ii) 2" thick (50 mm 9" walls Service counter Entrance 	oitume) 1 1	x	1.00 1.00 2.00	x	103.42 10.75 18.01	x x x	0.75 0.75 0.75			=	77.57 Sft 8.06 Sft 27.02 Sft					
	-11	(a) with one coat to ii) 2" thick (50 mm 9" walls Service counter Entrance D-2	oitume) 1 1 1	x x	1.00 1.00 2.00 1.00	x x	103.42 10.75	x x x	e 0.75 0.75 0.75 0.75			=	77.57 Sft 8.06 Sft					
	-11	 (a) with one coat t ii) 2" thick (50 mm 9" walls Service counter Entrance 	oitume) 1 1 1	x x x	1.00 1.00 2.00	x x x	103.42 10.75 18.01 3.50	x x x	0.75 0.75 0.75			= =	77.57 Sft 8.06 Sft 27.02 Sft					
	-11	(a) with one coat to ii) 2" thick (50 mm 9" walls Service counter Entrance D-2) 1 1 1 1	x x x x x	1.00 1.00 2.00 1.00	x x x x	103.42 10.75 18.01 3.50 3.00	x x x x x	e 0.75 0.75 0.75 0.75			= = =	77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft					
	-11	(a) with one coat to ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3) 1 1 1 1 1 1 1	x x x x x x	1.00 1.00 2.00 1.00 3.00	x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25	x x x x x x	e 0.75 0.75 0.75 0.75 0.75			= = = =	77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft					
	-11	(a) with one coat to ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4) 1 1 1 1 1 1 1	x x x x x x x x	1.00 1.00 2.00 1.00 3.00 2.00	x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00	x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75			= = = =	77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft					
	-11	(a) with one coat b ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls) 1 1 1 1 1 1 1	x x x x x x x x	1.00 1.00 2.00 1.00 3.00 2.00 1.00	x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00	x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 1.13			= = = = =	77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft					
	-11	(a) with one coat b ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls) 1 1 1 1 1 1 1 1 1	x x x x x x x x x x	1.00 1.00 2.00 1.00 3.00 2.00 1.00 1.00	x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00	x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 1.13 0.75				77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.87 Sft 5.38 Sft					
	-11	(a) with one coat to ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls) 1 1 1 1 1 1 1 1 1	x x x x x x x x x x x x	1.00 1.00 2.00 1.00 3.00 2.00 1.00 1.00	x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83	x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75				 77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.87 Sft 					
		(a) with one coat to ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall	bitume) 1 1 1 1 1 1 1 1 1	x x x x x x x x x x x x	1.00 1.00 2.00 1.00 3.00 2.00 1.00 1.00 1.00 1.00	x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17	x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75 0.75		t Total		77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.87 Sft 5.38 Sft	154.64	Cft	100	10,203.55	15,779.02
6 7		 (a) with one coat bill (a) with one coat bill (b) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Pacca brick work in 	bitume) 1 1 1 1 1 1 1 1 1	x x x x x x x x x x x x	1.00 1.00 2.00 1.00 3.00 2.00 1.00 1.00 1.00 1.00	x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17	x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 1.13 0.75 0.75 0.75 0.75				 77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.87 Sft 5.38 Sft 4.50 Sft 4.50 Sft 	154.64	Cft	100	10,203.55	15,779.02
6 7		 (a) with one coat bill (a) with one coat bill (b) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Pacca brick work in Ratio 1:4) 	bitume) 1 1 1 1 1 1 1 1 1 1 1	X X X X X X X X X und flo	1.00 1.00 2.00 1.00 3.00 2.00 1.00 1.00 1.00 1.00	x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00	x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne	t Total		 77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 5.38 Sft 4.50 Sft 154.64 Sft 	154.64	Cft	100	10,203.55	15,779.02
6 7		 (a) with one coat bill (a) with one coat bill (b) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Pacca brick work in Ratio 1:4) 9" walls 	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x und flo	1.00 1.00 2.00 1.00 3.00 2.00 1.00 1.00 1.00 1.00	x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00	x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne	t Total 10.00		 77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 4.50 Sft 154.64 Sft 775.65 Cft 	154.64	Cft	100	10,203.55	15,779.02
6 7		 (a) with one coat it ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Pacca brick work it Ratio 1:4) 9" walls Service counter 	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x und flo x x	1.00 1.00 2.00 1.00 3.00 2.00 1.00 1.00 1.00 1.00 0.00 1.00	x x x x x x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00	x x x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne x x	t Total 10.00 10.00		77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 4.50 Sft 154.64 Sft 154.64 Sft	154.64	Cft	100	10,203.55	15,779.02
6 7		 (a) with one coat it ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Pacca brick work it Ratio 1:4) 9" walls Service counter Entrance 	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x x und flo x x x	1.00 1.00 2.00 1.00 2.00 1.00 1.00 1.00	x x x x x x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00 103.42 10.75 18.01	x x x x x x x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne x x x	t Total 10.00 10.00 10.00		77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 4.50 Sft 154.64 Sft 154.64 Sft	154.64	Cft	100	10,203.55	15,779.02
6 7		 (a) with one coat it ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Toe wall Service counter Ratio 1:4) 9" walls Service counter Entrance D-2 	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x x vund flo x x x x x	1.00 1.00 2.00 1.00 2.00 1.00 1.00 1.00	x x x x x x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00 103.42 10.75 18.01 3.50	x x x x x x x x x x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne x x x x x	t Total 10.00 10.00 10.00 10.00		77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 4.50 Sft 154.64 Sft 775.65 Cft 80.63 Cft 270.15 Cft 26.25 Cft	154.64	Cft	100	10,203.55	15,779.02
6 7		 (a) with one coat it ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Toe wall Service counter Ratio 1:4) 9" walls Service counter Entrance D-2 D-3 	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x x x vund flo x x x x x x x x x x x x x x x x x x x	1.00 1.00 2.00 1.00 2.00 1.00 1.00 1.00	x x x x x x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00 103.42 10.75 18.01 3.50 3.00	x x x x x x x x x x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne x x x x x x	t Total 10.00 10.00 10.00 10.00 10.00		77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 4.50 Sft 4.50 Sft 154.64 Sft 775.65 Cft 80.63 Cft 270.15 Cft 26.25 Cft 67.50 Cft	154.64	Cft	100	10,203.55	15,779.02
6 7		 (a) with one coat it ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Toe wall Pacca brick work it Ratio 1:4) 9" walls Service counter Entrance D-2 D-3 D-4 	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x x x x x x x x x x x x	1.00 1.00 2.00 1.00 2.00 1.00 1.00 1.00	x x x x x x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00 103.42 10.75 18.01 3.50 3.00 2.25	x x x x x x x x x x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne x x x x x x x x x	t Total 10.00 10.00 10.00 10.00 10.00 10.00		77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 4.50 Sft 4.50 Sft 154.64 Sft 154.64 Sft 775.65 Cft 80.63 Cft 270.15 Cft 26.25 Cft 67.50 Cft	154.64	Cft	100	10,203.55	15,779.02
6 7		(a) with one coat bills ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Pacca brick work i Ratio 1:4) 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x x x vund flo x x x x x x x x x x x x x x x x x x x	1.00 1.00 2.00 1.00 2.00 1.00 1.00 1.00	x x x x x x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00 103.42 10.75 18.01 3.50 3.00 2.25 8.00	x x x x x x x x x x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne x x x x x x x x x	t Total 10.00 10.00 10.00 10.00 10.00 10.00 10.00		77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 4.50 Sft 4.50 Sft 154.64 Sft 154.64 Sft 775.65 Cft 80.63 Cft 270.15 Cft 26.25 Cft 67.50 Cft 33.75 Cft	154.64	Cft	100	10,203.55	15,779.02
6 7		 (a) with one coat it ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Toe wall Pacca brick work it Ratio 1:4) 9" walls Service counter Entrance D-2 D-3 D-4 	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x x x x x x x x x x x x	1.00 1.00 2.00 1.00 2.00 1.00 1.00 1.00	x x x x x x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00 103.42 10.75 18.01 3.50 3.00 2.25	x x x x x x x x x x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne x x x x x x x x x	t Total 10.00 10.00 10.00 10.00 10.00 10.00		77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 4.50 Sft 4.50 Sft 154.64 Sft 154.64 Sft 775.65 Cft 80.63 Cft 270.15 Cft 26.25 Cft 67.50 Cft	154.64	Cft	100	10,203.55	15,779.02
6 7		(a) with one coat bills ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Pacca brick work i Ratio 1:4) 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x x x x x x x x x x x x	1.00 1.00 2.00 1.00 2.00 1.00 1.00 1.00	x x x x x x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00 103.42 10.75 18.01 3.50 3.00 2.25 8.00	x x x x x x x x x x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne x x x x x x x x x	t Total 10.00 10.00 10.00 10.00 10.00 10.00 10.00		77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.38 Sft 4.50 Sft 4.50 Sft 154.64 Sft 154.64 Sft 775.65 Cft 80.63 Cft 270.15 Cft 26.25 Cft 67.50 Cft 33.75 Cft	154.64	Cft	100	10,203.55	15,779.02
6 7		(a) with one coat bills ii) 2" thick (50 mm 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls 4-1/2" walls Toe wall Toe wall Toe wall Pacca brick work i Ratio 1:4) 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls	bitume) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x x x x x x x x x x x x x x x x x x	1.00 1.00 2.00 1.00 2.00 1.00 1.00 1.00	x x x x x x x x x x x x x x x x x x x	103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00 7.83 7.17 6.00 103.42 10.75 18.01 3.50 3.00 2.25 8.00 6.00	x x x x x x x x x x x x x x x x x x x	e 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Ne x x x x x x x x x	t Total 10.00 10.00 10.00 10.00 10.00 10.00 10.00 8.00		 77.57 Sft 8.06 Sft 27.02 Sft 2.63 Sft 6.75 Sft 3.38 Sft 9.00 Sft 4.50 Sft 5.87 Sft 5.38 Sft 4.50 Sft 154.64 Sft 775.65 Cft 80.63 Cft 270.15 Cft 26.25 Cft 67.50 Cft 33.75 Cft 90.00 Cft 18.00 Cft 	154.64	Cft	100	10,203.55	15,779.02

			х	1.00	Х	10.00	x 0.7	5	2.50	=	18.75 Cft					
		1	х	1.00	X		x 0.7		2.50		15.47 Cft					
		1	x	1.00	x		x 0.7		2.50		8.44 Cft					
		1	х	1.00	х	9.67	x 0.7	'5	2.50	=	18.13 Cft					
		1	х	1.00	х	6.33	x 0.7	'5	2.50	=	11.87 Cft					
		1	х	1.00	x	6.75	x 0.7	'5	2.50	=	12.66 Cft					
	Deductions	1														
	Service counter	-1	х	1.00	x	7.17	x 0.7	′5 x	7.00	=	(37.64) Cft					
	Entrance	-1	х	2.00	x	18.01	x 0.7	′5 x			(189.11) Cft					
	D-2		x	1.00	x			′5 x			(18.38) Cft					
	D-3	-1		3.00	x			′5 x			(47.25) Cft					
	D-4	-1	х	2.00	х	2.25	x 0.7	′5 x	7.00	=	(23.63) Cft					
	W-3	-1	х	1.00	x	4.00	x 0.7	′5 x	3.50	=	(10.50) Cft					
	W-4	-1	х	1.00	x	2.00	x 0.7	′5 x	2.00	=	(3.00) Cft					
	Less lintles															
	Service counter	-1	х	1.00	x	9.17	x 0.7	′5 x	0.75	=	(5.16) Cft					
	Entrance	-1	х	2.00	х	20.01	x 0.7	′5 x	0.75	=	(22.51) Cft					
	D-2	-1	х	1.00	Х	5.00	x 0.7	′5 x	0.75	=	(2.81) Cft					
	D-3	-1	х	3.00	x	4.50	x 0.7	′5 x	0.75	=	(7.59) Cft					
	D-4		х	2.00	Х			′5 x			(4.22) Cft					
	W-3		х	1.00	х			′5 x			(3.09) Cft					
	W-4	-1	Х	1.00	x	3.50	x 0.7	'5 x	0.75	=	(1.97) Cft					
									Net Total	=	1,106.53 Cft	1,106.53	Cft	100	34,857.00	385,702.94
6 6	Providing and laying graded and washed compacting, curing its fabrication and (a)(iii) Reinforced	ed agg g, ren placir ceme	gregat dering ng in p nt con	e, in requi g and finis position, e ncrete in sl	ired shape hing expos tc.):- lab of rafts	and design ed surface, / strip foun	, including forr complete (but dation, base sl	ns, mo excluc ab of c	oulds, shutteri ding the cost o column and re	ng, lif of ste etainir	fting, el reinforcement, ng walls; etc and					
6 6	graded and washe compacting, curing its fabrication and	ed agg g, ren placir ceme ner str	gregat dering ng in p nt con ructura	e, in requi g and finis position, e ncrete in sl al member	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me	, including forr complete (but dation, base sl	ns, mo excluc ab of c	oulds, shutteri ding the cost o column and re	ng, lif of ste etainir	fting, el reinforcement, ng walls; etc and					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth	ed agg g, ren placir placir ceme ner str utterin	gregat dering ng in p nt con ructura g) cor	e, in requi g and finisi position, e ncrete in si al member nplete in a	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me	, including forr complete (but dation, base sl	ns, mo excluc ab of c	oulds, shutteri ding the cost o column and re	ng, lif of ste etainir	fting, el reinforcement, ng walls; etc and					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu	ed agg g, ren placir placir ceme ner str utterin	gregat dering ng in p nt con uctura g) cor	e, in requi g and finisi position, e ncrete in si al member nplete in a	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me	, including forr complete (but dation, base sl	ns, mo excluc ab of c) (i)&(i	oulds, shutteri ding the cost o column and re	ng, lii of ste etainir equir	fting, el reinforcement, ng walls; etc and					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin	ed agg g, ren placir placir ceme ner str utterin al mix	gregat dering ng in p nt con uctura g) cor	e, in requi g and finisi position, e ncrete in si al member mplete in a 4)	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :-	, including forr complete (but dation, base sl ntioned in 6(a	ns, mo excluc ab of c) (i)&(i	oulds, shutteri ding the cost o column and re i) above not r	ng, lif of ste etainir equir =	fting, el reinforcement, ng walls; etc and ing form work					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls	ed agg g, ren placir placir ceme ner str utterin al mix 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finis position, e ncrete in s al member mplete in a 4) 1.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42	, including forr complete (but dation, base sl ntioned in 6(a 3.0	ns, mo excluc ab of c) (i)&(i)00	oulds, shutteri ding the cost o column and re i) above not r 1.00	ng, lii of ste etainir equir = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter	ed agg g, ren placir placir ceme ner str utterin al mix 1 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finis position, e ncrete in sl al member mplete in a 4) 1.00 1.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42 10.75	, including forr complete (but dation, base sl ntioned in 6(a 3.0	ns, mo excluc ab of c) (i)&(i)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00	ng, lii of ste etainir equir = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance	ed agg g, ren placir placir ceme ner str utterin al mix 1 1 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finish position, e ncrete in sh al member mplete in a 4) 1.00 1.00 2.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42 10.75 18.01	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0	ns, mo excluc ab of c) (i)&(i)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00	ng, lii of ste etainir equir = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2	ed agg g, ren placir placir ceme ner str utterin al mix 1 1 1 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finish position, e ncrete in sh al member mplete in a 4) 1.00 2.00 1.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00	ng, lit of ste etainir equir = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3	ed agg g, ren placir placir ceme ner str utterin al mix 1 1 1 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finision, e cosition, e ncrete in sl al member mplete in a 4) 1.00 2.00 1.00 3.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00	ng, lif of ste etainir equir = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 27.00 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4	ed agg g, rend placir ceme ner str utterin al mix 1 1 1 1 1 1 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finish position, e ncrete in sh al member mplete in a 4) 1.00 2.00 1.00 3.00 2.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.33	ng, lif of ste etainir equir = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 13.50 Cft 10.50 Cft 10.50 Cft 30.05 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls Planters	ed agg g, rend placir ceme ner str utterin al mix 1 1 1 1 1 1 1 1 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 1.00 1.00 2.00 1.00 2.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08 31.65	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00 1.00 0.33 0.33	ng, lif of ste etainir equir = = = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 13.50 Cft 13.50 Cft 10.50 Cft 30.05 Cft 20.89 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls	ed agg g, rend placir placir ceme ner str utterin 1 1 1 1 1 1 1 1 1 1 1 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 1.00 2.00 1.00 2.00 1.00 2.00 1.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00 1.00 0.33 0.33	ng, lif of ste etainin equir = = = = = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 13.50 Cft 13.50 Cft 10.50 Cft 30.05 Cft 20.89 Cft 14.52 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls Planters	ed agg g, rend placir ceme ner str utterin 1 1 1 1 1 1 1 1 1 1 1 1 1 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 1.00 1.00 2.00 1.00 2.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08 31.65	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00 1.00 0.33 0.33	ng, lif of ste etainin equir = = = = = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 13.50 Cft 13.50 Cft 10.50 Cft 30.05 Cft 20.89 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls Planters	ed agg g, rend placir ceme ner str utterin al mix 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	gregat dering ng in p nt con uctura g) cor	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 1.00 2.00 1.00 2.00 1.00 2.00 1.00	ired shape hing expos tc.):- lab of rafts is other tha	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08 31.65 44.00	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	column and re i) above not r i) above not r 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.33 0.33	ng, lif of ste etainin equir = = = = = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 10.50 Cft 13.50 Cft 10.50 Cft 30.05 Cft 20.89 Cft 14.52 Cft 5.64 Cft					
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls Planters Stair landing	ed agg g, rend placir ceme ner str utterin 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	gregat dering ng in p ent con cuctura g) cor k 1: 2:	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 1.00 2.00 1.00 1	ired shape hing exposite.):- lab of rafts rs other tha all respects	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08 31.65 44.00 17.08	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00 1.00 0.33 0.33	ng, lif of ste etainir equir = = = = = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 27.00 Cft 13.50 Cft 10.50 Cft 30.05 Cft 20.89 Cft 14.52 Cft 5.64 Cft	583.17	Cft	1	456.95	266,479.30
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls Planters Stair landing (a) (i) Reinforced of situ or precast laid	ed agg g, rend placir ceme ner str utterin al mix 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ent con ent con ent con ent con cosition	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 2.00 1.00 1.00	of slab, be	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08 31.65 44.00 17.08	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00 0.33 0.33 0.33	ng, lif of ste etainir equir = = = = = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 27.00 Cft 13.50 Cft 10.50 Cft 30.05 Cft 20.89 Cft 14.52 Cft 5.64 Cft	583.17	Cft	1	456.95	266,479.30
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls Planters Stair landing (a) (i) Reinforced of situ or precast laid (3) Type C (nomin	ed agg g, rend placir ceme ner str utterin al mix 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ent con ent con ent con ent con cosition	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 2.00 1.00 1.00	of slab, be	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08 31.65 44.00 17.08	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00 0.33 0.33 0.33	ng, lif of ste etainir equir = = = = = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 27.00 Cft 13.50 Cft 10.50 Cft 30.05 Cft 20.89 Cft 14.52 Cft 5.64 Cft 583.17 Cft	583.17	Cft	1	456.95	266,479.30
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls Planters Stair landing (a) (i) Reinforced of situ or precast laid (3) Type C (nomin Slab	ed agg g, rend placir ceme ner str utterin al mix 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ent con ent con ent con ent con cosition	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 2.00 1.00 1.00	of slab, be	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08 31.65 44.00 17.08	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00 0.33 0.33 0.33	ng, lif of ste etainir equir = = = = = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 27.00 Cft 13.50 Cft 10.50 Cft 30.05 Cft 20.89 Cft 14.52 Cft 5.64 Cft	583.17	Cft	1	456.95	266,479.30
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls Planters Stair landing (a) (i) Reinforced of situ or precast laid (3) Type C (nomin	ed agg g, rend placir ceme ner str utterin al mix 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ent con ent con ent con ent con cosition	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 2.00 1.00 1.00	of slab, be	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08 31.65 44.00 17.08	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	column and re i) above not r i) above not r i) above not r 1.00 1.00 1.00 1.00 1.00 1.00 0.33 0.33	ng, lif of ste etainir equir = = = = = = = = = = = = = = =	fting, el reinforcement, ag walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 27.00 Cft 13.50 Cft 13.50 Cft 30.05 Cft 20.89 Cft 14.52 Cft 5.64 Cft 5.64 Cft 583.17 Cft nembers laid in	583.17	Cft	1	456.95	266,479.30
6 6	graded and washe compacting, curing its fabrication and (a)(iii) Reinforced footing beams, oth (i.e. horizontal shu (3) Type C (nomin 9" walls Service counter Entrance D-2 D-3 D-4 13.5" walls Planters Stair landing (a) (i) Reinforced of situ or precast laid (3) Type C (nomin Slab	ed agg g, rend placir ceme ner str utterin al mix 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ent con ent con ent con ent con cosition	e, in requi g and finish position, e acrete in sh al member mplete in a 4) 1.00 2.00 1.00 2.00 1.00 2.00 1.00 1.00	of slab, be	and design ed surface, / strip found n those me :- 103.42 10.75 18.01 3.50 3.00 2.25 3.50 91.08 31.65 44.00 17.08	, including forr complete (but dation, base sl ntioned in 6(a 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	ns, mo exclud ab of c) (i)&(i)0)0)0)0)0)0)0)0)0)0)0)0)0	oulds, shutteri ding the cost of column and re i) above not r 1.00 1.00 1.00 1.00 1.00 0.33 0.33 0.33	ng, lif of ste etainir equir = = = = = = = = = = = = = = = = = = =	fting, el reinforcement, ng walls; etc and ing form work 310.26 Cft 32.25 Cft 108.06 Cft 10.50 Cft 27.00 Cft 13.50 Cft 10.50 Cft 30.05 Cft 20.89 Cft 14.52 Cft 5.64 Cft 583.17 Cft	583.17	Cft	1	456.95	266,479.30

					1.00 1.00		31.65		area		3.00 Total		94.95 Cft 463.14 Cft	463.14	05	100	1,016.40	4,707.
												=	94.95 Cft					
					1.00												-	
	1				1 00		31.65		area		3.00	=	94.95 Cft					
	NPUT	In planters	-		1.00		91.08		area		3.00	=	273.24 Cft					
	 MRS	Good earth/soil fo	or plan	ters							iuai	-		007.01		100	2,002.00	20,090.
											Total	=	807.01 Cft	807.01	Cft	100	2,862.00	23,096.
		Toilet			1.00	х	31.85	х	area	х	2.25	=	71.66 Cft					
		Toilet			1.00	х	22.42	х	area	х	2.25		50.45 Cft					
		Storage			1.00	x	56.37	х	area	х	2.25	=	126.83 Cft					
		Kitchen			1.00	x	76.08	х	area	х	2.25	=	171.18 Cft					
		Shop			1.00	х	124.46	х	area	х	2.25	=	280.04 Cft					
		Court yard			1.00	х	158.13	х	area	х	2.25	=	355.80 Cft					
7	30	Supplying and fill	ing sa	nd un	der floor;	or pluggi	ing in wells.											
		FLOOR																
										Total		=	4,937.82 Kg	4,937.82	Kg.	100	31,945.90	1,577,43
					7.00	=	1,029.12	х	6.75	/	2.20	=	3,151.80 Kg					
		Quty:as per item	No.		7.00	=	583.17	х	6.75	1	2.20	=	1,786.02 Kg					
		('c) Deformed bai	rs (Gra	de-60	C													
6	12.c	Fabrication of m joints and fasten includes removal	ings, i	includ	ding cost													
											Total	=	1,029.12 Cft	1,029.12	Cft	1	566.35	582,842
		W-4	1	х	1.00	х	3.50	х	0.75	х	0.75	=	1.97 Cft					
		W-3	1	X	1.00	x	5.50	х	0.75		0.75		3.09 Cft					
		D-4	1		2.00		3.75		0.75	I	0.75		5.63 Cft					
		D-3	1		3.00		4.50		0.75		0.75		10.13 Cft					
		D-2	1		1.00		5.00		0.75		0.75		3.75 Cft					
		Entrance	1		2.00		20.01		0.75		0.75		30.02 Cft					
		Service counter	1		1.00		9.17		0.75		0.75		6.88 Cft					
		Add Lintles	I	I			1		1	I			- Cft					
		Less opening	-1	х	1.00		212.08		area		0.33		(69.99) Cft					
		roof	1		1.00		331.71		area		0.33		109.46 Cft					
		Uper Roof Bottom of upper	1		1.02		331.71		area		0.33		111.65 Cft					
		Less opening	-1		1.00		588.00		area		0.50		(294.00) Cft					
		roof	1		1.00		830.73		area		0.50		415.36 Cft					
		Add slope factor Bottom of lower	1						area			-						
			4		1.05		618.65				0.50	_	324.79 Cft					
		Less inner area					(212.08)		area				Cft					
		Less vents Lower Roof	- 1		0.00		830.73		area		1.00		(45.00) Cit Cft					
		Roof walls Less Vents	1 -1		1.00 8.00		50.50 5.00		0.75 0.75		4.21 1.50		159.45 Cft (45.00) Cft					
		area																
		area Roof Storage	1		1.00		149.96		area		0.50		74.98 Cft					
		Roof Kitchen	1		1.00		104.58		area		0.50		52.29 Cft					
		Roof toilet area	1		1.00		74.50		area		0.50		37.25 Cft					
			1		1.00		4.00		0.33		3.00		3.96 Cft					
			1		1.00		3.00		0.33		3.00		2.97 Cft					
			1 1		1.00 1.00		6.50 3.00		0.33 0.33		3.00 3.00		6.44 Cft 2.97 Cft					
		Along stair	1		1.00		7.83		0.33		3.00		7.75 Cft					
			2		1.00		4.50		0.33		3.00		8.91 Cft					
			2		1.00		3.50		0.33		3.00		6.93 Cft					
			2		1.00		6.75		0.33		3.00	=	13.37 Cft					

			Labour			0.10	77.00						
			Contractor's			0.20	169.40						
			O.H. Profit Total			0.20	1,016.40						
12	3	32	Turfing slopes of banks of within a distance of 5 mile				ting and watering	(Turf got from					
			In planters	1.00	91.08	area	=	= 91.08 Sft					
				1.00	31.65	area	=	= 31.65 Sft					
				1.00	31.65	area	:	= 31.65 Sft					
							Total =	= 154.38 Sft	154.38	Sft	100	1,848.00	2,852.94
13	10	3	Providing, laying, waterin floor foundation, complete		k ballast 1½" to 2"(4	0 mm to 50 mm) gauge mixed wi	th 25% sand, for					
			Court yard	1.00	158.13 x	area	x 0.33 =	52.18 Cft					
			Shop	1.00	124.46 x	area	x 0.33 =	41.07 Cft					
			Kitchen	1.00	76.08	area	0.33	25.11 Cft					
			Storage	1.00	56.37	area	0.33	18.60 Cft					
			Toilet	1.00	22.42	area	0.33	7.40 Cft					
			Toilet	1.00	31.85	area	0.33	10.51 Cft					
					x		Total =	= 154.87 Cft	154.87	Cft	100	10,256.50	15,884.55
													,
14	10	42	Providing and laying sup design, Color and Shade		-		-						
			joints i/c cutting grinding										
			a) Full body Glazed tiles										
			(ii) 600mmx 600 mm										
			Court yard	1.00	158.13 -	area		158.13 Sft					
			Shop	1.00	124.46 -	area		124.46 Sft					
			Kitchen	1.00	76.08	area		76.08 Sft					
			Storage	1.00	EC 27			56 27 SH					
			eterage	1.00	56.37	area		56.37 Sft					
			Toilet	1.00	22.42	area area		22.42 Sft					
			_										
			Toilet	1.00	22.42	area	Total =	22.42 Sft 31.85 Sft	469.31	Sft	1	360.40	169,140.04
15	10	43	Toilet	1.00 1.00 erb quality Porcelair d over 1/2"thick (1:2	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir	22.42 Sft 31.85 Sft = 469.31 Sft ied size, Color and		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Providing and laying sup Shade with adhesive/bon	1.00 1.00 erb quality Porcelair d over 1/2"thick (1:2	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir	22.42 Sft 31.85 Sft = 469.31 Sft ied size, Color and		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Providing and laying sup Shade with adhesive/bon grinding complete in all re	1.00 1.00 erb quality Porcelair d over 1/2"thick (1:2	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir	22.42 Sft 31.85 Sft = 469.31 Sft ied size, Color and		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Providing and laying sup Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles	1.00 1.00 erb quality Porcelair d over 1/2"thick (1:2	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir	22.42 Sft 31.85 Sft = 469.31 Sft ied size, Color and		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Providing and laying sup Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm	1.00 1.00 erb quality Porcelair nd over 1/2"thick (1:2 espect as approved	22.42 31.85 an glazed tiles of Mas 2) cement plaster i/c and directed by the	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge.	22.42 Sft 31.85 Sft = 469.31 Sft ied size, Color and ng the joints, cutting		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Providing and laying sup Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard	1.00 1.00 erb quality Porcelair nd over 1/2"thick (1:2 espect as approved 1.00	22.42 31.85 an glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge. 0.50	22.42 Sft 31.85 Sft = 469.31 Sft ied size, Color and ing the joints, cutting 29.21 Sft		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop	1.00 1.00 erb quality Porcelair nd over 1/2"thick (1:2 espect as approved 1.00 1.00	22.42 31.85 an glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge. 0.50 0.50	22.42 Sft 31.85 Sft = 469.31 Sft ied size, Color and ng the joints, cutting 29.21 Sft 22.29 Sft		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen	1.00 1.00 erb quality Porcelair nd over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50	22.42 Sft 31.85 Sft = 469.31 Sft ied size, Color and ing the joints, cutting 29.21 Sft 22.29 Sft 18.75 Sft		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage	1.00 1.00 erb quality Porcelair nd over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 0.50	22.42 Sft 31.85 Sft = 469.31 Sft ied size, Color and ig the joints, cutting 29.21 Sft 22.29 Sft 18.75 Sft 14.75 Sft		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage Toilet	1.00 1.00 erb quality Porcelair nd over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00 1.00	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50 22.42	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 0.50 7.00	22.42 Sft 31.85 Sft 469.31 Sft ied size, Color and bg the joints, cutting 29.21 Sft 22.29 Sft 18.75 Sft 14.75 Sft 14.75 Sft		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage Toilet Toilet	1.00 1.00 erb quality Porcelair ad over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00 1.00 1.00 1.00	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50 22.42 31.85	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 0.50 7.00 7.00	22.42 Sft 31.85 Sft 469.31 Sft ied size, Color and g the joints, cutting 29.21 Sft 22.29 Sft 18.75 Sft 14.75 Sft 14.75 Sft 156.94 Sft 222.95 Sft		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage Toilet Toilet	1.00 1.00 erb quality Porcelain ad over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00 1.00 1.00 (1.00)	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50 22.42 31.85 17.00	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 7.00 7.00 0.50	22.42 Sft 31.85 Sft 469.31 Sft ied size, Color and g the joints, cutting 29.21 Sft 22.29 Sft 18.75 Sft 14.75 Sft 156.94 Sft 222.95 Sft (8.50) Sft		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage Toilet Toilet	1.00 1.00 erb quality Porcelain d over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00 1.00 1.00 (1.00) (2.00)	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50 22.42 31.85 17.00 3.50	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 7.00 7.00 0.50 0.50 0.5	22.42 Sft 31.85 Sft 469.31 Sft ied size, Color and g the joints, cutting 29.21 Sft 22.29 Sft 18.75 Sft 14.75 Sft 156.94 Sft 222.95 Sft (8.50) Sft (3.50) Sft		Sft	1	360.40	169,140.04
15	10	43	Toilet Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage Toilet Toilet	1.00 1.00 erb quality Porcelair ad over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00 1.00 (1.00) (2.00) (5.00)	22.42 31.85 n glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50 22.42 31.85 17.00 3.50 3.00	area area ter brand, skirti the cost of and	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 0.50 7.00 7.00 0.50 0.5	22.42 Sft 31.85 Sft 469.31 Sft ied size, Color and g the joints, cutting 29.21 Sft 22.29 Sft 18.75 Sft 14.75 Sft 14.75 Sft 156.94 Sft 222.95 Sft (8.50) Sft (3.50) Sft (3.50) Sft (35.00) Sft			1	360.40	169,140.04
	10	43	Toilet Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage Toilet Toilet	1.00 1.00 erb quality Porcelain d over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00 1.00 (2.00) (5.00) (2.00) (2.00)	22.42 31.85 an glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50 22.42 31.85 17.00 3.50 3.00 2.50	area area ter brand, skirti the cost of and Engineer Incha	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 0.50 7.00 7.00 0.50 0.5	22.42 Sft 31.85 Sft a 469.31 Sft ied size, Color and ig the joints, cutting 29.21 Sft 29.21 Sft 18.75 Sft 18.75 Sft 14.75 Sft 156.94 Sft 222.95 Sft (3.50) Sft (3.50) Sft (35.00) Sft (35.00) Sft a 410.39 Sft Sft ad quality laid with Sft Sft					
			Toilet Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage Toilet Toilet Less door Providing and laying Prej adhesive bond over 3/4"	1.00 1.00 erb quality Porcelain ind over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00 1.00 1.00 (1.00) (2.00) (2.00) (2.00) (2.00) (2.00) (2.00)	22.42 31.85 an glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50 22.42 31.85 17.00 3.50 3.00 2.50	area area ter brand, skirti the cost of and Engineer Incha	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 0.50 7.00 7.00 0.50 0.5	22.42 Sft 31.85 Sft a 469.31 Sft ied size, Color and ig the joints, cutting 29.21 Sft 29.21 Sft 18.75 Sft 18.75 Sft 14.75 Sft 156.94 Sft 222.95 Sft (3.50) Sft (3.50) Sft (35.00) Sft (35.00) Sft a 410.39 Sft Sft ad quality laid with Sft Sft					
			Toilet Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage Toilet Toilet Less door Providing and laying Prep adhesive bond over 3/4" the Engineer Incharge	1.00 1.00 erb quality Porcelain ind over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00 1.00 1.00 (1.00) (2.00) (2.00) (2.00) (2.00) (2.00) (2.00)	22.42 31.85 an glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50 22.42 31.85 17.00 3.50 3.00 2.50	area area ter brand, skirti the cost of and Engineer Incha	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 0.50 7.00 7.00 0.50 0.5	22.42 Sft 31.85 Sft a 469.31 Sft ied size, Color and ig the joints, cutting 29.21 Sft 29.21 Sft 18.75 Sft 18.75 Sft 14.75 Sft 156.94 Sft 222.95 Sft (3.50) Sft (3.50) Sft (35.00) Sft (35.00) Sft a 410.39 Sft Sft ad quality laid with Sft Sft					
15			Toilet Toilet Toilet Providing and laying supe Shade with adhesive/bon grinding complete in all re a) Full body Glazed tiles (ii) 600mmx 600 mm Court yard Shop Kitchen Storage Toilet Less door Providing and laying Prep adhesive bond over 3/4" the Engineer Incharge ii) 3/4" thick (12"x24"/12":	1.00 1.00 erb quality Porcelain ind over 1/2"thick (1:2 espect as approved 1.00 1.00 1.00 1.00 1.00 1.00 (1.00) (2.00) (2.00) (2.00) (2.00) (2.00) (2.00)	22.42 31.85 an glazed tiles of Mas 2) cement plaster i/c and directed by the 58.42 44.58 37.50 29.50 22.42 31.85 17.00 3.50 3.00 2.50	area area ter brand, skirti the cost of and Engineer Incha	ng/dado of specif sealer for finishir rge. 0.50 0.50 0.50 0.50 7.00 7.00 0.50 0.5	22.42 Sft 31.85 Sft a 469.31 Sft ied size, Color and ig the joints, cutting 29.21 Sft 29.21 Sft 18.75 Sft 18.75 Sft 14.75 Sft 156.94 Sft 222.95 Sft (3.50) Sft (3.50) Sft (35.00) Sft (35.00) Sft a 410.39 Sft Sft ad quality laid with Sft Sft					

<u>-</u>											
			3.00	3.00	1.00	9.00 Sft					
			3.00	3.00	1.00	9.00 Sft					
		Front	5.00	6.00	1.00	30.00 Sft					
		Landing	1.00	17.08	area	17.08 Sft					
			1.00	23.98	area	23.98 Sft					
						Sft					
					Total		124.91	Sft	1	1,508.45	188,426.52
								on	·	1,000.40	100,420.02
17 10	50		ver 3/4" thick (1:2) cem		and shade of full width of appro omplete in all respect as approve						
		(ii) 1/2" thick									
		Counter	1.00	7.17	3.00	21.51 Sft					
		Site steps	2.00	3.00	3.00	18.00 Sft					
		Front side	1.00	6.00	3.00	18.00 Sft					
		Counter	1.00	7.17	4.25	30.47 Sft					
			1.00	7.17	4.20	50.47 OII					
		Walls	0.00	1.40	10.00						
		Counter	2.00	1.13	10.00	22.50 Sft					
			1.00	8.83	1.50	13.25 Sft					
		Sides	2.00	1.13	10.00	22.50 Sft					
			2.00	0.50	11.50	11.50 Sft					
					Total	= 157.73 Sft	157.73	Sft	1	1,193.45	188,239.88
	10	Extra for Beveling	g charges of marble ed	ge in approved design o	complete in all respects i/c the co	ost of Carborandam					
18 10	48		and directed by the Er								
		nosing									
		Counter	1 2.00	7.17		= 14.34 Rft					
		Steps	2 4.00	3.00		= 24.00 Rft					
			1 5.00 x	6.00		= 30.00 Rft					
					Total		68.34	Rft	1	27.90	1,906.69
		SURFACE RENE	DERING								
19 11	8.b	Cement Plaster 1	I;3 upto 20' height 1/2"	Thick (in side)							
		Court yard	1.00	58.42	12.00	= 701.04 Sft					
		Shop	1.00	44.58	12.00						
		Kitchen	1.00	37.50	12.00						
		Storage	1.00	67.66	12:00	100.00 010					
		Storage	1 00	29.50	12.00						
		Toilet	1.00 1.00	29.50 22.42	12.00 8.00	= 354.00 Sft					
		Toilet Toilet	1.00 1.00 1.00	29.50 22.42 31.85	12.00 8.00 8.00	= 354.00 Sft = 179.36 Sft					
			1.00	22.42	8.00	= 354.00 Sft = 179.36 Sft = 254.80 Sft					
		Toilet Less door	1.00 1.00 (1.00)	22.42 31.85 17.00	8.00 8.00 7.00	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft 					
		Toilet Less door Door	1.00 1.00 (1.00) (2.00)	22.42 31.85 17.00 3.50	8.00 8.00 7.00 7.00	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft 					
		Toilet Less door Door Door	1.00 1.00 (1.00) (2.00) (5.00)	22.42 31.85 17.00 3.50 3.00	8.00 8.00 7.00 7.00 7.00	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft (105.00) Sft 					
		Toilet Less door Door Door Door	1.00 1.00 (1.00) (2.00) (5.00) (2.00)	22.42 31.85 17.00 3.50 3.00 2.50	8.00 8.00 7.00 7.00 7.00 7.00	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft (105.00) Sft (35.00) Sft 					
		Toilet Less door Door Door Door W-3	1.00 1.00 (1.00) (2.00) (5.00) (2.00) (1.00)	22.42 31.85 17.00 3.50 3.00 2.50 4.00	8.00 8.00 7.00 7.00 7.00 7.00 3.50	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft (105.00) Sft (35.00) Sft (14.00) Sft 					
		Toilet Less door Door Door Door W-3 W-4	1.00 1.00 (1.00) (2.00) (5.00) (2.00)	22.42 31.85 17.00 3.50 3.00 2.50	8.00 8.00 7.00 7.00 7.00 7.00 3.50 2.00	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft (105.00) Sft (35.00) Sft (14.00) Sft (4.00) Sft 					
		Toilet Less door Door Door Door W-3	1.00 1.00 (1.00) (2.00) (5.00) (2.00) (1.00)	22.42 31.85 17.00 3.50 3.00 2.50 4.00	8.00 8.00 7.00 7.00 7.00 7.00 3.50 2.00 (410.39)	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft (105.00) Sft (35.00) Sft (14.00) Sft (4.00) Sft (410.39) Sft 					
20 11	10b	Toilet Less door Door Door W-3 W-4 Less wall tiles	1.00 1.00 (1.00) (2.00) (5.00) (2.00) (1.00) (1.00)	22.42 31.85 17.00 3.50 3.00 2.50 4.00 2.00	8.00 8.00 7.00 7.00 7.00 7.00 3.50 2.00 (410.39) Net Total	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft (105.00) Sft (35.00) Sft (14.00) Sft (4.00) Sft (410.39) Sft 		Sft	100	3,635.05	63,168.81
20 11	10b	Toilet Less door Door Door W-3 W-4 Less wall tiles	1.00 1.00 (1.00) (2.00) (5.00) (2.00) (1.00) (1.00)	22.42 31.85 17.00 3.50 3.00 2.50 4.00 2.00	8.00 8.00 7.00 7.00 7.00 7.00 3.50 2.00 (410.39)	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft (105.00) Sft (35.00) Sft (14.00) Sft (4.00) Sft (410.39) Sft 		Sft	100	3,635.05	63,168.81
20 11	10b	Toilet Less door Door Door W-3 W-4 Less wall tiles Cement plaster 3	1.00 1.00 (1.00) (2.00) (5.00) (2.00) (1.00) (1.00)	22.42 31.85 17.00 3.50 3.00 2.50 4.00 2.00	8.00 8.00 7.00 7.00 7.00 7.00 3.50 2.00 (410.39) Net Total	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft (105.00) Sft (35.00) Sft (14.00) Sft (4.00) Sft (410.39) Sft 		Sft	100	3,635.05	63,168.81
20 11	10b	Toilet Less door Door Door W-3 W-4 Less wall tiles Cement plaster 3 Ceiling Interior Roof toilet area Roof Kitchen	1.00 1.00 (1.00) (2.00) (5.00) (2.00) (1.00) (1.00) (1.00)	22.42 31.85 17.00 3.50 3.00 2.50 4.00 2.00	8.00 8.00 7.00 7.00 7.00 7.00 3.50 2.00 (410.39) Net Total	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft = (49.00) Sft (105.00) Sft (35.00) Sft (14.00) Sft (410.39) Sft = 1,737.77 Sft 		Sft	100	3,635.05	63,168.81
20 11	10b	Toilet Less door Door Door W-3 W-4 Less wall tiles Cement plaster 3 Ceiling Interior Roof toilet area Roof Kitchen area Roof Storage	1.00 1.00 (1.00) (2.00) (2.00) (1.00) (1.00) 8/8" (10 mm) thick under 1.00	22.42 31.85 17.00 3.50 3.00 2.50 4.00 2.00	8.00 8.00 7.00 7.00 7.00 7.00 3.50 2.00 (410.39) Net Total	 = 354.00 Sft = 179.36 Sft = 254.80 Sft = (119.00) Sft (105.00) Sft (105.00) Sft (35.00) Sft (14.00) Sft (410.39) Sft = 1,737.77 Sft 		Sft	100	3,635.05	63,168.81
20 11	10b	Toilet Less door Door Door W-3 W-4 Less wall tiles Cement plaster 3 Ceiling Interior Roof toilet area Roof Kitchen area	1.00 1.00 (1.00) (2.00) (2.00) (1.00) (1.00) (1.00) 8/8" (10 mm) thick under 1.00 1.00	22.42 31.85 17.00 3.50 3.00 2.50 4.00 2.00 r soffit of R.C.C. roof sla 74.50 104.58	8.00 8.00 7.00 7.00 7.00 7.00 3.50 2.00 (410.39) Net Total	$= 354.00 \text{ Sft} \\= 179.36 \text{ Sft} \\= 254.80 \text{ Sft} \\= (119.00) \text{ Sft} \\(19.00) \text{ Sft} \\(105.00) \text{ Sft} \\(35.00) \text{ Sft} \\(14.00) \text{ Sft} \\(4.00) \text{ Sft} \\(410.39) \text{ Sft} \\= 1,737.77 \text{ Sft} \\74.50 \\104.58 \end{bmatrix}$		Sft	100	3,635.05	63,168.81
20 11	10b	Toilet Less door Door Door W-3 W-4 Less wall tiles Cement plaster 3 Ceiling Interior Roof toilet area Roof Kitchen area Roof Storage	1.00 1.00 (1.00) (2.00) (2.00) (1.00) (1.00) (1.00) 8/8" (10 mm) thick under 1.00 1.00	22.42 31.85 17.00 3.50 3.00 2.50 4.00 2.00 r soffit of R.C.C. roof sla 74.50 104.58	8.00 8.00 7.00 7.00 7.00 7.00 3.50 2.00 (410.39) Net Total	$= 354.00 \text{ Sft} \\= 179.36 \text{ Sft} \\= 254.80 \text{ Sft} \\= (119.00) \text{ Sft} \\(105.00) \text{ Sft} \\(105.00) \text{ Sft} \\(35.00) \text{ Sft} \\(4.00) \text{ Sft} \\(4.00) \text{ Sft} \\(410.39) \text{ Sft} \\= 1,737.77 \text{ Sft} \\\\74.50 \\104.58 \\149.96 \\$	1,737.77	Sft	100	3,635.05	63,168.81
20 11	10b	Toilet Less door Door Door W-3 W-4 Less wall tiles Cement plaster 3 Ceiling Interior Roof toilet area Roof Kitchen area Roof Storage area	1.00 1.00 (1.00) (2.00) (2.00) (1.00) (1.00) (1.00) 1.00 1.00 1.00	22.42 31.85 17.00 3.50 3.00 2.50 4.00 2.00 r soffit of R.C.C. roof sla 74.50 104.58 149.96	8.00 8.00 7.00 7.00 7.00 3.50 2.00 (410.39) Net Total abs only, upto 20' height	$= 354.00 \text{ Sft} \\= 179.36 \text{ Sft} \\= 254.80 \text{ Sft} \\= (119.00) \text{ Sft} \\(105.00) \text{ Sft} \\(105.00) \text{ Sft} \\(35.00) \text{ Sft} \\(4.00) \text{ Sft} \\(4.00) \text{ Sft} \\(410.39) \text{ Sft} \\= 1,737.77 \text{ Sft} \\$ $= 74.50 \\104.58 \\149.96 \\= 204.00 \text{ Sft} \\$	1,737.77	Sft	100	3,635.05	63,168.81
20 11	10b	Toilet Less door Door Door W-3 W-4 Less wall tiles Cement plaster 3 Ceiling Interior Roof toilet area Roof Kitchen area Roof Storage area	1.00 1.00 (1.00) (2.00) (2.00) (1.00) (1.00) (1.00) 1.00 1.00 1.00 8.00	22.42 31.85 17.00 3.50 3.00 2.50 4.00 2.00 r soffit of R.C.C. roof sla 74.50 104.58 149.96 6.00	8.00 8.00 7.00 7.00 7.00 3.50 2.00 (410.39) Net Total abs only, upto 20' height	$= 354.00 \text{ Sft} \\= 179.36 \text{ Sft} \\= 254.80 \text{ Sft} \\= (119.00) \text{ Sft} \\(105.00) \text{ Sft} \\(105.00) \text{ Sft} \\(35.00) \text{ Sft} \\(4.00) \text{ Sft} \\(4.00) \text{ Sft} \\(410.39) \text{ Sft} \\= 1,737.77 \text{ Sft} \\\end{array}$ $= 1,737.77 \text{ Sft} \\104.58 \\149.96 \\= 204.00 \text{ Sft} \\$	1,737.77	Sft	100	3,635.05	63,168.81

1			Lower Roof	1.00	830.73		830.73					
			Less structure	(1.00)	588.01		(588.01)					
			Uper Roof	1.00	331.37		331.37					
				(1.00)	212.08		(212.08)					
				、 /			. ,					
						Net Total	= 1,013.32 Sft	1,013.32	Sft	100	3,960.25	40,129.82
1 1	11	32	Providing grooved cer	ment sand plaste	r 1:3 over existing plastere	d and roughened surface upto 2	20' (6.00 m) height.					
			ii) ½" (13 mm) thick				64					
			Exterior	1.00	93.07	10.00	Sft 930.70 Sft					
			Less door	(1.00)	17.00	7.00	(119.00) Sft					
			Counter	(1.00)	8.83	10.00	(88.30) Sft					
			D-3	(1.00)	3.00	7.00	(21.00) Sft					
			D-4	(2.00)	2.25	7.00	(31.50) Sft					
			W-3	(1.00)	4.00	3.50	(14.00) Sft					
			W-4	(1.00)	2.00	2.00	(4.00) Sft					
				(1.00)	2.00	2.00	(1.00) 01					
						Net Total	= 652.90 Sft	652.90	Sft	100	4,004.65	26,146.36
22 1	11	23	Distempering:-									
			a) new surface:-									
			Same as interior plaster				= 1,737.77 Sft					
			Ceiling									
			Roof toilet area	1.00	74.50		74.50					
			Roof Kitchen									
			area	1.00	104.58		104.58					
			Roof Storage area	1.00	149.96		149.96					
			Roof walls									
			Uper portion	8.00	6.00	4.25	= 204.00 Sft					
			Less vents	(8.00)	5.00	1.50	= (60.00) Sft					
			Uper roof	1.00	174.77	1.02	178.27 Sft					
							- Sft					
			3 Coats			Net Total	= 2,389.08 Sft	2,389.08	Sft	100	1,446.35	34,554.39
23 1	13	33	Providing and applyin of surface, application			on external surface of building ir	ncluding preparation					
			a) new surface:								1	
			Same as plaster				652.90 Sft					
			Same as plaster out side									
			Same as plaster	1.00	53.00	2.00	652.90 Sft 106.00 Sft					
			Same as plaster out side Uper portion walls Less vents	1.00 (8.00)	53.00 5.00	2.00 1.50						
			Same as plaster out side Uper portion walls	(8.00)			106.00 Sft					
			Same as plaster out side Uper portion walls Less vents	(8.00)	5.00		106.00 Sft (60.00) Sft					
			Same as plaster out side Uper portion walls Less vents Uper roof soffit	(8.00) 1.00	5.00 331.37		106.00 Sft (60.00) Sft 331.37 Sft					
			Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure	(8.00) 1.00 (1.00) 1.00	5.00 331.37 212.08		106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft					
			Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit	(8.00) 1.00 (1.00) 1.00	5.00 331.37 212.08 830.73		106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft					
			Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit	(8.00) 1.00 (1.00) 1.00	5.00 331.37 212.08 830.73		106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft (588.01) Sft - Sft	1,060.91	Sft	100	3,651.00	38,733.75
			Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit	(8.00) 1.00 (1.00) 1.00	5.00 331.37 212.08 830.73	1.50	106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft (588.01) Sft - Sft	1,060.91 1,060.91		100 100	3,651.00 2,101.80	
			Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit Less structure	(8.00) 1.00 (1.00) 1.00	5.00 331.37 212.08 830.73	1.50	106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft (588.01) Sft - Sft = 1,060.91 Sft		Sft			22,298.16
			Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit Less structure	(8.00) 1.00 (1.00) 1.00 (1.00)	5.00 331.37 212.08 830.73 588.01	1.50	106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft (588.01) Sft - Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft	1,060.91	Sft	100	2,101.80	38,733.75 22,298.16 22,298.16
24 1	12	16	Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit Less structure 2nd coat 3rd coat Providing and fixing N welded with M.S. flat 6	(8.00) 1.00 (1.00) 1.00 (1.00) 1.S. sheet hollow 6"x 1¼" x 1/8" (1 00 mm) long iron	5.00 331.37 212.08 830.73 588.01 pressed frame of doors, w 50 mmx30mmx3mm) M.S. H	1.50 Net Total	106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft (588.01) Sft - Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft	1,060.91	Sft	100	2,101.80	22,298.16
24 1	12	16	Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit Less structure 2nd coat 3rd coat Providing and fixing M welded with M.S. flat 6 welded/screwed 4" (10	(8.00) 1.00 (1.00) 1.00 (1.00) 1.S. sheet hollow 6"x 1¼" x 1/8" (1 00 mm) long iron	5.00 331.37 212.08 830.73 588.01 pressed frame of doors, w 50 mmx30mmx3mm) M.S. H	1.50 Net Total indows, C. windows, etc. (chow holdfast 9"x1"x1/8" (225mmx25r	106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft (588.01) Sft - Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft	1,060.91	Sft	100	2,101.80	22,298.16
24 1	12	16	Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit Less structure 2nd coat 3rd coat Providing and fixing M welded with M.S. flat 6 welded/screwed 4" (10 holdfast in cement cor	(8.00) 1.00 (1.00) 1.00 (1.00) 1.S. sheet hollow 6"x 1¼" x 1/8" (1 00 mm) long iron	5.00 331.37 212.08 830.73 588.01 pressed frame of doors, w 50 mmx30mmx3mm) M.S. H	1.50 Net Total indows, C. windows, etc. (chow holdfast 9"x1"x1/8" (225mmx25r	106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft (588.01) Sft - Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft	1,060.91	Sft	100	2,101.80	22,298.16
24 1	12	16	Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit Less structure 2nd coat 3rd coat Providing and fixing N welded with M.S. flat 6 welded/screwed 4" (10 holdfast in cement cor a) single rebate	(8.00) 1.00 (1.00) 1.00 (1.00) (1.00) 4.S. sheet hollow 6"x 1¼" x 1/8" (1 00 mm) long iron ncrete 1:2:4, com	5.00 331.37 212.08 830.73 588.01 pressed frame of doors, w 50 mmx30mmx3mm) M.S. H hinges, including filling ch aplete in all respects:	1.50 Net Total indows, C. windows, etc. (chow holdfast 9"x1"x1/8" (225mmx25r owkat with cement sand mortar	106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft (588.01) Sft - Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft	1,060.91	Sft	100	2,101.80	22,298.16
24 1	12	16	Same as plaster out side Uper portion walls Less vents Uper roof soffit Less structure Lower roof soffit Less structure 2nd coat 3rd coat Providing and fixing N welded with M.S. flat 6 welded/screwed 4" (10 holdfast in cement cor a) single rebate D-1 1	(8.00) 1.00 (1.00) 1.00 (1.00) 1.00 (1.00) 1.00 1.00 1.00 1.00	5.00 331.37 212.08 830.73 588.01 pressed frame of doors, w 50 mmx30mmx3mm) M.S. H hinges, including filling ch plete in all respects: 4.00	1.50 Net Total indows, C. windows, etc. (chow holdfast 9"x1"x1/8" (225mmx25r owkat with cement sand mortar	106.00 Sft (60.00) Sft 331.37 Sft (212.08) Sft 830.73 Sft (588.01) Sft - Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft 1,060.91 Sft	1,060.91	Sft	100	2,101.80	22,298.16

			W-1 W-3		2.00 1.00	7.20 4.00		7.00 3.50		100.80 Sft 14.00 Sft					
			W-4		2.00	2.00		2.00	=	8.00 Sft					
					8.00	5.13		1.50	=	61.50 Sft					
							Tot	tal	=	184.30 Sft	184.30	Sft	1.00	1,336.55	246,326.17
			ROOF												
27	9	50	Khaprail Tile dipplaid with laps and	ed or sea duly inter	led with a water re	le spanish glazed tap pellent, with Terra C g roof over 1/2" thick ed and directed by th	otta base plate (1:3) cement sa	(10"x16"), re and mortar i/c	esistar	nt to salt attack					
			Upper roof												
				1	1.00	331.17	1.02	Slope	=	337.79 Sft					
			Upper roof Lower Roof	1					=	-					
			Lower Roof	1 1 -1	1.00	830.73	1.02 1.05	Slope Slope	=	- 872.26 Sft					
				1 1 -1				Slope	=	- 872.26 Sft (588.01)	622.05	Sft	1	133.15	82,825.66
28	12	16	Lower Roof	-1	1.00 1.00	830.73 588.01	1.05	Slope	=	- 872.26 Sft	622.05	Sft	1	133.15	82,825.66
28	12	16	Lower Roof Less structure Providing and fixir	-1	1.00 1.00	830.73 588.01	1.05	Slope	=	- 872.26 Sft (588.01)	622.05	Sft	1	133.15	82,825.66
28	12	16	Lower Roof Less structure Providing and fixir Cornice at upper	-1	1.00 1.00	830.73 588.01	1.05	Slope	=	- 872.26 Sft (588.01)	622.05	Sft	1	133.15	82,825.66
28	12	16	Lower Roof Less structure Providing and fixir	-1	1.00 1.00 ed cornice as per c	830.73 588.01 drawing	1.05	Slope	=	- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft	622.05	Sft	1	133.15	82,825.66
28	12	16	Lower Roof Less structure Providing and fixin Cornice at upper roof Cornice at lower	-1	1.00 1.00 ed cornice as per c 8.00	830.73 588.01 drawing 8.28	1.05	Slope		- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft Rft			1		
28	12	16	Lower Roof Less structure Providing and fixin Cornice at upper roof Cornice at lower	-1	1.00 1.00 ed cornice as per c 8.00	830.73 588.01 drawing 8.28	1.05	Slope	= =	- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft	622.05		1	133.15	82,825.66 85,583.33
28	12	16	Lower Roof Less structure Providing and fixin Cornice at upper roof Cornice at lower	-1	1.00 1.00 ed cornice as per c 8.00	830.73 588.01 drawing 8.28	1.05	Slope		- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft Rft			1		
28	12	16	Lower Roof Less structure Providing and fixir Cornice at upper roof Cornice at lower roof	-1 ng moulde 1 1	1.00 1.00 ed cornice as per c 8.00 8.00 8.00	830.73 588.01 drawing 8.28	1.05 Tot	Slope tal	=	- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft Rft 171.17 Rft			1		
	12	16	Lower Roof Less structure Providing and fixir Cornice at upper roof Cornice at lower roof	-1 ng moulde 1 1 ft. (2.83 c n) of timb	1.00 1.00 ed cornice as per c 8.00 8.00 8.00	830.73 588.01 drawing 8.28 13.11 Ils like stone aggrega	1.05 Tot	Slope tal ar lime (unsla	=	- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft Rft 171.17 Rft			1		
	12	16	Lower Roof Less structure Providing and fixir Cornice at upper roof Cornice at lower roof Corriage of 100 C 150 Cft. (4.25 cu.r	-1 ng moulde 1 1 ft. (2.83 c m) of timb	1.00 1.00 ed cornice as per o 8.00 8.00 8.00	830.73 588.01 drawing 8.28 13.11 Ils like stone aggrega	1.05 Tot ate, spawl, kanka ned by the contra	Slope tal ar lime (unsla actor. Jary	= =	- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft Rft 171.17 Rft			1		
	12	16	Lower Roof Less structure Providing and fixir Cornice at upper roof Cornice at lower roof Carriage of 100 C 150 Cft. (4.25 cu.r Lead upto	-1 ng moulde 1 1 ft. (2.83 c m) of timb	1.00 1.00 ed cornice as per o 8.00 8.00 8.00	830.73 588.01 drawing 8.28 13.11 als like stone aggrega any other means own	1.05 Tot ate, spawl, kanka ned by the contra largalla Hills qu	Slope tal ar lime (unsla actor. uary 0.95	= = aked),	- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft Rft 171.17 Rft			1		
	12	16	Lower Roof Less structure Providing and fixin Cornice at upper roof Cornice at lower roof Carriage of 100 C 150 Cft. (4.25 cu.r Lead upto Pcc 1.4.8 :as per i	-1 ng moulde 1 1 ft. (2.83 c m) of timb o item No.	1.00 1.00 ed cornice as per c 8.00 8.00 8.00	830.73 588.01 drawing 8.28 13.11 als like stone aggrega any other means own 00 from M 3.00 =	1.05 Tot ate, spawl, kanka ned by the contra largalla Hills qu 289.76 x	Slope tal ar lime (unsla actor. uary 0.95 0.88	= = aked), = =	- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft 171.17 Rft 171.17 Rft , surkhi, etc. or			1		
	12	16	Lower Roof Less structure Providing and fixin Cornice at upper roof Cornice at lower roof Carriage of 100 C 150 Cft. (4.25 cu.r Lead upto Pcc 1.4.8 :as per i Pcc 1.2.4 :as per i	-1 ng moulde 1 1 ft. (2.83 c m) of timb o item No. item No. r item No.	1.00 1.00 ed cornice as per o 8.00 8.00 8.00 cu.m) of all materia ber, by truck or by a 135.0	830.73 588.01 drawing 8.28 13.11 alls like stone aggregation any other means own 00 from M 3.00 = 2.00 =	1.05 Tot ate, spawl, kanka hed by the contra largalla Hills qu 289.76 x 362.55 x 362.55 x 583.17 x 1,029.12 x	Slope tal ar lime (unsla actor. uary 0.95 0.88 0.88 0.88	= = = = = = =	- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft Rft 171.17 Rft 171.17 Rft 319.05 Cft 513.19 Cft 905.63 Cft	171.17	Rft	1	500.00	85,583.33
	12	16	Lower Roof Less structure Providing and fixin Cornice at upper roof Cornice at lower roof Carriage of 100 C 150 Cft. (4.25 cu.r Lead upto Pcc 1.4.8 :as per Pcc 1.2.4 :as per R.c.c 1.2.4 :as per	-1 ng moulde 1 1 ft. (2.83 c m) of timb o item No. item No. r item No.	1.00 1.00 ed cornice as per o 8.00 8.00 8.00 cu.m) of all materia ber, by truck or by a 135.0	830.73 588.01 drawing 8.28 13.11 alls like stone aggregation any other means own 00 from N 3.00 = 2.00 = 7.00 =	1.05 Tot ate, spawl, kanka hed by the contra largalla Hills qu 289.76 x 362.55 x 362.55 x 583.17 x	Slope tal ar lime (unsla actor. uary 0.95 0.88 0.88 0.88	= = = = = = =	- 872.26 Sft (588.01) 622.05 Sft 66.25 Rft 104.92 Rft Rft 171.17 Rft 171.17 Rft , surkhi, etc. or 274.61 Cft 319.05 Cft 513.19 Cft		Rft	1 1 100 Total		

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Sr		IRS]			610														Amount
	1st. Ch.	2023 Item	_					DESCR	IPTIO	N						Qty		Unit	Rate	Rs.
1	3		Excavation in for						structu	re with exc	cavate	ed earth, v	vaterin	g and ramm	ning					_
			lead upto one ch				pto 5 ft.	(1.5 m)												
			a) By Manual ii)		-			10.00												
			9" walls	1		1.00	x		х		х	3.50	=	· · •	Cft					
				1		2.00	x	10.13		2.50	Х	3.50			Cft					
				1		1.00	x	5.00	x	2.50	X	3.50			Cft					
				1		1.00 1.00	x x		x x	2.50 2.50	x x	3.50 3.50			Cft					
				1		1.00	x	12.50		2.50		3.50			Cft					
				1		1.00	x		x	2.50	x	3.50			Cft Cft					
				1		1.00	x	8.00	x	2.50	x	3.50			Cft					
				-											Cit					
			4-1/2" walls	1	х	1.00	x	5.00	х	1.50	x	2.50		18.75	Cft					
				1	х		x	5.75	x		х	2.50			Cft					
				1	х	2.00	х	5.00	x	1.50	х	2.50								
				1	х	2.00	x	1.58	x	1.50	x	2.50			Cft					
				1		1.00		16.17	х	1.50	х	2.50		60.64	Cft					
				0.5		3.14		11.69		1.50		2.50		68.86	Cft					
				1		2.00		8.00		1.50	х	2.50		60.00	Cft					
			Columns	1		6.00		4.00		4.00		3.50		336.00	Cft					
	0	E i	Steps		inalı	1.00 1.00		6.00 6.00	ichica	2.00 1.00	~ ~ ~ ~ ~		=		Cft Cft	9.00	Cft	100	37,614.70	3,385.32
3	6	5.i	Cement concrete washing of stone			-	cing,cor	npacting, fin	ishing	and curing	g com	plete (inc	uding	screening a	nd					
			(i) Ratio 1:4:8)																	
			9" walls	1	Х	1.00	х	46.33	х	2.50	х	0.50	=	57.91	Cft					
				1	Х	2.00	х	10.13	х	2.50	х	0.50	=	25.31	Cft					
				1		1.00	х	5.00	х	2.50	х	0.50	=	6.25						
				1		1.00	х	4.00	х	2.50	х	0.50	=		Cft					
				1		1.00	x	24.67 12.50	x	2.50	x	0.50	=	30.84						
				1		1.00	x		x	2.50 2.50	x	0.50	=	15.63 12.50						
				1		1.00 1.00	x x	10.00 8.00	x x	2.50 2.50	x x	0.50 0.50	=	12.50 10.00	Cft					
			Columns	1	^	6.00	^	4.00	^	4.00	^	0.50	-		Cft					
			4-1/2" walls	1	х	1.00	x	5.00	х		х		=	3.75						
				1		2.00	x	5.75	x	1.50	x	0.50	=	8.63						
				1		2.00	x	5.00	x	1.50	х	0.50	=	7.50						
				1		2.00	x	1.58	х	1.50	х	0.50	=	2.37						
				1	x	1.00	x	16.17	x	1.50	х	0.50	=	12.13	Cft					
				0.5	х	3.14	х	11.69	х	1.50	х	0.50	=	13.77	Cft					
				1	х	2.00	x	8.00	х	1.50	х	0.50	=	12.00	Cft					
				1									=	259.58	Cft	259.58	Cft	100	00 540 40	74 045 00
				I								Total						100	28,513.19	74,015.00
4	7	4	Pacca brick work		ndat	ion and 1	olinth in	:-i) Cement	sand	mortar:-		Total						100	28,513.19	74,015.00
4	7	4	Pacca brick work Ratio 1:4)		ndat	ion and _l	plinth in:	:-i) Cement,	sand ı	mortar:-		Total							28,513.19	74,015.00
4	7	4	Ratio 1:4)		ndat	ion and _l	plinth in:	:-i) Cement,	sand ı	mortar:-		Total							28,513.19	74,015.00
4	7	4					plinth in: x		sand I		x		=						28,513.19	74,015.00
4	7	4	Ratio 1:4) 1st step	c in fou	x	tion and p 1.00 2.00		:-i) Cement, 46.33 10.13		mortar:- 1.50 1.50	x x	Total 0.50 0.50		34.75 15.19	Cft				28,513.19	74,015.00

		1	х	1.00	х	4.00	х	1.50	х	0.50	=	3.00	Cft					
		1	х	1.00	х	24.67	х	1.50	х	0.50	=	18.50	Cft					
		1	х	1.00	х	12.50	х	1.50	х	0.50	=	9.38	Cft					
		1	Х	1.00	х	10.00	х	1.50	Х	0.50	=	7.50	Cft					
		1	х	1.00	х	8.00	х	1.50	х	0.50	=	6.00	Cft					
												-	Cft					
	4-1/2" walls	1	Х	1.00	х	5.00	х	0.75	х	2.00	=	7.50	Cft					
		1	Х	2.00	х	5.75	х	0.75	х	2.00	=	17.25	Cft					
		1	Х	2.00	х	5.00	х	0.75	Х	2.00	=	15.00	Cft					
		1	Х	2.00	х	1.58	х	0.75	Х	2.00	=	4.74	Cft					
		1	Х	1.00	х	16.17	х	0.75	Х	2.00	=	24.26	Cft					
		0.5	Х	3.14	х	11.69	х	0.75	Х	2.00	=	27.54	Cft					
		1	Х	2.00	х	8.00	х	0.75	Х	2.00	=	24.00	Cft					
	2nd Step																	
	9" walls	1	Х	1.00	х	46.33	х	1.13	Х	0.50	=	26.06	Cft					
		1	Х	2.00	х	10.13	х	1.13	х	0.50	=	11.39	Cft					
		1	Х	1.00	х	5.00	х	1.13	Х	0.50	=	2.81	Cft					
		1		1.00	х		Х		х	0.50	=	2.25						
		1		1.00	х	24.67	х	1.13	х	0.50	=	13.88						
		1	х	1.00	х	12.50	х	1.13	х		=	7.03						
		1	х	1.00	х	10.00	х	1.13	Х	0.50	=	5.63						
		1	Х	1.00	х	8.00	х	1.13	х	0.50	=	4.50	Cft					
	3rd Step																	
	9" walls	1	х		х		Х	0.75	Х	2.50	=	86.87						
		1		2.00	х	10.13		0.75	Х	2.50	=	37.97						
		1	Х		х		х	0.75	х	2.50	=	9.38						
		1		1.00	х		х	0.75	х	2.50	=	7.50						
		1	Х	1.00	Х	24.67	х	0.75	Х	2.50	=	46.26						
				4.6.5		·		<u> </u>		<u> </u>		~ - · ·	~~ '					
		1		1.00	x		x	0.75	X		=	23.44						
		1	х	1.00	x	10.00	x	0.75	x	2.50	=	18.75	Cft					
		1 1 1		1.00		10.00				2.50			Cft					
		1	х	1.00	x	10.00	x	0.75	x x	2.50 3.00	=	18.75 18.00	Cft Cft	540.05	Cft	100	32 454 60	175 272 56
	oviding and layi	1 1 ing da	x x	1.00 1.00	x x	10.00 8.00	x x	0.75 0.75	x x Net	2.50 3.00 Total	= =	18.75 18.00 540.05	Cft Cft Cft	540.05	Cft	100	32,454.60	175,272.56
6 36-a bit	tumen coating :-	1 1 ing da	x x mp ı	1.00 1.00	x x urse of c	10.00 8.00 ement conc	x x rete 1::	0.75 0.75 2: 4(using	x x Net	2.50 3.00 Total	= =	18.75 18.00 540.05	Cft Cft Cft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a)	tumen coating :-) with one coat b	1 1 ing da bitume	x x mp ı	1.00 1.00	x x urse of c	10.00 8.00 ement conc	x x rete 1::	0.75 0.75 2: 4(using	x x Net	2.50 3.00 Total	= =	18.75 18.00 540.05	Cft Cft Cft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a)	tumen coating :-) with one coat k 2" thick (50 mm	1 1 ing da bitume	x x mp i en ar	1.00 1.00 proof con	x x urse of c oat poly	10.00 8.00 ement conc	x x rete 1:: 500ga	0.75 0.75 2: 4(using auge	x x Net	2.50 3.00 Total	= = and sh	18.75 18.00 540.05 ingle), inclu	Cft Cft Cft Iding	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a)	tumen coating :-) with one coat b	1 1 ing da bitume	x x mp ; en ar x	1.00 1.00 proof con nd one c 1.00	x x urse of c toat poly x	10.00 8.00 cement conc thene sheet 46.33	x x rete 1:: 500ga x	0.75 0.75 2: 4(using nuge 0.75	x x Net	2.50 3.00 Total	= = and sh	18.75 18.00 540.05 ingle), inclu 34.75	Cft Cft Cft Iding	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a)	tumen coating :-) with one coat k 2" thick (50 mm	1 1 ing da bitume	x x mp (en ar x x	1.00 1.00 oroof con nd one c 1.00 2.00	x x urse of c oat poly x x	10.00 8.00 cement conc thene sheet 46.33 10.13	x x rete 1:: 500ga x x	0.75 0.75 2: 4(using nuge 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19	Cft Cft Iding Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a)	tumen coating :-) with one coat k 2" thick (50 mm	1 1 ing da bitume	x x mp r en ar x x x	1.00 1.00 oroof con nd one c 1.00 2.00 1.00	x x urse of c oat poly x x x x	10.00 8.00 cement conc thene sheet 46.33 10.13 5.00	x x rete 1:: 500ga x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75	Cft Cft Iding Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a)	tumen coating :-) with one coat k 2" thick (50 mm	1 1 ing da - bitume 1 1 1 1	x x mp f en ar x x x x x	1.00 1.00 proof count nd one c 1.00 2.00 1.00 1.00	x x urse of c oat poly x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00	x x rete 1:: 500ga x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00	Cft Cft ding Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a)	tumen coating :-) with one coat k 2" thick (50 mm	1 1 ing da bitume	x x mp f en ar x x x x x x x	1.00 1.00 proof con nd one c 1.00 2.00 1.00 1.00 1.00	x x urse of c oat poly x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67	x x rete 1:: 500ga x x x x x x x x	0.75 0.75 2: 4(using uge 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50	Cft Cft ding Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a)	tumen coating :-) with one coat k 2" thick (50 mm	1 1 ing da bitume 1 1 1 1 1	x x mp ; en ar x x x x x x x x x	1.00 1.00 proof con nd one c 1.00 1.00 1.00 1.00 1.00	x x urse of c oat poly x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50	x x rete 1: 500ga x x x x x x x x x x	0.75 0.75 2: 4(using uge 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38	Cft Cft ding Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a)	tumen coating :-) with one coat k 2" thick (50 mm	1 1 ing da bitume i) 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x	1.00 1.00 oroof con nd one c 1.00 1.00 1.00 1.00 1.00 1.00	x x urse of c oat poly x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using uge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50	Cft Cft ding Sft Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a) ii) :	tumen coating :-) with one coat k 2" thick (50 mm 9" walls	1 1 ing da bitume 1 1 1 1 1 1 1	x x mp ; en ar x x x x x x x x x	1.00 1.00 0roof con nd one c 1.00 2.00 1.00 1.00 1.00 1.00 1.00 1.00	x x urse of c oat poly x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using uge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00	Cft Cft ding Sft Sft Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a) ii) :	tumen coating :-) with one coat k 2" thick (50 mm	1 1 ing da bitume 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x	1.00 1.00 oroof con nd one c 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	x x urse of c oat poly x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using uge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75	Cft Cft ding Sft Sft Sft Sft Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a) ii) :	tumen coating :-) with one coat k 2" thick (50 mm 9" walls	1 1 ing da bitume 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x	1.00 1.00 0roof con nd one c 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	x x urse of c oat poly x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00 5.75	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a) ii) :	tumen coating :-) with one coat k 2" thick (50 mm 9" walls	1 1 ing da bitume 1 1 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x	1.00 1.00 0roof con nd one c 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	x x urse of c oat poly x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00 5.75 5.00	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a) ii) :	tumen coating :-) with one coat k 2" thick (50 mm 9" walls	1 1 ing da bitume 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x	1.00 1.00 0roof con nd one c 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	x x urse of c oat poly x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00 5.75 5.00 1.58	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a) ii) :	tumen coating :-) with one coat k 2" thick (50 mm 9" walls	1 1 ing da bitume i) 1 1 1 1 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x	1.00 1.00 0roof con nd one c 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	x x urse of c oat poly x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00 5.75 5.00 1.58 16.17	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37 12.13	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a) ii) :	tumen coating :-) with one coat k 2" thick (50 mm 9" walls	1 1 ing da bitume 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 5	x x mp f en ar x x x x x x x x x x x x	1.00 1.00 0roof con nd one c 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	x x urse of c oat poly x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00 5.75 5.00 1.58 16.17 11.69	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 6.00 3.75 8.63 7.50 2.37 12.13 13.77	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a) ii) :	tumen coating :-) with one coat k 2" thick (50 mm 9" walls	1 1 ing da bitume i) 1 1 1 1 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x	1.00 1.00 0roof con nd one c 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	x x urse of c oat poly x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00 5.75 5.00 1.58 16.17	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net	2.50 3.00 Total	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37 12.13	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	540.05	Cft	100	32,454.60	175,272.56
6 ^{36-a} bit -ii (a) ii) :	tumen coating :-) with one coat k 2" thick (50 mm 9" walls	1 1 ing da bitume 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 5	x x mp f en ar x x x x x x x x x x x x	1.00 1.00 0roof con nd one c 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	x x urse of c oat poly x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00 5.75 5.00 1.58 16.17 11.69	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x Net ceme	2.50 3.00 Total ent, sand	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37 12.13 13.77 12.00	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
6 36-a bit -ii (a)	tumen coating :-) with one coat k 2" thick (50 mm 9" walls 4-1/2" walls	1 1 ing da bitume i) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x	1.00 1.00 0roof cond and one cond 1.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 2	x x urse of c oat poly x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00 5.75 5.00 1.58 16.17 11.69	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x Net ceme	2.50 3.00 Total	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 6.00 3.75 8.63 7.50 2.37 12.13 13.77	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	540.05		100	32,454.60	
6 36-a bit -ii (a) ii) : 7 5 Pa	tumen coating :-) with one coat k 2" thick (50 mm 9" walls 4-1/2" walls	1 1 ing da bitume i) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x	1.00 1.00 0roof cond and one cond 1.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 2	x x urse of c oat poly x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.00 5.75 5.00 1.58 16.17 11.69	x x rete 1:: 500ga x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x Net ceme	2.50 3.00 Total ent, sand	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37 12.13 13.77 12.00	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
6 36-a bit -ii (a) ii) : 7 5 Pa	tumen coating :-) with one coat k 2" thick (50 mm 9" walls 4-1/2" walls	1 1 1 ing da bitume i) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x mp r en ar x x x x x x x x x x und	1.00 1.00 oroof cond and one c 1.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 2	x x urse of c toat poly x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.75 5.00 1.58 16.17 11.69 8.00	x x rete 1:: 500ga x x x x x x x x x x	0.75 0.75 2: 4(using uge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x Net ceme	2.50 3.00 Total ent, sand	= = and sh = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37 12.13 13.77 12.00 158.21	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
6 36-a bit -ii (a) ii) : 7 5 Pa	tumen coating :-) with one coat k 2" thick (50 mm 9" walls 4-1/2" walls	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x x x x x x x x	1.00 1.00 oroof cond and one of 1.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 2	x x urse of c toat poly x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.75 5.00 1.58 16.17 11.69 8.00	x x rete 1:: 500ga x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x Net ceme Net	2.50 3.00 Total ent, sand	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37 12.13 13.77 12.00 158.21	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
6 36-a bit -ii (a) ii) : 7 5 Pa	tumen coating :-) with one coat k 2" thick (50 mm 9" walls 4-1/2" walls	1 1 1 ing da bitume i) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x x x x x x x x	1.00 1.00 oroof col ad one c 1.00 2.00 1.00 1.00 1.00 1.00 1.00 2.00 2	x x urse of c toat poly x x x x x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.75 5.00 1.58 16.17 11.69 8.00	x x rete 1:: 500ga x x x x x x x x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x Net ceme Net	2.50 3.00 Total ent, sand Total Total	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37 12.13 13.77 12.00 158.21	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
6 36-a bit -ii (a) ii) : 7 5 Pa	tumen coating :-) with one coat k 2" thick (50 mm 9" walls 4-1/2" walls	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x x x x x x x x	1.00 1.00 oroof col ad one c 1.00 2.00 1.00 1.00 1.00 1.00 2.00 2.00	x x urse of c oat poly x x x x x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.75 5.00 1.58 16.17 11.69 8.00	x x 500ga x x x x x x x x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x x Net ceme	2.50 3.00 Total ent, sand Total Total 9.00 9.00 9.00	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37 12.13 13.77 12.00 158.21 312.73 136.69 33.75	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					175,272.56
6 36-a bit -ii (a) ii) : 7 5 Pa	tumen coating :-) with one coat k 2" thick (50 mm 9" walls 4-1/2" walls	1 1 1 ing da bitume i) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x x mp f en ar x x x x x x x x x x x x x x x x x x x	1.00 1.00 oroof con nd one c 1.00 2.00 1.00 1.00 1.00 1.00 2.00 2.00	x x urse of c toat poly x x x x x x x x x x x x x x x x x x x	10.00 8.00 ement conc thene sheet 46.33 10.13 5.00 4.00 24.67 12.50 10.00 8.00 5.75 5.00 1.58 16.17 11.69 8.00	x x rete 1:: 500ga x x x x x x x x x x x x x x x x x x x	0.75 0.75 2: 4(using auge 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	x Net ceme Net	2.50 3.00 Total ent, sand Total Total	= = and sh = = = = = = = = = = = = = = = = = = =	18.75 18.00 540.05 ingle), inclu 34.75 15.19 3.75 3.00 18.50 9.38 7.50 6.00 3.75 8.63 7.50 2.37 12.13 13.77 12.00 158.21	Cft Cft Iding Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					

					x 1.0						=	84.38						
				1					0.75	x 9.00		67.50						
			4-1/2" walls	1	x 1.0)0 x	8.00	х	0.75	x 9.00	=	54.00	Сπ					
				1	1.0	0	5.00		0.38	1.00	=	1.88	Cft					
				1	2.0		5.75		0.38	1.00		4.31						
				1	2.0	00	5.00		0.38	1.00	=	3.75	Cft					
				1	2.0	00	1.58		0.38	1.00	=	1.19	Cft					
				1	1.0		16.17		0.38	1.00		6.06						
				0.5	3.1		11.69		0.38		=	6.89						
				1	2.0	00	8.00		0.38	1.00	=	6.00	Cft Cft					
			Parapet Walls	1	1.0	0	52.29		0.38	2.7		- 53.92						
				1	1.0		46.07		0.38	2.7		47.50						
				0.5	3.1		13.69		0.38	2.75		22.18						
				1	1.0	00	11.75		0.38	2.75	=	12.12	Cft					
			Deductions															
			D-1	-1	2.0		4.00		0.75		=	(42.00)						
			D-2 D-3	-1 -1	1.(2.(3.50 2.50		0.75 0.75	7.00 7.00	=	(18.38)						
			D-3 Vent	-1 -1	2.0		2.50		0.75		=	(26.25) (3.00)						
			Lintles			-	2.00		0.10	2.00		(0.00)	211					
			D-1	-1	2.0	0	5.50		0.75	0.75	=	(6.19)	Cft					
			D-2	-1	1.0	00	5.00		0.75	0.75	=	(2.81)	Cft					
			D-3	-1	2.0	00	4.00		0.75	0.75	=	(4.50)	Cft					
			Vent	-1	1.0	0	3.50		0.75	0.75	=	(1.97)	Cft					
										Net Total	=	943.26	Cff	943.26	Cff	100	34,857.00	328,793.20
												010120	0.0	0.0.20	, <u> </u>		01,001.00	020,100.20
7	6	6	Providing and la screened graded lifting, compactin reinforcement, it	d and v ng, curi	vashed a ng, rende	ggregat ering an	e, in required sh d finishing expo	nape an sed surf	d design,	including for	ns, mo	ulds, shutteri	ing,					
7	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b	d and v ng, curi s fabric d ceme beams,	vashed a ng, rende ation and ent concre other str	ggregat ering and d placing ete in sla uctural r	e, in required sł d finishing expo g in position, etc ab of rafts / strip members other	hape and sed surf c.):- o founda than tho	d design, face, com ation, base ose menti	including for plete (but ex e slab of colu	ns, mo cluding nn anc	ulds, shutteri the cost of s d retaining wa	ing, teel					
7	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced	d and v ng, curi s fabric d ceme beams,	vashed a ng, rende ation and ent concre other str	ggregat ering and d placing ete in sla uctural r	e, in required sł d finishing expo g in position, etc ab of rafts / strip members other	hape and sed surf c.):- o founda than tho	d design, face, com ation, base ose menti	including for plete (but ex e slab of colu	ns, mo cluding nn anc	ulds, shutteri the cost of s d retaining wa	ing, teel					
7	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b	d and v ng, curi s fabric d ceme beams, ork (i.e	vashed a ng, rende ation and ent concre other str . horizont	ggregat ering and d placing ete in sla uctural r cal shutt	e, in required sł d finishing expo g in position, etc ab of rafts / strip members other	hape and sed surf c.):- o founda than tho	d design, face, com ation, base ose menti	including for plete (but ex e slab of colu	ns, mo cluding nn anc	ulds, shutteri the cost of s d retaining wa	ing, teel					
7	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we	d and v ng, curi s fabric d ceme beams, ork (i.e	vashed a ng, rende ation and ent concre other str . horizont	ggregat ering and d placing ete in sla uctural r cal shutt	e, in required sł d finishing expo g in position, etc ab of rafts / strip members other	hape and sed surf c.):- o founda than tho	d design, face, com ation, base ose menti	including for plete (but ex e slab of colu	ns, mo cluding nn anc (i)&(ii)	ulds, shutteri the cost of s d retaining wa	ing, teel Ills;					
7	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form wa (3) Type C (nom	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi	vashed a ng, rende ation and ent concre other str . horizon x 1: 2: 4)	ggregat ering and d placing ete in sla uctural r cal shutt	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete	hape and sed surf c.):- o founda than tho	d design, face, com ation, base ose menti espects:-	including for plete (but ex e slab of colu oned in 6(a)	ns, mo cluding nn anc (i)&(ii) =	ulds, shutteri the cost of s d retaining wa above not	ing, teel alls; Cft	96.00	Cft	1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form wa (3) Type C (nom Columns Base (a) (i) Reinforced	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 1	vashed a ng, rende ation and ent concre other str . horizon x 1: 2: 4) 6.0 nt concre	ggregat ering and d placing ete in sla uctural r al shutt	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00	founda than thc in all re	d design, face, com ation, base ose menti espects:- 4.00 s lintels, g	including for plete (but ex e slab of colu oned in 6(a) 1.00 Tota jirders and o	ns, mo cluding nn anc (i)&(ii) = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00	ing, teel alls; Cft Cft	96.00	Cft	1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 1 d ceme cast la	vashed a ng, rende ation and ent concre other str . horizon x 1: 2: 4) 6.0 nt concre id in posi	ggregat ering and d placing ete in sla uctural r cal shutt 00 ete in roo	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00	founda than thc in all re	d design, face, com ation, base ose menti espects:- 4.00 s lintels, g	including for plete (but ex e slab of colu oned in 6(a) 1.00 Tota jirders and o	ns, mo cluding nn anc (i)&(ii) = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00	ing, teel alls; Cft Cft	96.00	Cft	1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi	vashed a ng, rende ation and ent concre other str . horizon x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4)	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me	founda than thc in all re	d design, face, com ation, base ose menti espects:- 4.00 s lintels, g cast in sit	including for plete (but ex e slab of colu oned in 6(a) 1.00 Tota jirders and o u, complete i	ns, mo cluding nn anc (i)&(ii) = = = ner stru n all res	ulds, shutteri the cost of s retaining wa above not 96.00 96.00 uctural memb spects:-	ing, teel alls; Cft Cft pers	96.00	Cft	1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form w (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 1 d ceme cast la	vashed a ng, rende ation and ent concre other str . horizon x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4) 0.7	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00	columns	d design, face, com ation, base ose menti espects:- 4.00 s lintels, g cast in sit	including for plete (but ex e slab of colu oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00	ns, mo cluding nn anc (i)&(ii) = = = ner stru n all res	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84	ing, teel alls; Cft Cft pers Cft	96.00	Cft	1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6	vashed a ng, rende ation and ent concre other str . horizon x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4)	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00	columns	d design, face, com ation, base ose menti espects:- 4.00 s lintels, g cast in sit	including for plete (but ex e slab of colu oned in 6(a) 1.00 Tota jirders and o u, complete i	ns, mo cluding nn anc (i)&(ii) = = = ner stru n all res	ulds, shutteri the cost of s retaining wa above not 96.00 96.00 uctural memb spects:-	ing, teel alls; Cft Cft pers Cft	96.00	Cft	1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6	vashed a ng, rende ation and ent concre other str . horizon x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4) 0.7	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p 79 00 x	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00	columns	d design, face, com ation, base ose menti espects:- 4.00 s lintels, g cast in sit	including for plete (but ex e slab of colu oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00	ns, mo cluding nn anc (i)&(ii) = = = ner stru n all res = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84	ing, teel alls; Cft Cft cft Cft Cft	96.00	Cft	1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6 1	vashed a ng, rende ation and ent concre other str . horizoni x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4) 0.7 x 1.0	ggregat ering and d placing ete in sla uctural r cal shutt 00 ete in roo tion, or p 79 00 x	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00 1,098.62	columns	d design, face, com ation, base bse menti espects:- 4.00 s lintels, g cast in sit 1.00 area	including for plete (but ex e slab of colu oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75	ns, mo cluding nn anc (i)&(ii) = = = ner stru n all res = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19	ing, teel alls; Cft Cft cft Cft Cft	96.00	Cft	1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles D-1	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6 1	vashed a ng, rende ation and ent concre other str . horizoni x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4) 0.7 x 1.0 2.0	ggregat ering and d placing ete in sla uctural r cal shutt 00 ete in roo tion, or p 79 00 x 00 00	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00 1,098.62 5.50	columns	d design, face, com ation, base bse menti espects:- 4.00 s lintels, g cast in sit 1.00 area 0.75	including for plete (but ex e slab of colu oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75	ns, mo cluding nn anc (i)&(ii) = = = = = = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19	ing, teel alls; Cft Cft Cft Cft Cft Cft Cft	96.00	Cft	1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles D-1 D-2	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6 1	vashed a ng, rende ation and ent concre other str . horizoni x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4) 0.7 x 1.0 2.0 1.0	ggregat ering and d placing ete in sla uctural r cal shutt 00 ete in roo tion, or p 79 00 x 00 00 00	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00 1,098.62 5.50 5.00	columns	d design, face, com ation, base bse menti espects:- 4.00 s lintels, g cast in sit 1.00 area 0.75 0.75	including for plete (but ex e slab of colu- oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75 0.75	ns, mo cluding nn anc (i)&(ii) = = = = = = = = = = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19 2.81 4.50 1.97	ing, teel alls; Cft Cft Cft Cft Cft Cft Cft Cft			1	456.95	43,867.20
	6	6	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles D-1 D-2 D-3 Vent	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6 1 1 1 1 1 1 1	vashed a ng, rende ation and ent concre other str . horizonf x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4) 0.7 x 1.0 2.0 1.0 2.0 1.0	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p 79 00 x 00 00 00 00 00	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00 1,098.62 5.50 5.00 4.00 3.50	nape and sed surf c.):- o founda than tho in all re columns mbers c	d design, face, com ation, base bese menti espects:- 4.00 s lintels, g cast in sit 1.00 area 0.75 0.75 0.75 0.75 0.75	including for plete (but ex e slab of colu- oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75 0.75 0.75 0.75	nn anc (i)&(ii) = = = = = = = = = = = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19 2.81 4.50 1.97 616.62	ing, teel alls; Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft	616.62		1	456.95	43,867.20
8	6	6 12.c	screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles D-1 D-2 D-3 Vent Fabrication of	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6 1 1 1 1 1 1 1 1 1 1 1 1	vashed a ng, rende ation and other str horizoni x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4) 0.7 x 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p 79 00 x 79 00 x 00 00 00 00 00 00 00 00 00 00 00 00 00	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00 1,098.62 5.50 5.00 4.00 3.50 ment for cem ncluding cost o	ent co founda	d design, face, com ation, base bese menti espects:- 4.00 s lintels, g cast in sit 1.00 area 0.75 0.75 0.75 0.75	including for plete (but ex e slab of colu- oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75 0.75 0.75 0.75 0.75	ns, mo cluding nn anc (i)&(ii) = = = = = = = = = = = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19 2.81 4.50 1.97 616.62 ending, layir	ing, teel alls; Cft Cft Cft Cft Cft Cft Cft Cft Cft cft cft cft cft	616.62		1		
8			screened graded lifting, compactin reinforcement, its (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles D-1 D-2 D-3 Vent Fabrication of position,making	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme ecast la inal mi 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	vashed a ng, rende ation and ent concre other str horizoni x 1: 2: 4) 6.0 nt concre id in posi x 1: 2: 4) 0.7 x 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p 79 00 x 79 00 x 00 00 00 00 00 00 00 00 00 00 00 00 00	e, in required sh d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00 1,098.62 5.50 5.00 4.00 3.50 ment for cem ncluding cost o	ent co founda	d design, face, com ation, base bese menti espects:- 4.00 s lintels, g cast in sit 1.00 area 0.75 0.75 0.75 0.75	including for plete (but ex e slab of colu- oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75 0.75 0.75 0.75 0.75	ns, mo cluding nn anc (i)&(ii) = = = = = = = = = = = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19 2.81 4.50 1.97 616.62 ending, layir	ing, teel alls; Cft Cft Cft Cft Cft Cft Cft Cft Cft cft cft cft cft	616.62		1		
8			screened graded lifting, compactin reinforcement, it (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles D-1 D-2 D-3 Vent Fabrication of position,making reinforcement (a	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	vashed a ng, rende ation and ent concre other str horizoni x 1: 2: 4) 0.7 x 1: 2: 4) 0.7 x 1.0 2.0 1.0 1	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p 79 00 x 00 00 00 00 00 00 00 00 00 00 00 00 00	e, in required she d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 0f slab, beams, prestressed me 1.00 1,098.62 5.50 5.00 4.00 3.50 ment for cem ncluding cost o rust from bars) 96.00	ape and sed surf sed surf c.):- o founda than tho in all re columns mbers c x ent co f binding :- x	d design, face, com ation, base bese menti espects:- 4.00 s lintels, g cast in sit 1.00 area 0.75 0.75 0.75 0.75 0.75 0.75 0.75	including for plete (but ex e slab of colu- oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75 0.75 0.75 0.75 0.75 0.75 0.75	ns, mo cluding nn anc (i)&(ii) = = = = = = = = = = = = = = = = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19 2.81 4.50 1.97 616.62 ending, layir or binding of 294.01	ing, teel alls; Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft	616.62		1		
8			screened graded lifting, compactin reinforcement, its (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles D-1 D-2 D-3 Vent Fabrication of position,making reinforcement (a ('c) Deformed ba	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	vashed a ng, rende ation and ent concre other str horizoni x 1: 2: 4) 0.7 x 1: 2: 4) 0.7 x 1.0 2.0 1.0 1	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p 79 00 x 00 00 00 00 00 00 00 00 00 00 00 00 00	e, in required she d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 of slab, beams, prestressed me 1.00 1,098.62 5.50 5.00 4.00 3.50 ment for cem ncluding cost o rust from bars)	ape and sed surf sed surf c.):- o founda than tho in all re columns mbers c x ent co f binding :- x	d design, face, com ation, base bese menti espects:- 4.00 s lintels, g cast in sit 1.00 area 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	including for plete (but ex e slab of colu- oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75 0.75 0.75 0.75 0.75 0.75 0.75	ns, mo cluding nn anc (i)&(ii) = = = = = = = = = = = = = = = = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19 2.81 4.50 1.97 616.62 ending, layir or binding of 294.01 1,888.45	ing, teel alls; Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft	616.62	Cft	1	566.35	349,219.99
8			screened graded lifting, compactin reinforcement, its (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles D-1 D-2 D-3 Vent Fabrication of position,making reinforcement (a ('c) Deformed ba	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	vashed a ng, rende ation and ent concre other str horizoni x 1: 2: 4) 0.7 x 1: 2: 4) 0.7 x 1.0 2.0 1.0 1	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p 79 00 x 00 00 00 00 00 00 00 00 00 00 00 00 00	e, in required she d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 0f slab, beams, prestressed me 1.00 1,098.62 5.50 5.00 4.00 3.50 ment for cem ncluding cost o rust from bars) 96.00	ape and sed surf sed surf c.):- o founda than tho in all re columns mbers c x ent co f binding :- x	d design, face, com ation, base bese menti espects:- 4.00 s lintels, g cast in sit 1.00 area 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	including for plete (but ex e slab of colu- oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75 0.75 0.75 0.75 0.75 0.75 0.75	ns, mo cluding nn anc (i)&(ii) = = = = = = = = = = = = = = = = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19 2.81 4.50 1.97 616.62 ending, layir or binding of 294.01	ing, teel alls; Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft	616.62	Cft	1		
8			screened graded lifting, compactin reinforcement, its (a)(iii) Reinforced etc and footing b requiring form we (3) Type C (nom Columns Base (a) (i) Reinforced laid in situ or pre (3) Type C (nom Columns Slab Lintles D-1 D-2 D-3 Vent Fabrication of position,making reinforcement (a ('c) Deformed ba	d and v ng, curi s fabric d ceme beams, ork (i.e inal mi 1 d ceme cast la inal mi 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	vashed a ng, rende ation and ent concre other str horizoni x 1: 2: 4) 0.7 x 1: 2: 4) 0.7 x 1.0 2.0 1.0 1	ggregat ering and d placing ete in sla uctural r al shutt 00 ete in roo tion, or p 79 00 x 00 00 00 00 00 00 00 00 00 00 00 00 00	e, in required she d finishing expo g in position, etc ab of rafts / strip members other ering) complete 4.00 0f slab, beams, prestressed me 1.00 1,098.62 5.50 5.00 4.00 3.50 ment for cem ncluding cost o rust from bars) 96.00	ape and sed surf sed surf c.):- o founda than tho in all re columns mbers c x ent co f binding :- x	d design, face, com ation, base bese menti espects:- 4.00 s lintels, g cast in sit 1.00 area 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	including for plete (but ex e slab of colu- oned in 6(a) 1.00 Tota jirders and of u, complete i 11.00 x 0.50 0.75 0.75 0.75 0.75 0.75 0.75 0.75	ns, mo cluding nn anc (i)&(ii) = = = = = = = = = = = = = = = = = =	ulds, shutteri the cost of s d retaining wa above not 96.00 96.00 uctural memb spects:- 51.84 549.31 6.19 2.81 4.50 1.97 616.62 ending, layir or binding of 294.01 1,888.45	ing, teel alls; Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft	616.62	Cft	1	566.35	349,219.99

				1	1.00	5.00	6.00		75.00						
				1	1.00	5.00	3.00		37.50						
				1	1.00 1.00	28.00 10.00	13.50 8.00	2.50 2.50	945.00 200.00						
				1	1.00	201.75	area	2.50	504.38						
				0.5	0.79	13.75	13.75		185.61	Cft					
			Providing laving	watering	and ram	iming brick ballast 1	1⁄" to 2"(40 mm t	Total	= 1,057.50		1,057.50	Cft	100	2,862.00	30,265.65
11 [·]	10	3	for floor foundatio	•		•	/2 10 2 (40 11111	to 50 mm) gaug		sanu,					
				1	1.00	5.00	6.00	0.33	9.90	Cft					
				1	1.00	5.00	3.00	0.33	4.95	Cft					
				1	1.00	28.00	13.50	0.33	124.74	Cft					
				1	1.00	10.00	8.00	0.33	26.40	Cft					
				1	1.00	201.75	area	2.50	504.38	Cft					
				0.5	0.79	13.75	13.75	2.50	185.61	Cft					
								Total	= 139.59	Cft	139.59	Cft	100	10,256.50	14,317.05
12	10	42	approved design,	,Color and pints i/c cu	d Shade	Porcelain glazed til with adhesive/bond nding complete in all	over 3/4"thick (1	I:3) cement plas	ter i/c the cost of s						
			(ii) 600mmx 600 r	mm											
				1	1.00	5.00	6.00		30.00	Sft					
				1	1.00	5.00	3.00		15.00	Sft					
				1	1.00	28.00	13.50		378.00	Sft					
				1	1.00	10.00	8.00		80.00	Sft					
				1	1.00	201.75	area		201.75	Sft					
				0.5	0.79	11.75	11.75		54.22	Sft					
								Total	= 423.00	Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade	with adhe	esive/bo	Porcelain glazed til nd over 1/2"thick (1: in all respect as ap	2) cement plaste	nd, skirting/dado er i/c the cost of	o of specified size, and sealer for finis	1	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze	with adhe grinding o ed tiles	esive/bo	nd over 1/2"thick (1:	2) cement plaste	nd, skirting/dado er i/c the cost of	o of specified size, and sealer for finis	1	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r	with adhe grinding o ed tiles mm	esive/boi complete	nd over 1/2"thick (1: in all respect as ap	2) cement plaste proved and dire	nd, skirting/dado er i/c the cost of cted by the Engi	o of specified size, and sealer for finis ineer Incharge.	shing	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath	with adhe grinding o ed tiles	esive/boi complete 1.00	nd over 1/2"thick (1: e in all respect as ap x 5.00	2) cement plaste proved and dire	nd, skirting/dado er i/c the cost of cted by the Engi x 7.00	o of specified size, and sealer for finis ineer Incharge. 154.00	shing Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r	with adhe grinding o ed tiles mm	esive/boi complete	nd over 1/2"thick (1: in all respect as ap	2) cement plaste proved and dire	nd, skirting/dado er i/c the cost of cted by the Engi x 7.00 7.00	o of specified size, and sealer for finis ineer Incharge.	shing Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath	with adhe grinding o ed tiles mm 2	esive/boi complete 1.00	nd over 1/2"thick (1: e in all respect as ap x 5.00	2) cement plaste proved and dire	nd, skirting/dado er i/c the cost of cted by the Engi x 7.00	o of specified size, and sealer for finis ineer Incharge. 154.00	shing Sft Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store	with adhe grinding o ed tiles mm 2 -1	esive/boi complete 1.00 1.00 1.00 1.00	x 5.00 2.50 x 5.00 2.00 x 5.00	2) cement plaste proved and direc + 6.00 + 3.00	nd, skirting/dado er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50	o of specified size, and sealer for finis ineer Incharge. 154.00 (17.50) (4.00) 8.00	Sft Sft Sft Sft Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents	with adhe grinding o ed tiles mm 2 -1 -1	esive/boi complete 1.00 1.00 1.00	x 5.00 2.50 x 5.00 2.00 x 5.00	2) cement plaste proved and direc + 6.00 + 3.00	nd, skirting/dado er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50	o of specified size, and sealer for finis ineer Incharge. 154.00 (17.50) (4.00)	Sft Sft Sft Sft Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store	with adhe grinding o ed tiles mm 2 -1 -1 -1 2	esive/boi complete 1.00 1.00 1.00 1.00	nd over 1/2"thick (1: e in all respect as ap x 5.00 2.50 2.00 x 5.00 x 28.00	 2) cement plaste proved and direct + 6.00 + 3.00 + 13.50 	nd, skirting/dado er i/c the cost of cted by the Engi 7.00 2.00 x 0.50 x 0.50	o of specified size, and sealer for finis ineer Incharge. 154.00 (17.50) (4.00) 8.00	Sft Sft Sft Sft Sft Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge	with adhe grinding o ed tiles mm 2 -1 -1 2 2 2	esive/boi complete 1.00 1.00 1.00 1.00 1.00	x 5.00 2.50 x 5.00 x 5.00 x 5.00 x 10.00	2) cement plaste proved and direc + 6.00 + 3.00 + 13.50 + 8.00	nd, skirting/dado er i/c the cost of cted by the Engi 7.00 2.00 x 0.50 x 0.50	o of specified size, and sealer for finis ineer Incharge. (17.50) (4.00) 8.00 41.50	Sft Sft Sft Sft Sft Sft Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 2	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00	x 5.00 2.50 2.00 x 5.00 x 5.00 x 28.00 x 10.00 x 109.92	2) cement plaste proved and direc + 6.00 + 3.00 + 13.50 + 8.00 + -	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 x 0.50	o of specified size, and sealer for finis ineer Incharge. (17.50) (4.00) 8.00 41.50 18.00	Sft Sft Sft Sft Sft Sft Sft Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 2 1	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 1.00	x 5.00 2.50 2.00 x 5.00 x 5.00 x 28.00 x 10.00 x 109.92	2) cement plaste proved and direc + 6.00 + 3.00 + 13.50 + 8.00 + -	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 x 0.50	o of specified size, and sealer for finis ineer Incharge. (17.50) (4.00) 8.00 41.50 18.00 54.96	Sft Sft Sft Sft Sft Sft Sft Sft Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 2 1 0.5	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14	x 5.00 x 5.00 2.50 2.00 x 5.00 x 28.00 x 10.00 x 109.92 x 11.69	2) cement plaste proved and direct + 6.00 + 3.00 + 13.50 + 8.00 + - + (23.38)	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 x 0.50 x 0.50 x 0.50	o of specified size, and sealer for finis ineer Incharge. 154.00 (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54	Sft Sft Sft Sft Sft Sft Sft Sft Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting D-1	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 2 1 0.5 -2	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14 2.00	x 5.00 2.50 2.00 x 5.00 x 28.00 x 10.00 x 109.92 x 11.69 4.00	2) cement plaste proved and direc + 6.00 + 3.00 + 13.50 + 8.00 + - + (23.38)	nd, skirting/dado er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 x 0.50 0 x 0.50 0 x 0.50	o of specified size, and sealer for finis ineer Incharge. (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54 (8.00)	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	423.00	Sft	1	360.40	152,449.20
13	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting D-1 D-2	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 2 1 0.5 -2 -1	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14 2.00 1.00	x 5.00 2.50 2.00 x 5.00 x 28.00 x 10.00 x 109.92 x 11.69 4.00 3.50	2) cement plaste proved and direc + 6.00 + 3.00 + 13.50 + 8.00 + - + (23.38)	nd, skirting/dado er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 x 0.50 0.50 0.50	o of specified size, and sealer for finis ineer Incharge. (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54 (8.00) (1.75)	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	423.00		1	360.40	152,449.20
	10	43	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting D-1 D-2 D-3 Providing and lay with adhesive bor directed by the Er	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 2 1 0.5 -2 -1 -1 -1 ving Prepored nd over 3 ngineer Ir	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14 2.00 1.00 3.00 blished G /4" thick ncharge	x 5.00 2.50 2.00 x 5.00 x 28.00 x 10.00 x 109.92 x 11.69 4.00 3.50	 2) cement plaste proved and direct + 6.00 + 3.00 + 13.50 + 8.00 + - + (23.38) 	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 x 0.50 0.50 0.50 0.50 0.50 Total ade of full width	o of specified size, and sealer for finis ineer Incharge. (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54 (8.00) (1.75) (3.75) = 269.00 of approved qualit	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
			Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting D-1 D-2 D-3 Providing and lay with adhesive bor	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 2 1 0.5 -2 -1 -1 -1 ving Prepored nd over 3 ngineer Ir	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14 2.00 1.00 3.00 blished G /4" thick ncharge	and over 1/2"thick (1: an all respect as ap x 5.00 2.50 2.00 x 5.00 x 5.00 x 5.00 x 5.00 x 2.00 x 2.00 x 10.00 x 109.92 x 11.69 4.00 3.50 2.50 Granite of specified the	 2) cement plaste proved and direct + 6.00 + 3.00 + 13.50 + 8.00 + - + (23.38) 	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 x 0.50 0.50 0.50 0.50 0.50 Total ade of full width	o of specified size, and sealer for finis ineer Incharge. (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54 (8.00) (1.75) (3.75) = 269.00 of approved qualit	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
			Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting D-1 D-2 D-3 Providing and lay with adhesive bor directed by the Er	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 2 1 0.5 -2 -1 -1 -1 ving Prepored nd over 3 ngineer Ir	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14 2.00 1.00 3.00 blished G /4" thick ncharge	and over 1/2"thick (1: an all respect as ap x 5.00 2.50 2.00 x 5.00 x 5.00 x 5.00 x 5.00 x 2.00 x 2.00 x 10.00 x 109.92 x 11.69 4.00 3.50 2.50 Granite of specified the	 2) cement plaste proved and direct + 6.00 + 3.00 + 13.50 + 8.00 + - + (23.38) 	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 0.50 0.50 0.50 Total ade of full width plete in all respe	o of specified size, and sealer for finis ineer Incharge. 154.00 (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54 (8.00) (1.75) (3.75) = 269.00 of approved qualited ect as approved and 18.00	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft					
			Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting D-1 D-2 D-3 Providing and lay with adhesive bor directed by the Er ii) 3/4" thick (12"x	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 2 1 0.5 -2 -1 -1 -1 ving Prepored nd over 3 ngineer Ir	esive/bor complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	and over 1/2"thick (1: an all respect as ap x 5.00 2.50 2.00 x 5.00 x 5.00 x 5.00 x 5.00 x 2.00 x 2.00 x 2.00 x 10.00 x 109.92 x 11.69 4.00 3.50 2.50 Stanite of specified th (1:2) cement sand not specified th	 2) cement plaste proved and direct + 6.00 + 3.00 + 13.50 + 8.00 + - + (23.38) 	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 0.50 0.50 0.50 Total ade of full width plete in all respe	o of specified size, and sealer for finis ineer Incharge. 154.00 (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54 (8.00) (1.75) (3.75) = 269.00 of approved qualited	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft		Sft			
14			Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting D-1 D-2 D-3 Providing and lay with adhesive bor directed by the Er ii) 3/4" thick (12"x Steps	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 1 0.5 -2 -1 -1 -1 ving Prepo nd over 3 ngineer In c24"/12"x3	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.00 blished G /4" thick acharge 36") 3.00	and over 1/2"thick (1: an all respect as ap x 5.00 2.50 2.00 x 5.00 x 5.00 x 5.00 x 5.00 x 2.00 x 2.00 x 2.00 x 10.00 x 109.92 x 11.69 4.00 3.50 2.50 Stanite of specified th (1:2) cement sand not specified th	 2) cement plaster proved and direct proved and direct proved and direct and dir	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 0.50 0.50 0.50 Total ade of full width plete in all respen	b of specified size, and sealer for finis ineer Incharge. 154.00 (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54 (8.00) (1.75) (3.75) = 269.00 of approved qualited ect as approved and 18.00 - = 18.00 of approved qualit	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	269.00	Sft	1	360.40	96,949.03
14	10	50	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting D-1 D-2 D-3 Providing and lay with adhesive bor directed by the Er ii) 3/4" thick (12"x Steps Providing and lay with adhesive bor directed by the Er	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 1 0.5 -2 -1 -1 -1 ving Prepo nd over 3 ngineer In c24"/12"x3	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.00 blished G /4" thick acharge 36") 3.00	and over 1/2"thick (1: an all respect as ap x 5.00 2.50 2.00 x 5.00 x 5.00 x 5.00 x 2.50 x 10.00 x 109.92 x 11.69 4.00 3.50 2.50 Granite of specified th (1:2) cement sand r 6.00	 2) cement plaster proved and direct proved and direct proved and direct and the second direct and the	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 0.50 0.50 0.50 Total ade of full width plete in all respen	b of specified size, and sealer for finis ineer Incharge. 154.00 (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54 (8.00) (1.75) (3.75) = 269.00 of approved qualited ect as approved and 18.00 - = 18.00 of approved qualit	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	269.00	Sft	1	360.40	96,949.03
14	10	50	Color and Shade the joints, cutting a) Full body Glaze (ii) 600mmx 600 r Bath Less D-3 Less vents Store Female lounge Food Shop Verandah Skirting D-1 D-2 D-3 Providing and lay with adhesive bor directed by the Er ii) 3/4" thick (12"x Steps	with adhe grinding of ed tiles mm 2 -1 -1 2 2 2 1 0.5 -2 -1 -1 -1 ving Prepo nd over 3 ngineer In c24"/12"x3	esive/boi complete 1.00 1.00 1.00 1.00 1.00 1.00 3.14 2.00 1.00 3.14 2.00 1.00 3.00 blished G /4" thick acharge 36") 3.00	and over 1/2"thick (1: an all respect as ap x 5.00 2.50 2.00 x 5.00 x 5.00 x 5.00 x 2.50 x 10.00 x 109.92 x 11.69 4.00 3.50 2.50 Granite of specified th (1:2) cement sand r 6.00	 2) cement plaster proved and direct proved and direct proved and direct and the second direct and the	nd, skirting/dade er i/c the cost of cted by the Engi x 7.00 7.00 2.00 x 0.50 x 0.50 x 0.50 x 0.50 0.50 0.50 0.50 Total ade of full width plete in all respen	b of specified size, and sealer for finis ineer Incharge. 154.00 (17.50) (4.00) 8.00 41.50 18.00 54.96 27.54 (8.00) (1.75) (3.75) = 269.00 of approved qualited ect as approved and 18.00 - = 18.00 of approved qualit	Shing Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	269.00	Sft	1	360.40	96,949.03

6	10	48	Extra for Bevelli Carborandam d			ected by the Engir										
			Steps nosing				-									
			Male side		3.00	6.00				18.00	Rft					
								Total	=	18.00	Rft	18.00	Rft	1	27.90	502.20
			SURFACE REN	IDERING												
7	11	8.b	Cement Plaster	1;3 upto 2	0' height 1/2"	Thick (in side)										
			Inside	1	2.00	5.00 +	6.00	9.00	=	198.00	Sft					
				1	2.00	5.00 +	3.00	9.00	=	144.00	Sft					
				1	2.00	28.00 +	13.50	9.00	=	747.00	Sft					
				1	2.00	10.00 +	8.00	9.00	=	324.00	Sft					
			Face veranda	1	1.00	10.75		9.00	=	96.75	Sft					
				1	1.00	5.42		9.00	=	48.78	Sft					
				1	1.00	25.62		9.00	=	230.58	Sft					
				1	1.00	6.00		9.00	=	54.00	Sft					
			Toe wall inside	1	1.00	16.17		1.38	=	22.23	Sft					
				0.5	3.14	11.69		1.38	=	25.25	Sft					
				1	2.00	8.00		1.38	=	22.00	Sft					
			Less							-	Sft					
			D-1	-2	2.00	4.00		7.00		(112.00)	Sft					
			D-2	-1	1.00	3.50		7.00		(24.50)	Sft					
			D-3	-1	2.00	2.50		7.00		(35.00)	Sft					
			Vent	-1	1.00	2.00		2.00		(4.00)	Sft					
			Out side							-	Sft					
				1	1.00	46.00		9.00		414.00	Sft					
				1	1.00	11.25		9.00		101.25	Sft					
				1	1.00	6.50		9.00		58.50	Sft					
				1	1.00	10.75		9.00		96.75	Sft					
				1	1.00	9.50		9.00		85.50	Sft					
			Less vent	-1	1.00	2.00		2.00		(4.00)	Sft					
			D-2	-1	1.00	3.50		7.00		(24.50)	Sft					
			Parapet							-	Sft					
			Parapet Walls	2	1.00	52.29		2.75	=	287.60	Sft					
				2	1.00	46.07		2.75	=	253.36	Sft					
				1	3.14	13.69		2.75	=	118.27	Sft					
				2	1.00	11.75		2.75	=	64.63	Sft					
			Less tiles							(269.00)	Sft					
								Net Total	=	2,919.44	Sft	2,919.44	Sft	100	3,635.05	106,123.08
8	11	10b	Cement plaster	3/8" (10 m	m) thick unde	er soffit of R.C.C. r	oof slabs only, u	pto 20' height								
			Ceiling soffit	1	1.00	5.00	6.00			30.00	Sft					
				1	1.00	5.00	3.00			15.00						
				1	1.00	28.00	13.50			378.00						
				1	1.00	10.00	8.00			80.00						
				1	1.00	201.75	area			201.75						
				0.5	0.79	13.75	13.75			74.24						
			Parapet soffit	1	1.00	52.29	2.00		=	104.58						
				1	1.00	46.07	2.00		=	92.13						
				0.5	3.14	13.69	2.00		=	43.01						
				1	1.00	11.75	2.00		=	23.50						
								Net Total	=	1,042.21	Sft	1,042.21	Sft	100	3,960.25	41,274.25
9	11	23	Distempering:-													
			a) new surface:-								~~					
			Inside	Sa	ame as inside	e plaster			=	1,737.09						
			Ceiling						=	778.99	Sft					
			3 Coats					Net Total	=	2,516.09	Sft	2,516.09	Sft	100	1,446.35	36,391.43
			1										1			

													Say		3,041,200.
													Total		3,041,167.0
						Tota	ıl	=	796.55	Cft	796.55	Cft	100	7,585.75	60,423.9
		R.c.c 1.2.4 :as p	er item No).	7.00 =	616.62 x	0.88	=	542.62	Cft					
		Pcc 1.2.4 :as pe	r item No.		2.00 =	9.00 x	0.88	=	7.92	Cft					
		Pcc 1.4.8 :as pe	r item No.		3.00 =	259.58 x	0.95	=	246.00	Cft					
		Lead up		135.00	from N	largalla Hills qua	ary								
		, , , , , , , , , , , , , , , , , , ,	,			er means owned	-	tractor							
1	1	-	•	,		Tota ggregate, spawl,	kankar lime	•	,		1.00	Sft	1	889.80	889.8
				1				=	1.00	No.					
9	15	Khuras on roof 2	2'x2'x6" (60	00 x 600 x 150 m	ım)	TOLA		-	1,119.00	Sit	1,119.00	Sit	100	20,191.0U	200,021.
						Tota	al	=	- 1,119.58		1,119.58	Sff	100	25,797.80	288,827.
								=	-	Sft					
		Add back		-				=	-	Sft					
			-0.5	3.15	13.69	0.33		=	(7.11)						
		Less P. Wall	-1		138.00	0.33	_	=	(45.54)						
			0.25	3.14	13.69	13.69	0.50	=	73.60						
				1.00	1,098.63 are	a		=	1,098.63	Sft					
9	50	mm) thick cemer provided over 2	nt plaster 1 layers of ti	1:6 with 34 lbs. p les 12"x6"x1¼" (er %Sft or 1.72 300x150x30 mm	1" (25 mm) mud Kg/sq.m hot bitur n) laid in 1:6 ceme ent pointing under	nen coating ent mortar	g sand with ½	l blinded, 2" (13 mm) th	nick					
		ROOF													
						Tota	al	=	153.50	Sft	153.50	Sft	1.00	1,336.55	205,160
				8.00	5.13		1.50	=	61.50						
		W-4		2.00	2.00		2.00	=	8.00	Sft					
		W-3		1.00	2.00		2.00	=	4.00	Sft					
		W-2		1.00	4.00		4.00	=	16.00	Sft					
		W-1	ing appro	2.00	8.00		4.00	=	64.00	Sft					
25	52	sliding using del frame sections o	ux sections of 50 x 20 r	s of approved ma mm (2"x¾"), all o	anufacturer havir f 1.6mm thicknes	of anodised/ pow ng frame size of ź ss including 5 mn etc., as approved	100 x 30 m n thick impo	m (4"x orted t	(1-1/4") and inted glass v	leaf					
									85.50		85.50	Sft	1	795.70	68,032
		D-3	1	1.00	2.50		2.00		5.00	Sft					
		D-2	1	1.00	3.50		7.00		24.50	Sft					
		D-1	2	1.00	4.00		7.00		56.00	Sft					
12	52	cost of nails, tow	ck commer ver bolt , ha apering an	cial ply over 1" th andles, glue, sav	hick packing woo ving charges and	Deodar/Ash/Oak od in style and rai I lacquar polishing ping as approved	ls under pr g to show t	oper p ne gra	ressure i/c t ins of ply						
									85.50	Sft	85.50	Sft	1	402.05	34,375
		D-3	1	1.00	2.50		2.00		5.00						
		D-2	1	1.00	3.50		7.00		24.50						
		D-1	2	1.00	4.00		7.00		56.00	Sft					
12	16	(225mmx25mm)	(3mm) wel	ded/screwed 4"	(100 mm) long ir	on hinges, includ e 1:2:4, complete	ling filling cl	nowka	t with cemer	nt					
			•	•		ors, windows, C. (3mm) M.S. holdf		•	owkat only)	of 20					
		2nd coat							1,714.57	Sft	1,714.57	Sft	100	2,101.80	36,036
		2nd coat							1,714.57	Sft	1,714.57	Sft	100	2,101.80	36,036
							Net Total	=	1,714.57	Sft	1,714.57	Sft	100	3,651.00	62,598
		Less tiles out sid	le							Sft					
		Ceiling soffit							263.22	Sft					

								UCTION		mate fo										
						MRS	6, 1st Bl-		- 2023	(01-01-2	2023 1	to 30-06	2023)	DISTRIC	T JHE	LUM				
Sr	1st	/IRS .2023	-					DESCR								Qty		Unit	Rate	Amount
No	Ch.	Item	-					DECON								Qty		Onit	Nate	Rs.
1	3	21.aii	Excavation in foun upto one chain (30			-	-		ucture	with exca	vated	earth, wat	ering a	nd rammin	g lead					
			a) By Manual ii) in			-	()													
			9" walls	1	х	2.00	x	8.50	х	2.50	х	3.50	=	148.75	C#					
				1	x		x		x	2.50		3.50		87.50						
				1	x		x	2.25		0.75		3.50		5.91						
								_				Total	=	242.16	0.0	242.16	Cft	1000	13,046.90	3,159.00
2	6	5f	Cement concrete p				ing, comp	pacting, finis	shing a	nd curing	compl		ding scr		•	242.10	On	1000	10,040.00	3,100.00
-	Ū		washing of stone a (f) Ratio 1: 2:4	aggre	gate)):														
			Steps											-	Cft					
														-	Cft					
												Total	=	-	Cft	-	Cft	100	37,614.70	-
3	6	5.i	Cement concrete p washing of stone a			• •	ing,comp	acting, finis	hing ar	nd curing o	comple	ete (incluc	ling scre	eening and						
			(i) Ratio 1:4:8)	55.5	J/															
			9" walls	1	х	2.00	x	8.50	х	2.50	x	0.50	=	21.25	Cft					
				1	x		x	5.00	x	2.50	×	0.50	=	12.50						
				1	x	1.00	x	2.25	x	0.75	x	0.50	=	0.84						
												Total	=	33.75		33.75	Cft	100	28,513.19	9,623.00
																				-,
4	7	4	Pacca brick work i	n four	ndatio	on and p	linth in:-i)	Cement, sa	and mo	rtar:-										
			Ratio 1:4)																	
			1st step																	
			9" walls	1	х	2.00	х	8.50	x	1.50	х	0.50	=	12.75	Cft					
				1	х	2.00	х	5.00	x	1.50	х	0.50	=	7.50	Cft					
				1	х	1.00	x	2.25	x	0.75	х	0.50	=	0.84	Cft					
			2nd Step																	
			9" walls	1	x	2.00	x	8.50	x	1.13	х	0.50	=	9.56	Cft					
				1	х	2.00	х	5.00	x	1.13	х	0.50	=	5.63	Cft					
				1	х	1.00	х	2.25	х	0.75	х	0.50	=	0.84	Cft					
			3rd Step																	
			9" walls	1	х	2.00	x	8.50	х	0.75	Х	2.50	=	31.88	Cft					
				1	х		х	5.00	Х	0.75	х	2.50	=	18.75						
				1	х	1.00	x	2.25	Х	0.75	X	0.50	=	0.84						
			Providing and layi	na da	mn r	proof activ	ree of oor	nent concre	te 1.0.	A(using a		t Total sand and	= t shinal	88.59 e) includir		88.59	Cft	100	32,454.60	28,752.75
5	6	36-a -ii	bitumen coating :- (a) with one coat b									, sanu all	a ənnıyı	o, moluuli	'Y					
			ii) 2" thick (50 mm))																
			9" walls	1	x	2.00	х	8.50	х	0.75			=	12.75	Sft					
				1	х	2.00	x	5.00	х	0.75			=	7.50	Sft					
				1	х	1.00	x	2.25	х	0.75			=	1.69	Sft					
											Ne	t Total	=	21.94	Sft	21.94	Cft	100	10,203.55	2,238.40
6	7	5	Pacca brick work i	n grou	und f	loor:-														
			Ratio 1:4)																	
			9" walls	1	х		х	8.50	Х	0.75	Х	7.25	=	92.44						
				1	х		х	5.00	Х	0.75	Х	7.25	=	54.38						
				1	х		Х	2.25	Х	0.75	Х	7.25	=	12.23						
			Parapet Walls	1		2.00		8.50		0.75		0.38	=	4.78						
				1		2.00		5.00		0.75		0.38	=	2.81						
	1			1		2.00		0.75		0.75		0.38	=	0.42						
		-	1	1		2.00		8.50		1.13		0.13	=	2 20	Cft					

11 10 3 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 1 1.00 7.00 5.00 0.33 11.55 Cft	I	I		1											I 1	I	I I	I
1 1 200 500 100 205 - 0.35 0.05 0.45																		
1 1 2.00 0.00 1.00 0.22 - 0.75 0.15 0.25 <td></td>																		
8 0 0 0.00 2.25 0.07 700 7 0.0 0.075 0.00 0.75 0.00 0.75 0.00 0.75 0.00 0.75 0.00 0.75 0.00 0.75 0.00 0.75																		
1 1 1.02 2.26 0.75 2.00 - (1181) 0.01 1.02 3.00 0.75 3.00 - (125) 0.1 1.02 3.00 0.75 3.00 - (125) 0.1 1.00 3.00 0.75 0.05 0.75 0.075 0.075 0.075 0.07 100 3.00 0.00 0.075 0.075 0.07 100 3.00 0.00 0.00 0.00 0.00 0.00 0.00 3.00 0.00 100 3.00 0.00 3.00 0.00 100 3.00 0.00 3.00 0.00 100 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00 3.00 0.00				Deductions	I	2.00	0.75		0.75	0.2	5 -	0.20	Cit					
$ \left \begin{array}{cccccccccccccccccccccccccccccccccccc$					-1	1 00	2 25		0 75	7 (0 =	(11 81)	Cft					
1 1 0.00 3.73 0.75<												. ,						
1 1 0 4.80 0.75 <td></td> <td>()</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td>												()	_					
Note Test Table $=$ 160.00 Ch 156.00				D-1	-1	2.00	3.75		0.75	0.7	5 =	(4.22)	Cft					
7 8 8 Providing and hyling indicated convert converts (including predimend and converts), using constrained and including predimend and converts (including predimend and converts), using constrained and including predimend and converts (including predimend and converts). Image: Section 2000 and Sectin 2000 and Section 2000 and Section 2000 and Section 20				D-2	-1	1.00	4.50		0.75	0.7	5 =	(2.53)	Cft					
7 8 8 Providing and hyling indicated convert converts (including predimend and converts), using constrained and including predimend and converts (including predimend and converts), using constrained and including predimend and converts (including predimend and converts). Image: Section 2000 and Sectin 2000 and Section 2000 and Section 2000 and Section 20										Net Total	=	156.09	Cft	156.09	Cft	100	34.857.00	54,409,60
$ \begin{vmatrix} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$													On	100.00	on	100	01,001.00	01,100.00
1 1 1 1 1 2 2 2 3 0	1	6	6	screened graded lifting, compacting reinforcement, its	and wash g, curing, t fabricatio	ed aggregate rendering an n and placin	e, in required sha d finishing expos g in position, etc.	pe and c ed surfac):-	lesign, inc ce, comple	luding forms te (but excl	a, mould ading the	s, shuttering, e cost of steel						
8 Image: Single series of the se				and footing beam work (i.e. horizon	ns, other st tal shutter	ructural men ing) complet	nbers other than	those me										
8 Image: Second Se				.,							_							
 8 No in the provide and line provide in all repertences of all repertences o				Columns Base	1	1.00	2.00		2.00					2.00	C #	4	450.05	1 070 05
a In afturo processal faile in position, or prestressed members cast in situ, complete in all respects:- Image: second seco										IOt	ai =	3.00	Сп	3.00	Сπ	1	456.95	1,370.85
9 8 8 8 1 x 1.00 x 8.50 x 6.50 x 0.50 = 27.63 CR 1 1.00 0.75 0.75 9.00 = 5.06 CR 0 1 2.00 3.75 0.75 = 2.22 CR 0-2 1 2.00 3.75 0.75 = 2.33 CR 0-2 1 2.00 3.75 0.75 = 39.44 CR 0-2 1 2.00 3.75 0.75 = 39.44 CR 1 566.35 22.335.43 0-2 1 7.00 = 3.00 x 6.75 / 2.00 = 9.19 Kg 100 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90 31.945.90<	8			. , . ,					-				laid					
$ \left \begin{array}{cccccccccccccccccccccccccccccccccccc$				(3) Type C (nomi	nal mix 1:	2: 4)												
1 10 1 2.0 3.75 0.75 <td></td> <td></td> <td></td> <td>Slab</td> <td>1 x</td> <td>1.00</td> <td>x 8.50</td> <td>х</td> <td>6.50</td> <td>x 0.5</td> <td>0 =</td> <td>27.63</td> <td>Cft</td> <td></td> <td></td> <td></td> <td></td> <td></td>				Slab	1 x	1.00	x 8.50	х	6.50	x 0.5	0 =	27.63	Cft					
1 10 1 2.00 3.75 0.75 0.75 = 4.22 Cft A A D-1 1.00 4.50 0.75 0.75 = 2.53 Cft D-1 D-2 D D-2 D D-2 D D-1 D-2 D D-1 D-2 D D-1 D-2 D D-2 D-1 D-1 D-2 D-1 D-1 D-2 D-1 D-1 D-1 D-2 D				Column	1	1.00	0.75		0.75	9.0	0 =	5.06	Cft					
9 0 1 1.00 4.50 0.75 0.75 = 2.53 Cft 39.44 Cft 1 566.35 22,335.43 12.0 Fabrication of mid steel reinforcement for cement concrete, including outling, bending, laying in position, making in position, making induces removal of nult steel reinforcement for cement concrete, including outling, bending, laying in position, making induces removal of nult steel reinforcement for cement concrete, including outling, bending, laying in position, making in position, making induces removal of nult steel reinforcement for cement concrete, including outling, bending, laying in position, making in position, making in position, making induces removal of nult steel reinforcement for cement concrete, including outling, bending, laying in position, making in position, making induces removal of nult steel reinforcement for cement concrete, including outling, bending, laying in position, making induces removal of nult steel reinforcement for cement concrete, including outling, bending, laying in position, making in position, making induces removal of nult steel reinforcement for cement concrete, including outling, bending, laying in position, making induces removal of nult steel reinforcement for cement concrete, including outling, bending, laying induces removal of nult steel reinforcement for cement concrete, including outling, bending, laying in position, making induces removal induces remova																		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $																		
8 A 12.c Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fasterings, including cost of binding wire and labour charges for binding of steel reinforcement (also and fastering). 8 A a B FLOOR 8 FLOOR 8 FLOOR 8 FLOOR 9 FLOOR				D-2	1	1.00	4.50		0.75					20.44	C#	1	566 35	22 225 42
$\begin{bmatrix} 1 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\$	9	6	12.c	joints and fasten includes removal	ings,incluo of rust fro	ding cost of m bars):-				ng, bending	, laying	in position,m	aking	00.11	On		000.00	22,000.40
$10 7 30 8.00 = 39.44 x 6.75 / 2.20 = 120.78 Kg \\ Total = 129.7 Kg 129.97 Kg 100 31,945.90 41,519.98 41,519$. ,														
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				Quty:as per item	No.								•					
10 7 30 FLOOR 11 1.00 7.00 5.00 0.50 17.50 Cft 100 2,862.00 500.85 11 10 3 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 Total = 17.50 Cft 100 2,862.00 500.85 11 10 7.00 5.00 0.33 11.55 Cft 100 2,862.00 500.85 11 1.00 7.00 5.00 0.33 11.55 Cft 100 10,256.50 1,184.63 12 10 42 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design,Color and Shade with adhesive/bond over 3/4 "thick (1:3) cement plaster i/c the cost of sealer for finishing in approved design coll plaster i/c the cost of sealer for finishing in approved design coll plaster i/c the cost of sealer for finishing in approved design coll plaster i/c the cost of sealer for finishing in approved design coll plaster i/c the cost of sealer for finishing in approved design coll plaster i/c the cost of sealer for finishing in approved design coll plaster i/c the cost of sealer for finishing in approved design coll plaster i/c the cost of sealer for finishing in approved design coll plaster i/c the cost of sealer for finishing in approved design coll plaster i/						8.00 =	39.44	Х					•	120.07	Ka	100	31 045 00	11 510 08
10 7 30 Supplying and filling sand under floor; or plugging in wells. 1 1 1.00 7.00 5.00 0.50 17.50 Cft 100 2,862.00 500.85 11 10 3 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 Total = 17.50 Cft 100 2,862.00 500.85 12 10 42 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge A									I	otai	-	129.97	Ng	129.97	rty.	100	51,945.90	41,019.90
10 7 30 Supplying and filling sand under floor; or plugging in wells. 1 1 1.00 7.00 5.00 0.50 17.50 Cft 100 2,862.00 500.85 11 10 3 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 Total = 17.50 Cft 100 2,862.00 500.85 12 10 42 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge A				FLOOR														
$11 10 3 1.00 7.00 5.00 0.50 17.50 Cft \\ Total = 17.50 Cft 17.50 Cft 100 2,862.00 500.85 11.55 Cft 11.55 Cft 100 2,862.00 500.85 11.55 Cft 100 10,256.50 1,184.63 100 100,256.50 1,184.63 100 100,256.50 1,184.63 100 100,256.50 1,184.63 100 100,256.50 1,184.63 100 100,256.50 1,184 100 100,256.50 1,184 10$	10	7	30		ing sand ι	under floor; o	or plugging in well	s.										
11 10 3 Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for 1 1.00 7.00 5.00 0.33 11.55 Cft 1 1.55 Cft 11.55 Cft 100 $10,256.50$ $1,184.6312$ 10 42 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved 13 100 $10,256.50$ $1,184.6312$ 10 10 10 10 10 10 10 10					1	1.00	7.00		5.00	0.5	0	17.50	Cft					
11103floor foundation, complete in all respects11.007.005.000.3311.55Cft11.007.005.000.3311.55Cft11.007.005.000.3311.55Cft1107.005.000.3311.55Cft110.256.501.184.63121042Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design,Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer InchargeInchargea) Full body Glazed tilesImage: Color and Shade tilesImage: Color and Shade tilesImage: Color and Shade tiles										Tot	al =	17.50	Cft	17.50	Cft	100	2,862.00	500.85
10 42 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge 11.55 Cft 100 10,256.50 1,184.63 12 10 42 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved and directed by the Engineer Incharge 11.55 Cft 100 10,256.50 1,184.63 12 10 42 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved and directed by the Engineer Incharge 11.55 Cft 100 10,256.50 1,184.63 12 10 42 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved and directed by the Engineer Incharge 11.55 Cft 100 10,256.50 1,184.63 12 10 Full body Glazed tiles 10.55 Cft 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 10.55 </td <td>11</td> <td>10</td> <td>3</td> <td>• • •</td> <td>•</td> <td></td> <td></td> <td>" to 2"(40</td> <td>) mm to 5(</td> <td>) mm) gauge</td> <td>e mixed '</td> <td>with 25% san</td> <td>d, for</td> <td></td> <td></td> <td></td> <td></td> <td></td>	11	10	3	• • •	•			" to 2"(40) mm to 5() mm) gauge	e mixed '	with 25% san	d, for					
12 10 42 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge a) Full body Glazed tiles					1	1.00	7.00		5.00	0.3	3	11.55	Cft					
12 10 42 design,Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge a) Full body Glazed tiles										Tot	al =	11.55	Cft	11.55	Cft	100	10,256.50	1,184.63
	12	10	42	design,Color and	Shade wi	th adhesive/l	bond over 3/4"thi	ck (1:3) c	cement pla	ster i/c the	cost of s	ealer for finish						
				a) Full body Glaz	ed tiles													
				,														

				1	1.00	7.00	5.00			35.00	Sft					
				I	1.00	7.00	0.00									
								Total	=	35.00	Sft	35.00	Sft	1	360.40	12,614.00
13	10	43	and Shade with a	dhesive/b	ond over 1/2"thi	ain glazed tiles of Ma ck (1:2) cement plas approved and directe	ter i/c the cos	st of and seale	er for fin							
			a) Full body Glaz	ed tiles												
			(ii) 600mmx 600 r	mm												
			Skirting	2	1.00 x	7.00 +	5.00	x 0.50		12.00	Sft					
			D-1	-1	1.00	2.25		0.50		(1.13)	Sft					
14	10	50		nd over 3/4	4" thick (1:2) cei	f specified thickness ment sand mortor be			approve	• •		10.88	Sft	1	360.40	3,919.35
			ii) 3/4" thick (12"x	(24"/12"x3(
			Door cill		1.00	2.25	1.00			2.25	Sft					
										-	Sft					
								Total	=	2.25	Sft	2.25	Sft	1	1,508.45	3,394.01
15	10	50		nd over 3/4	4" thick (1:2) cei	f specified thickness ment sand mortor be					aid					
			(ii) 1/2" thick													
			Steps							-	Sft					
								Total	=	-	Sft	-	Sft	1	1,193.45	-
16	10					in approved design ed by the Engineer Ir		all respects i/c	the cos	t of						
			Steps nosing													
			Door cill		1.00	2.25				2.25	Rft					
								Total	=	2.25	Rft	2.25	Rft	1	27.90	62.78
			SURFACE REND	DERING												
17	11		Cement Plaster 1		' height 1/2" Thi	ck (in side)										
				1	2.00	7.00 +	5.00	7.33	=	175.92	Sft					
			Less							-	Sft					
			D-1	-1	1.00	2.25		7.00		(15.75)						
			Parapet							-	Sft					
			Parapet Walls	1	2.00	7.00 +	5.00	0.75	=	18.00	Sft					
								Net Total	=	178.17	Sft	178.17	Sft	100	3,635.05	6,476.57
18	11	10b	Cement plaster 3	/8" (10 mm	n) thick under so	offit of R.C.C. roof sla	abs only, upto	o 20' height								
			Ceiling soffit	1	1.00	7.00	5.00			35.00	Sft					
								Net Total	=	35.00	Sft	35.00	Sft	100	3,960.25	1,386.09
19	7	32i				stretcher course in c apart horizontally, a					юор					
				1	1.00	8.50 +	6.50	0.25		3.75	Sft					
				1	1.00	8.50 +	6.50	0.13		1.88						
				1	1.00	8.50 +	6.50	8.25		123.75						
				-				Net Total	=	125.63		125.63	Sft	100	18,167.65	22,823.11
20	11		Distempering:-							_		-				
			a) new surface:-								_					
1			Inside	S	ame as inside p	laster			=	160.17						
			Ceiling						=	35.00	Sft					
											1					

			Less P. Wall	0.25 -1 -0.5	3.14	138.00 13.69	0.33	0.50	=	(45.54) (7.11)	Sft					
				0.25	3.14	13.69	13.69	0.50	=	73.60	Sft					
					1.00	1,098.63 ar	еа		=	1,098.63	Sft					
25	9	50	mm) thick cemer over 2 layers of t	it plaster 1: iles 12"x6":	6 with 34 lbs. per x1¼" (300x150x3	%Sft or 1.72 k 0 mm) laid in 1:	I" (25 mm) mud plaste g/sq.m hot bitumen c 6 cement mortar with derside of tiles, comp	oating sa ½" (13 m	obri lee nd blir m) thie	eping over ½ nded, provide ck sand wich	e" ed	9.00	Sit	1.00	1,000.00	12,020.90
			W-1		1.00	3.00	Total	3.00	=	9.00 9.00		9.00	Sft	1.00	1,336.55	12,028.95
24	25	52	sliding using del frame sections o	ux sections f 50 x 20 m	of approved mar m (2"x¾"), all of 2	ufacturer havin 1.6mm thicknes	of anodised/ powder c g frame size of 100 x s including 5 mm thick cc., as approved by th	30 mm (4 k imported	"x1-1/	ed and partly /4") and leaf d glass with		10.70			100.10	12,002.20
			D-1	1	1.00	2.25		7.00		15.75 15.75		15.75	Sft	1	795.70	12,532.2
20	12		2.5 mm thick cor nails, tower bolt papering and 3/8 Engineer Incharg	nmercial ply , handles, g 3" thick mat	/ over 1" thick pa lue, sawing char ching wooden lip	cking wood in s ges and lacqua ping as approve	tyle and rails under pro- r polishing to show the and directed by the	roper pres e grains c	ssure	i/c the cost o properly, san	f d					
23	12	52	D-1	1 solid flush a	1.00	2.25 f 2 5 mm thick [Deodar/Ash/Oak ply w	7.00		15.75 15.75	Sft	15.75	Sft	1	402.05	6,332.2
			embedding hold a) single rebate						, or tal							
22	12	16	SWG welded wit	h M.S. flat	6"x 1¼" x 1/8" (15	50 mmx30mmx3	rs, windows, C. windo mm) M.S. holdfast 9": ng chowkat with ceme	x1"x1/8" (225m	mx25mmx3m						
			2nd coat 2nd coat								Sft Sft	18.00 18.00		100 100	2,101.80 2,101.80	378.3 378.3
							Νε	et Total	=	18.00	Sft	18.00	Sft	100	3,651.00	657.1
											Sft					
			a) new surface: Out side							18.00	Sft					

						MRS,	1st BI-A	NNUA	L - 2023	(01-	01-2023 t	o 30-	06-2023)DI	STRIC	TJHELUM				
Sr	M	RS																	Amount
51 10	1st.2	2023					DE	SCR	PTION						Qty		Unit	Rate	Anount
	Ch.	ltem														1			Rs.
1	18	27	Providing, fab diameter, inclu of specified de engineer incha	uding th epth and	ie cost c	of clar	mping arr	anger	nents, top	o cov	er, hold fa	ists, F	PCC 1:2:4 foo	oting					
			(c) 4 inch dian	•	ooting 1	.5'x1.	5'x6')												
			Quantity	Vertic	cal		2.00	х	16.00	х	22.00	ft	704.00	Rft					
				Horiz	contal		1.00	х	2.00	х	110.00	ft	220.00	Rft					
				Horiz	contal		1.00	х	2.00	х	55.00	ft	110.00	Rft					
				Gate			1.00	Х	1.00	х	10.00	ft	10.00	Rft					
							1.00	Х	1.00		3.00	ft	3.00	Rft					
													1,047.00	Rft	1,047.00	Rft	1	2,043.80	2,139,858.0
			Toe Wall Excavation in	foundat	tion of h	uildin	a bridae	s and	other stri	icture	with exc	avate	d earth wate	ring					
2	3	21.aii	and ramming									avalc	d cartif, wate	ang					
			a) By Manual	ii) in ora	dinony cy	oil													
			a) Dy Mariuar	n) in orc	unary so	JII.													
			9" walls	1 x	2.00	х	110.00	х	2.50	х	2.25	=	1,237.50	Cft					
				1 x	2.00	х	55.00	х	2.50	х	2.25		618.75						
														_					
											Total	=	1,856.25	Cft	1,856.25	Cft	1000	13,046.90	24,218.
									. .	_									
3	6	5.i	Cement concr screening and	-			-	-	ting, finish	ning a	and curing	l com	plete (includi	ng					
			(i) Ratio 1:4:8)		- J		55-57												
			9" walls	′ 1 x	2.00	х	110.00	х	2.50	х	0.25	=	137.50	Cft					
				1 x			55.00		2.50		0.25		68.75	Cft					
														On					
											Total	=	206.25	Cft	206.25	Cft	100	28,513.19	58,808.
4	7	4	Pacca brick w	ork in fo	oundatic	on an	d plinth in	:-i) Ce	ement, sa	nd m	ortar:-								
			Ratio 1:4)																
			1st step																
			Toe Wall	1	2.00		110.00	х	0.75	х	3.00	=	495.00	Cft					
				1	2.00		55.00	х	0.75	х	3.00	=	247.50	Cft					
										N	et Total	=	742.50	Cft	742.50	Cft	100	32,454.60	240,975.4
			FLOOR																
5	7	30	Supplying and	l filling s		der fl	-	ugging	-										
				1	1.00		110.00		55.00		0.50		3,025.00	Cft					
											Total	_	3,025.00	Cft	3,025.00	Cft	100	2,862.00	86,575.
															3,025.00	Cit	100	2,002.00	00,575.5
5	10	3	Providing, layi with 25% sand	-	-		-				(40 mm to	o 50 n	nm) gauge m	Ixed					
				1	1.00		110.00		55.00		0.33		1,996.50	Cft					
				I	1.00		110.00		00.00		0.00		1,000.00	On					
											Total	=	1,996.50	Cft	1,996.50	Cft	100	10,256.50	204,771.0
7	6	5f	Cement concr	ete plai	in includ	ling p	lacing, co	mpac	ting, finis	hing		g con			.,				
'	0		screening and		ng of sto	one ag	ggregate)	:											
			(f) Ratio 1: 2:4	ļ															
				1	1.00		110.00		55.00		0.33		1,996.50						
				1									-	Cft					
											Total	=	1,996.50	Cft	1,996.50	Cft	100	37,614.70	750,977.4
8	N	/S	Wire netting ir	ncluding	g posts a	and g	ate as pe	r drav	/ings										
			Lon side		2.00		110.00				20.00		4,400.00						
			Short side		2.00		55.00				20.00		2,200.00						
			Тор		1.00		110.00				55.00		6,050.00						
				<u>۱۵ ୦୫ (</u>	0.00	~ \	follerst	iole "		Total		=	12,650.00	Sft	12,650.00	Sft	1	75.00	948,750.0
9	1	1	Carriage of 10 (unslaked), su by the contrac	rkhi, etc		-								ned					
			Lood	0	105	00	fre	m M-	raelle Liii	e ~···	anv								
			Lead upt		135 1 No	.00	tro 3.00		rgalla Hill 206 25	-	-	-	195.46	Ctt					
			Pcc 1.4.8 :as	Jei ilem	I INU.		3.00	=	206.25	x Total	0.95	=	195.46 195.46		195.46	Cft	100	7,585.75	14,827.2
										, Jial		-	130.40	UIL	130.40		Total	1,000.10	PKR 4,469,76
	1																Say		PKR 4,469,8

DETAILED DESIGN OF INFRASTRUCTURE SUB - PROJECTS SECTOR CONSTRUCTION OF KALA GUJRAN PARKS IN JHELUM CITY

Rate Analysis for providing and laying Pea Gravel

MRS, 1st BI-ANNUAL - 2023 (01-01-2023 to 30-06-2023) DISTRICT JHELUM

Describtion	Unit Ra	te (British System)	per 100 Cft
Describtion	Qty	Rate per Unit	Amount (Rs)
Material			
Harrow sand @ Rs. 7800/100 cft	100	78.00	7,800.00
20% bulking marging		0.20	1,560.00
		Total	9,360.00
Labour			
Coolies un-skilled	3 - Nos.	1050	3,150.00
		Total	3,150.00
Total labour + material			12,510.00
20% Contractor's O.H. & Profit	Rs.	0.20	2,502.00
Total for 100 Cft			15,012.00
Composite rate per 100 Cft			15,012.00
Composite rate per Cft	Rs.	150.12	150.12

			DETAILE	D DESIGN OF INFRASTRUCTURE SUB - PROJ	ECTS SE	CTOR		
			PLAN	NING & RESIDENT SUPERVISON IN 16 CITIES	OF PUN	JAB		
			CON	ISTRUCTION OF KALA GUJRAN PARKS IN J		ITY		
				RATE ANALYSIS - SWEET SOIL				
	trict :	Jhelum		UNIT = 1 Cft				
(City :	Jhelum				Lead :	3.00	
	МІ	RS						
S.NO		SR.NO		ITEM DESCRITION	UNIT	RATE	AMOUNT	EMAR
			A) <u>SUPPLY</u>	OF GOOD EARTH / SWEET SOIL				
1	3	6	Supply of	good earth(MRS =770 per 100 cft)	1000 Cft	7.7	7,700.00	
				SUB - TOTAL (A)			7,700.00	
			B) <u>DRESSIN</u>	<u>G & LEVELLING</u>				
			Dressing	and levelling of earth work to desing section				
2	3	18 - a	a) Ashes, sa	nd, silt or soft soil	1000 Cft	356.95	356.95	-
				SUB - TOTAL (B)			356.95	+
2	3			on of earth all types when the total distance, including		4,472.30	4,472.30	
				330 ft. (100 m) additional lead or part thereof, beyond $1600^{-1} = 1200^{-1} \div 100^{-1} = 12$ 36.9 = 442.2				
				$\frac{1}{3000}$ + $\frac{1}{1400}$ + $\frac{1}{4}$ + $\frac{1}{1400}$ + $\frac{1}{4}$ + $\frac{1}{100}$ + \frac				
				1,574.45	1000 Cft	1,574.45	1,574.45	
				SUB - TOTAL (B)			6,046.75	
				TOTAL (A+B+C)			14,103.70	-
				COMPOSITE RATE FOR 1000 CFT			14,103.70	
				COMPOSITE RATE PER CFT			14.10	

			DETAI	LED DESIGN OF INFRASTRUCTURE SUB - PROJE	CTS SECT	OR		
			PL	ANNING & RESIDENT SUPERVISON IN 16 CITIES O	OF PUNJA	В		
				SUB PROJECT - SECTOR ROAD				
		1		RATE ANALYSIS - Regular Earth / Soil				
Dis	trict :	Jhelum		UNIT = 1 Cft				
	City :	Jhelum				Lead :	3.00	K
	NA I	RS			1			1
S.NO	CHAP.			ITEM DESCRITION	UNIT	RATE	AMOUNT	EMARK
		U						
			A) <u>REGULA</u>	R EXCAVATION DRESSED.				
1	3	6	Regular e	xcation dressed.	1000 Cft	5726.7	5,726.70	
				SUB - TOTAL (A)			5,726.70	
			-	L UPTO 3 KM				
2	3	17		on of earth all types when the total distance, including pred in the item of work, is more then 1000 ft. (200 m) ile (400 m).		4,472.30	4,472.30	
				330 ft. (100 m) additional lead or part thereof, beyond 1600-1200 + 100 = 12 36.9 = 442.2				
				$\frac{100}{4}$ mile (400 m) additional lead or part thereof, beyond $\frac{100}{3000-}$ = 1400 \div 400 $=$ 3.50 324 = 1,132.25				
				1,574.45	1000 Cft	1,574.45	1,574.45	
				SUB - TOTAL (B)			6,046.75	1
				TOTAL (A+B)			11,773.45]
				COMPOSITE RATE FOR 1000 CFT			11,773.45	
				COMPOSITE RATE PER CFT			11.77	

		ESTABLIS	IMENT O		EXTERN/ ENGIN	AL PUBL IEER'S C	IC HEA	D HOSPITA LTH WORF STIMATE ATER TAN	K	ISTRICT BA	HAWALNA	AGAR		
Sr. No.	1st Bi- Annual, 2023			Descri	ption					Qty.	Unit	Unit	Unit Rate (Rs.)	Amount (Rs.)
	<u>A</u>	SCHEDULE ITEMS												
		EXCAVATION UGWT												
1	3/42 Page - 32	Earthwork excavation in correct section and dime water in all type of soil ex	nsions acc	cording to t	emplates a			•						
		i) 0 to 7 ft depth												
		Under Ground Water Ta	nk	1	29.66	23.66	7.00	4,912.29	Cft					
		Valve Chamber		1	12.34	6.17	5.74	437.03	Cft					
		Plinth Protection Wall		1	104.00	1.50	2.33	363.48	Cft					
								5,712.80	Cft	5,712.80	1,000.00	Cft	12,836.55	73,332.6
		ii) 7 to 15 ft. depth												
		Under Ground Water Ta	٦k	1	29.66	23.66	2.75	1,929.83	Cft					
								1,929.83	Cft	1,929.83	1,000.00	Cft	18,457.30	35,619.4 ⁻
		BRICK OR STONE BAL	LAST											
2	6/2 Page - 41	Dry rammed brick or stor	ne ballast,	1½" to 2"(40 mm to	50 mm) g	gauge.							
		Under Ground Water Ta	hk	1	29.66	23.66	0.50	350.88	Cft					
								350.88	Cft	350.88	100.00	Cft	9,900.00	34,736.90
		PLAIN CEMENT CONC	RETE						0.1			<u> </u>	0,000100	0 .,. 00.0
3	6/5 Page - 41	Cement concrete plain in (including screening and	•	-		nishing ar	nd curing	g complete						
	(i)	P.C.C 1:4:8												
		UGWT		1	29.66	23.66	0.33	231.58	Cft					
		Valve Chamber		1	12.34	7.67	0.33	31.23	Cft					
		Plinth Protection Wall		1	104.00	1.50	0.33	51.48	Cft					
		Plinth Protection Floor		1	104.00	2.25	0.33	77.22	Cft					
								391.51	Cft	391.51	100.00	Cft	28,513.90	111,635.6
	(f)	P.C.C 1:2:4												
		Under Valve		2	3.33	3.00	1.00	19.98	Cft					
		REINFORCED CEMENT	CONCRE	TE				19.98	Cft	19.98	100.00	Cft	37,614.70	7,515.4
4	6/6/a/(ii)2 Page - 42	(a) (ii) Reinforced cemen and retaining walls; etc a (i) above not requiring fo (2) Type B (nominal mix	nd other s rm work (i	tructural m	embers ot	her than t	those m	entioned in	5(a)					
		Bottom Slab		1	29.00	23.00	1.50	1,000.50	Cft					
		Valve Chamber		1	11.68	7.67	0.67	60.02						
		Chamfer	2	0.50	24.00	0.50	0.50	6.00						
			2	0.50	18.00	0.50	0.50	4.50						
		Pump Foundation		2.00	3.00	0.33	1.00	1.98						
								1,073.00	Cft		1.00	Cft	512.25	549,645.4
5	6/6/a/(i)/2 Page - 42	structural members laid i situ, complete in all respe Type B (nominal mix 1: 1	n situ or pi ects,					rders and o	ther					,
		UGWT												
		Long Walls		2	26.00	1.00	7.67	398.84	Cft					
		Short Walls		2	18.00	1.00	7.67	276.12	Cft					
		Valve Chamber						-						
		Long Walls		1	10.34	0.67	4.75	32.91	Cft					
		Short Walls		2	6.00	0.66	4.75	37.62	Cft					
		Tank Top Slab.		1	26.00	20.00	0.50	260.00	Cft					

		ESTABLISH		- 200 D					-		HAVVALINA	AGAR		
					ENGI	NEER'S C	COST E	STIMATE						
					1.6 - UNE	DER GRO		ATER TAN	K					
Sr. No.	1st Bi- Annual,			Desc	cription					Qty.	Unit	Unit	Unit Rate (Rs.)	Amount (Rs.)
	2023	Valve Chamber Top Slab		1	10.34	6.67	0.50	34.48	Cft				(13.)	(13.)
		Colums		2	1.50	1.00	10.00	30.00						
		Chamfer	4	1	0.50	0.50	8.17	4.09						
								1,074.06	Cft	1,074.06	1.00	Cft	621.65	667,686.8
		CRUSH CARRIAGE												
	1/1 Page-3	Carriage of 100 cft. (2.83 (unslaked), surkhi, etc.	cu.m) of a	all mater	ial like stone	, aggrega	ate, spav	wl, kankar li	me					
		Ratio (1:2:4)			19.98	0.88		17.58	Cft			Cft		
		Ratio (1:4:8)			391.51	0.95		371.03	Cft			Cft		
		Ratio (1:1-1/2:3)			2,147.06	0.84		1,803.53	Cft			Cft		
								2,192.15	Cft	2,192.15		Cft	7,585.75	166,290.6
0		FABRICATION OF REIN												
6	Page - 44	Fabrication of mild steel r laying in position, making charges for binding of ste ('c) Deformed bars (Grad	joints and el reinforc	fasteni	ngs, includin	g cost of	binding	wire and la	g, bour					
		Total Concrete Qty			2,147.06	Cft								
				@		Kgs/Cft		9,661.76	Kg					
								9,661.76	Kg	9,661.76	100.00	Kg	31,945.90	3,086,536.9
		WALL PLASTER							•					
7	11/8 (b) Page - 74	Cement plaster 1:3 upto 2	20' (6.00 m	n) heigh	t, ½" (13 mm	n) thick.								
		Walls Out sides		2	26.00		8.17	424.84	Sft					
				2	20.00		8.17	326.80	Sft					
		Valve Chamber		2	6.67		5.50	73.37	Sft					
		Inner		2	24.00		7.67	368.16	Sft					
				2	18.00		7.67	276.12	Sft					
		Valve Chamber		2	6.00		4.75	57.00	Sft					
				1	9.00		4.75	42.75						
								1,569.04	Sft	1,569.04	100.00	Sft	3,635.05	57,035.3
		SLAB PLASTER												
8	11/10(b)	Cement plaster 3/8" (10 r	nm) thick i	inder so	offit of R C C	roof slal	hs only	unto 20' he	iaht					
	Page - 74	Ratio 1:3			5111 01 14.0.0	. 1001 3141	os only,		igin,					
		Under Soffit		1	24.00	18.00		432.00	Sft					
		Valve Chamber Slab		1	9.00	6.00		54.00	Sft					
								486.00	Sft	486.00	100.00	Sft	3,960.25	19,246.8
		MILED STEEL RUNGS												
9	21/13 Page-130	Providing and fixing 1¼"> chambers, Manholes & H setting the same in work	louse Serv	ices Co	nnection Cha									
				2	7.00			14.00	No.					
								14.00	No.	14.00	1.00	No.	610.75	8,550.5
10	19 - 40 (iii)	CAST IRON MANHOLE	COVER											
10		Supply and fitting of cast dia	iron manh	ole cove	er with frame	, etc. con	nplete.	iii) 60 cm (2	24")	2.00	1.00	No	2,426.30	4,852.6
		BITUMEN COATING								2.00			_, 120.00	1,002.1
11	9-46	Providing and applying to thickness (made of Roo over ps-6 primer i/c pr approved and directed by ii) 4 mm thick	f-Grip/ Eur reparation/	ro Bit) (smooth	duly lapped/o en the surf	connected	d by he	ating with ⁻	Forch					
	1	111) 4 11111 UIICK												

		ESTABLISHME	NI OF 200 BE	EXTERN ENGIN	AL PUBL IEER'S C	IC HEA		‹	ισι κις Ι ΒΑ	ΠΑΨΨΑΓΝΑ	NGAK		
Sr. No.	1st Bi- Annual, 2023		Desc	ription					Qty.	Unit	Unit	Unit Rate (Rs.)	Amount (Rs.)
			1	12.34	7.67		94.65	Sft					
		External Sides	2	26.00		11.17	580.84	Sft					
			2	20.00		11.17	446.80	Sft					
		Valve Chamber	2	6.67		6.42	85.64	Sft					
							1,874.93	Sft	1,874.93	1.00	Sft	119.75	224,522.9
10	26/37/ii	POLYTHEEN SHEET					_						
12	Page - 176	Supplying and laying polythen [ii] 500 gauge (.005" thick)	e sheet over D).P.C. under	floors an	nd on roo	ofs, etc.		4.074.00	4.00	0.0	0.05	
		MOSAIC FLOORING							1,874.93	1.00	Sft	8.65	16,218.1
13	10/22/a	11/"(40 mm) thick massic float	oring consisting	a of ¹ /- "(13)	mm) mos	aic tonn	ing of one r	part					
	Page - 70	of cement and marble for pan chips, laid over 1"(25 mm) this polishing complete with finishi	elling, as powo ck floor of 1:2:4	ler in the rat	io of 3:1 a	and two	parts of ma	arble					
		Flooring	1	24.00	18.00		432.00	Sft					
							432.00	Sft	432.00	100.00	No.	21,588.10	93,260.5
	40/07/ //:	DADO SKIRTING											
14	10/37/a/ii Page - 72	Naccio dodo or okirting with a	, laid over $\frac{1}{2}$ "(13 mm) thic	k cement	plaster ⁻	1:3, includir	ng					
			2	24.00		7.67	368.16	Sft					
			2	18.00		7.67	276.12	Sft					
			2	6.00		5.00	60.00	Sft					
			2	9.00		5.00	90.00	Sft					
							794.28	Sft	794.28	100.00	No.	23,264.50	184,785.2
15	6/31 Page - 47	WATER STOPPER Providing embeding 10" (250 expansion joints of R.C.C. roo	,	· ,		vater sto	pper in						
		Horizontal	2	25.00			50.00	Rft					
			2	19.00			38.00	Rft					
			2	6.67			13.34	Rft					
			2	9.67			19.34	Rft					
		Vert					120.68	Sft	120.68	1.00	Rft	310.20	37,434.9
		BRICK WORK IN FOUNDAT	ION										.,
16	7/4/i Page - 53	Pacca brick work in foundatio	n and plinth in:	- Cement, s	and mort	ar:- Rati	o 1:4						
	ruge ee	Plinth Protection Wall	2	29.00									
			2	23.00	0.75	2.00	87.00						
			2	6.67	0.75	2.00	69.00						
			Z	0.07	0.75	2.00	20.01 176.01		170.01	100.00	C #	20.454.00	
		SAND FILLING					170.01	Cft	176.01	100.00	Cft	32,454.60	57,123.3
17	7/30	Supplying and filling sand und	ler floor: or plu	aaina in wel	ls								
	Page 58		2	29.00		0.00	57.40	0"					
			2	23.00	3.00	0.33	57.42						
			2	6.67	3.00 3.00	0.33	45.54						
			-	0.01	3.00	0.33	13.21 116.17	Cπ Cft	116.17	100.00	Cft	2,982.00	3,464.0
								υı	110.17	100.00	OIL	2,902.00	3,404.U
		IUFF PAVERS											
18	10/41/b Page 72	TUFF PAVERS Providing and laying Tuff p manufacturer, over 2" to 3" s require slope. complete in all t b) 60-mm thick	and cushion i/	c grouting v	vith sand	in joint							
18		Providing and laying Tuff p manufacturer, over 2" to 3" s require slope. complete in all	and cushion i/	c grouting v	vith sand	in joint		ng to					

				200 BEI	EXTERN ENGII	AL PUBI NEER'S (LIC HEA COST ES	LTH WOR STIMATE ATER TAN	ĸ	STRICT BA	HAWALNA	AGAR		
Sr. No.	1st Bi- Annual, 2023			Descr	iption					Qty.	Unit	Unit	Unit Rate (Rs.)	Amount (Rs.)
				2	6.67	3.00		40.02	Sft					
								352.02	Sft	352.02	1.00	No.	157.40	55,407.9
		FABRICATION OF HEAVY	STEEL	WORK										
19	25 - 10 & 11 Page - 168	Fabrication of heavy steel w making trusses, girders, tan assembling and fixing.(inclu	ks, etc.,	including	g cutting, d	rilling, rev			for					
		Girder Flenge	2	20.00	1.50	0.03	1.97							
		Girder Web	1	20.00	1.50	0.05	1.48							
		Total Cft					3.44							
				@	490.00	1	2.20	765.67	Kg					
		Opening 2 Nos												
		1.5" x 1.5" x .375" Angle	2	2	4.00		8.00							
			2	2	3.00		6.00							
		Total Rft					14.00							
				14	0.02		0.22							
				@	490.00	1	2.20	48.62	Kg					
				-				814.29	Kg	814.29	100.00	Kgs.	34,808.35	283,440.2
									ivg	014.20	100.00	rtgs.	04,000.00	200,440.2
		SLUICE (GATE) VALVE												
		of all accessories flanges,nu approved and directed by th (b) Flange Ended Ductile I ii) 4 Inch dia	e Engin ron Valv	eer Incha					dS	2.00	1.00	Each	19,931.30	39,862.6
04	22 / E4h 0	NON RETURN / CHECK V/												
21	23/540-9	Providing and fixing heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK) or Scon (Pakistan) i/c th cost of all accessories flanges,nut/bolt and gaskit where required complete in all respe- as approved and directed by the Engineer Incharge.							al for					
		-	the En	gineer In	askit wher	e require		Pakistan) i	c the					
		as approved and directed b	the En	gineer In	askit wher	e require		Pakistan) i	c the	2.00	1.00	Each	33,697.30	67,394.6
		as approved and directed b (b) Flange Ended Ductile Irc i) 4 Inch dia CHAIN PULLY	y the Englin Valve	gineer Ind	askit wher charge.		d comple	Pakistan) i	c the spect	2.00	1.00	Each	33,697.30	67,394.6
22	23-62	as approved and directed b (b) Flange Ended Ductile Irc i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I	y the Englin Valve Pulley Bl	gineer Ind	askit when charge. ton capacit	ty with 5	d comple meter ler	Pakistan) in ete in all re	in, as	2.00	1.00	Each	33,697.30	67,394.6
22	23-62	as approved and directed b (b) Flange Ended Ductile Irc i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge	y the Englin Valve Pulley Bl	gineer Ind	askit when charge. ton capacit	ty with 5	d comple meter ler	Pakistan) in ete in all re	in, as	2.00	1.00	Each Each	33,697.30 32,586.00	
		as approved and directed b (b) Flange Ended Ductile Irc i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE	y the En n Valve Pulley Bl comple	gineer Ind ock of 5 t te in all	askit when charge. ton capacit respect ar	ty with 5 nd as ap	d comple meter ler proved l	Pakistan) i ete in all re ngth of cha by the Eng	íc the spect in, as jineer					
22 23	23-62 23-21	as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo	y the En In Valve Pulley Bl comple	gineer Ind ock of 5 t te in all	askit when charge. ton capacit respect ar	ty with 5 nd as ap ng cast ir	neter ler proved b	Pakistan) in ete in all re ngth of cha by the Eng bipe line (B	íc the spect in, as jineer					
		as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo 2035) in trenches, with flang	y the En In Valve Pulley Bl comple	gineer Ind ock of 5 t te in all	askit when charge. ton capacit respect ar	ty with 5 nd as ap ng cast ir	neter ler proved b	Pakistan) in ete in all re ngth of cha by the Eng bipe line (B	íc the spect in, as jineer	1.00	1.00	Each	32,586.00	32,586.0
		as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo	y the En In Valve Pulley Bl comple	gineer Ind ock of 5 t te in all	askit when charge. ton capacit respect ar	ty with 5 nd as ap ng cast ir	neter ler proved b	Pakistan) in ete in all re ngth of cha by the Eng bipe line (B	íc the spect in, as jineer					32,586.0
		as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo 2035) in trenches, with flang i) 4 Inch dia pipe	y the En on Valve Pulley Bl comple inting, te	gineer Ind ock of 5 t te in all	askit when charge. ton capacit respect ar	ty with 5 nd as ap ng cast ir	neter ler proved b	Pakistan) in ete in all re ngth of cha by the Eng bipe line (B	íc the spect in, as jineer	1.00	1.00	Each	32,586.00	67,394.6 32,586.0 27,402.3
		as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo 2035) in trenches, with flang	y the En on Valve Pulley Bl comple inting, te	gineer Ind ock of 5 t te in all	askit when charge. ton capacit respect ar	ty with 5 nd as ap ng cast ir	neter ler proved b	Pakistan) in ete in all re ngth of cha by the Eng bipe line (B	íc the spect in, as jineer	1.00	1.00	Each	32,586.00	32,586.0 27,402.3
	23-21	as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo 2035) in trenches, with flang i) 4 Inch dia pipe Total Schedule Items (Rs.	y the En on Valve Pulley Bl comple inting, te	gineer Ind ock of 5 t te in all	askit when charge. ton capacit respect ar	ty with 5 nd as ap ng cast ir	neter ler proved b	Pakistan) in ete in all re ngth of cha by the Eng bipe line (B	íc the spect in, as jineer	1.00	1.00	Each	32,586.00	32,586.0
		as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo 2035) in trenches, with flang i) 4 Inch dia pipe Total Schedule Items (Rs.	y the En on Valve Pulley Bl comple inting, te	gineer Ind ock of 5 t te in all	askit when charge. ton capacit respect ar	ty with 5 nd as ap ng cast ir	neter ler proved b	Pakistan) in ete in all re ngth of cha by the Eng bipe line (B	íc the spect in, as jineer	1.00	1.00	Each	32,586.00	32,586.0 27,402.3
	23-21	as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo 2035) in trenches, with flang i) 4 Inch dia pipe Total Schedule Items (Rs.	y the En on Valve Pulley Bl comple inting, te	gineer Ind ock of 5 t te in all	askit when charge. ton capacit respect ar	ty with 5 nd as ap ng cast ir	neter ler proved b	Pakistan) in ete in all re ngth of cha by the Eng bipe line (B	íc the spect in, as jineer	1.00	1.00	Each	32,586.00	32,586.0 27,402.3
	23-21	as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo 2035) in trenches, with flang i) 4 Inch dia pipe Total Schedule Items (Rs.	y the En on Valve Pulley Bl comple inting, te jed and) = "A" ing and timporte th follow o, suppo	gineer Ind ock of 5 t te in all esting and flanged jo flanged jo flanged jo flanged jo flanged jo flanged jo flanged jo flanged jo flanged jo	askit when charge. ton capacit respect an d disinfection bints, comp bints, co	ty with 5 nd as ap ng cast ir plete in al nersible p S-304) S nd acces ipe, Pipe	meter ler proved b on ditto p l respect ump 0.2 bubmersil sories, M Increase	Pakistan) i ete in all re ogth of cha by the Eng bipe line (B s: bipe line (C s: bipe line (B s: bipe line (C s: bipe line (C	/c the spect in, as jineer S-	1.00	1.00	Each	32,586.00	32,586.0 27,402.3 5,945,589.0
23	23-21 <u>B</u>	as approved and directed b (b) Flange Ended Ductile Ird i) 4 Inch dia CHAIN PULLY Providing and fixing Chain I per required specifications Incharge CAST IRON PIPE Providing, laying, cutting, jo 2035) in trenches, with flang i) 4 Inch dia pipe Total Schedule Items (Rs. NON-SCHEDULE ITEMS SUBMERSIBLE PUMP Supply, testing, commission Head 150 feet, V.F.D based running and one standby wi bracket for pump installation Tee Bend Elbow, riser Pipe	y the En on Valve Pulley Bl comple inting, te jed and) = "A" ing and timporte th follow o, suppo	gineer Ind ock of 5 t te in all esting and flanged jo flanged jo flanged jo flanged jo flanged jo flanged jo flanged jo flanged jo flanged jo	askit when charge. ton capacit respect an d disinfection bints, comp bints, co	ty with 5 nd as ap ng cast ir plete in al nersible p S-304) S nd acces ipe, Pipe	meter ler proved b on ditto p l respect ump 0.2 bubmersil sories, M Increase	Pakistan) i ete in all re ogth of cha by the Eng bipe line (B s: bipe line (C s: bipe line (B s: bipe line (C s: bipe line (C	/c the spect in, as jineer S-	1.00	1.00	Each Rft	32,586.00	32,586.0 27,402.3 5,945,589.0

DETAILED DESIGN OF INFRASTRUCTURE SUB-PROJECT CONSTRUCTION OF NEW PARKS IN JHELUM CITY ABSTRACT OF COST - ELECTRICAL NETWORK KALA GUJRAN PARK JHELUM

Sr. No.	Description	Amount
1	Kala Gujran Park Electrical Works	8,787,770
2	Kala Gujran Park External Lighting Civil Works	-
	TOTAL	8,787,770

1NSSuppole lum2NSSuppole mm mm box four324/68/a/iSup dip 1500 help 05324/68/a/iSup rag Sup rag4NSSup rag sup four524/86/a/iiSup rag sup four524/86/a/iiSup rag6NSSup rag g6NSSup rap phan the rep determent	Description (Schedule items based on MRS, 1st -Bi-Annual 2023 period District Jhelum) ESSORIES	Unit	Qty	Rate	Amount
IINSIum2NSSup2NSSup324/68/a/iSup324/68/a/iSup4NSSup524/86/a/iiSup524/86/a/iiSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup6NSSup7SupSup7 </th <th></th> <th></th> <th></th> <th>(Rs.)</th> <th>(Rs.)</th>				(Rs.)	(Rs.)
1NSSupport2NSSupport2NSSupport324/68/a/iSup324/68/a/iSup4NSSup524/86/a/iiSup524/86/a/iiSup6NSSup6NSSup6NSSup6NSSup					
2NSpole mm mm box four324/68/a/iSup dip 150 	upply & installation of 12 m high octagonal (hot dip) galvanized steel pole with circular ring type top 6 Nos Iminaire arrangement, base plate, J-rag bolts, etc.	. Each	3	168,000.00	504,000
3 24/68/a/i dip 150 hely cos as a Sin 4 NS Sup rag 5 24/86/a/ii 6 A SUB HEAD 2: LUMINAIRES 6 NS Sup app hard the rep determines	upplying, installation testing, and commissioning of a 10-meter 4-arm Octagonal shape electric street light ole, made of hot dipped 4.5 mm thick (7 SWG) galvanized steel, tapered from 225 mm at the bottom to 100 mm at the top, with 1000 mmx60 mm dia. arm for luminaire installation, duly G.I.welded with 400x400x20 mm base plate with the help of 4 no triangular stiffeners 100x350x20 mm of GI sheet, with built-in junction ox with shutter,i/c the cost of nuts & J-rag bolts, duly fixed in pre-laid the concrete foundation, the bundation will be paid additionally as approved and directed by the Engineer Incharge.	Each	6	87,600.00	525,600
4 NS rag 5 24/86/a/ii Sup 5 24/86/a/ii 6 A SUB HEAD 2: LUMINAIRES Sup 6 NS Sup 6 NS rag	upplying, installation testing, and commissioning of Octagonal shape electric street light pole, made of ho ipped 4.5 mm thick (7 SWG) galvanized steel ,tappered from 225 mm at bottom to 100 mm at the top, with 500 mmx60 mm dia. arm for luminaire installation, duly G.I.welded with 470x470x20 mm base plate with the elp of 4 no triangular stiffeners 100x350x20 mm of GI sheet, with built-in junction box with shutter,i/c the ost of nuts & J-rag bolts, duly fixed in pre laid concrete foundation, the foundation will be paid additionally s approved and directed by the Engineer Incharge.	n e e Each	3	116,325.95	348,978
5 24/86/a/ii Support 5 24/86/a/ii 6 A SUB HEAD 2: LUMINAIRES Support	upply & Installtion of 6-Feet high post top decorative pole, along with luminaire, base plate, foundation, J- ag bolts and earthing etc.	- Each	15	26,400.00	396,000
SUB HEAD 2: LUMINAIRES Sup app hard the rep determine	upply, installation, testing, and commissioning of MCB for Pole connection plate for luminaire for switching.	Each	39	1,184.45	46,193.55
6 NS det					
	upply & Installation of LED Luminaries Floodlights of (Make Philips), (Make Thorn) (Make GE) of pproved equivalent fully IP 65 with corrosion-resistant die-cast aluminum housing, silicon gas kit, thermally ardened glass complete with LED drivers, surge protection and all accessories/ components required for the proper operation of the system. The luminaries shall be fully flexible for future upgrades and easy eplacements for maintenance purposes. The contractor is to submit lighting design calculations to tetermine the adequacy of the wattage and should adjust the number of LEDs/wattage as per projec ghting requirements.	/ r / o			
200	00 Watts	Each	12	108,240.00	1,298,880
7 24/69/a/v mal pur a) 1	upplying, installation and commissioning of LED Cobra-head Luminaries of specified wattage and lumens onforming to IP66 & IK08 or above Philips / Osram / Thorn or equivalent with corrosion resistant die casted luminum housing, silicon gas ketin special groove,UV stable & scratch resistant synthetic materials nermally hardened glass complete with LED Chip (Philips Lumiled / Cree / Nichia / Osrammake or quivalent), programmable LED driver (Harvard / TCI / Lumotech / Philips / VOSSLOH Schwabe /Lightech nake or equivalent), minimum 10 kV surge protection rating i/cthe cost of all accessories / components equired for properoperation ,fully flexible forfuture upgradation and easy replacements for maintenance urposes ,bucket elevator charges as approved and directed by the Engineer Incharge.) 140 Lm/Watt. /) 120 Watt with 16800 Lumens	d , r n s Each	27	60,061.10	1,621,650
SUB HEAD 3: POWER CABLES					
8 24/13/c/vi Sup c)P	upply and erection of copper conductor cables for service connection, in prelaid pipe/G.I . wire/trenches tc. (rate forcable only):-)PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable:- ii) 10 mm (7/0.052'')	, Rft	1700	525.75	893,512
9 24/13/a/iii a) F	upply and erection of copper conductor cables for service connection, in prelaid pipe/G.I wire/trenches tc. (rate for cable only):-) PVC insulated, PVC sheathed twin-core, 250/440 volts. i) 7/0.74 mm (7/0.029'')	, Rft	3119	93.90	292,827
10 24/13/c/viii etc. c)P	upply and erection of copper conductor cables for service connecti on, in prelaid pipe/G.I . wire/trenches tc. (rate forcable only):-)PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable:- ii) 25 mm (19/0.052")	, Rft	480	1,301.65	624,792.00
11 24/7/iii pull iii) [,]	upply and erection of PVC pipe for surface wiring (main and sub-main) including clamps, inspection boxes ull boxes bends etc., complete with all specials:-) 100 mm i/d	, Rft	2,999	285.05	854,751
SUB HEAD 4: LIGHTING CONT P/F Pov 12 24/90/a/i 12 24/90/a/i I 10 I 10	/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessded/Surface mounted Type)	,			

		ENGINEERING COST ESTIMATE FOR ELECTRICAL WORKS KALA GUJRAN PARK JHELUM EXTERNAL LIGHTING				
Sr. No.	MRS Ref. No.	Description	Unit	Qty	Rate	Amount
		(Schedule items based on MRS, 1st -Bi-Annual 2023 period District Jhelum)			(Rs.)	(Rs.)
13	24/87/a/i	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rat ing made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. a) Tripple Pole (i) 63 Amp (7.5 KA)		2	12,036.95	24,074
14	24/94/xv/b	Providing and fixing DB/Panel accessories of required rating and size i/c copper screws of approved brand Complete in all respect as approved and directed by the Engineer Charge. (xv) Magnetic Contactor (b) 40 A (AC 3)	Each	2	21,756.95	43,514
15	24/94/viii	Providing and fixing DB/Panel accessories of required rating and size i/c copper screws of approved brand Complete in all respect as approved and directed by the Engineer Incharge (viii) Control MCB S/P 6A (Make: Schneider/ Terasaki/ABB)	Each	2	1,266.95	2,534
16	24/94/x	Providing and fixing DB/Panel accessories of required rating and size i/c copper screws of approved brand Complete in all respect as approved and directed by the Engineer Incharge (x) Auto/Manual Switch 3-Steps (Make: GGT/Camsco)	Each	2	1,956.95	3,914
17	24/94/vi	Providing and fixing DB/Panel accessories of required rating and size i/c copper screws of approved brand Complete in all respect as approved and directed by the Engineer Incharge (vi) Push Button ON/OFF (Make: Schneider/Himal/Eqv.)	Each	2	480.80	962
18	NS	Photo Electric Switch Type (10 Amp)	Each	2	13,200.00	26,400
		Outgoing				
19	24/86	Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes, necessary wire complete in all respect as approved and directed by the Engineer Incharge.	Each			
19a	24/86/c/ii	Tripple Pole 20 Amp (6 KA) [4+2(spare)]	Each	6	7,236.95	43,422
19b	24/86/b/ii	Double Pole 40 Amp (6 KA) [2]	Each	2	3,614.45	7,229
SUB HEA	AD 5: MAIN DB-KA					
20	24/90/a/ii	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter,Volt Selector Switch,Ammeter selector switch,Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge a) 6" Deep (ii) 75~100A		5	14,499.95	72,500
		Incomming				
21	24/87/a/iv	Supplying, Installation, and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A /SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB/SWITZERLAND (with fixed Thermal-Magnetic Trip) in pre-laid DBs and Panels i/c the cost of screws, necessary wi re complete In all respect as approved and directed by the Engineer Charge.				
		Triple Pole 125 Amp (18 KA)	Each	1	25,356.95	25,357
		Outgoing	·I		·	
22	24/87	Supplying, Installation, and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A /SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB/SWITZERLAND (with fixed Thermal-Magnetic Trip) in pre-laid DBs and Panels i/c the cost of screws, necessary wire complete In all respect as approved and directed by the Engineer Charge.				
22a	a/ii	Tripple Pole (Lighting Control Panel) 100 Amp (10 KA)	Each	2	12,276.95	24,554
22b	a/ii	Tripple Pole (Cafeteria) 63 Amp (10 KA)	Each	1	12,276.95	12,277
22c	a/ii	Tripple Pole (Bathroom) 20 Amp (10 KA)	Each	1	12,276.95	12,277
22d	a/i	Tripple Pole (Badminton+Spare) 63 Amp (7.5 KA) [1+1]	Each	2	12,036.95	24,074
SUB HEA	AD 6: EARTHING					
23	24/70	Earthing of iron-clad/aluminum switches, etc. with G.I. wire No.8 SWG in G.I. pipe 15 mm (½") dia, recessed or on the surface of wall and floor, complete with 1.5 meters long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 meter below ground level, and 2 meters away from building plinth.		30	10,198.95	305,969
		TOTAL (Rs.)				6,363,117
		TOTAL (Rs.) Million PKR				6.363

	RATE ANALYSIS OF NON- SCHEDULE ITEMS OF ELECTRICAL WORKS KALA GUJRAN PARK JHELUM EXTERNAL LIGHTING												
BOQ Item#	DESCRIPTION	Qty	Unit	Unit Price PKR	Cost PKR	Contractor Profit	Amount	Total Cost /unit PKR	Total Cost PKR				
		q		а	b	с	d = a x c	e = a + d	f=qxe				
1	12meter Ring Type Pole	3	No.	140,000	420,000	20%	28,000.00	168,000	504,000				
2	10meter 4-Arm pole	6	No.	73,000	438,000	20%	14,600.00	87,600	525,600				
4	6 Feet Light Post	15	No.	22,000	330,000	20%	4,400.00	26,400	396,000				
6	200 watt Flood Light	12	No.	90,200	1,082,400	20%	18,040.00	108,240	1,298,880				
18	Photoelectric Switch	2	No.	11,000	22,000	20%	2,200.00	13,200	26,400				

ENGINEERING COST ESTIMATE FOR ELECTRICAL WORKS KALA GUJRAN PARK JHELUM BATHROOM										
Sr. No.	MRS Ref. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)				
		(Schedule items based on MRS, 1st -Bi-Annual 2023 period District Jhelum)			(1101)	(10)				
1	CH-24/3 iii)	Supply and erection of PVC pipe for wiring recessed in walls, floors, roofs including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. Make Beta, Dadex or equivalent								
		i) 25 mm	P.Rft	272	101.60	27,605				
	CH-24/11	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaid PVC pipes/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only):- Make Pakistan Cables, Newage Cables and Allied Cables or equivalnet								
2	i), iii)	i) 3/0.029"	P.Rft	314	27.10	8,509				
		iii) 7/0.029"	P.Rft	180	43.30	7,794				
3	CH-24-14-ii	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") 38.1 deep, with 4.75 mm thick (3/16") Bakelite sheet top, for to recessed wiring, including making holes for regulators, 38.7 switches, plugs, etc. 17.5 x 10 cm (7"x4")	No.	3	409.85	1,230				
4	CH-24/103-A ii)	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer, screws complete as approved and directed by the Engineer Incharge One way 5 Gange Switch (Large) Make: Clipsal or Legrand or equivalent.		3	1,026.00	3,078				
5	CH-24/102-A ii)	Providing and fixing Copper winded Exhaust fan with louver and shutter make Pak Fans, Royal Fans, G.F.C Fans or equivalent. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge Plastic Body 12" Sweep		4	3,380.85	13,523				
6	NS	Supply, installation, connecting, testing commissioning of 10 W LED Down Light Fixturesuitable (Imported)for 1100 lux, as per instruction of Engineer,surface mounted circular shape or equivalent or as perdirection of the Consultant/ Engineer Make: Philips, G.E, Thorn, Osram or equivalent		8	11,940.00	95,520				
7	NS	Supply, installation, connecting, testing commissioning of 5W LED Down Light Fixturesuitable (Imported)for 1100 lux, as per instruction of Engineer,surface mounted circular shape or equivalent or as perdirection of the Consultant/ Engineer Make: Philips, G.E, Thorn, Osram or equivalent	No	16	11,160.00	178,560				
8	NS	Supply, installation, connecting, testing commissioning of Vanity Light of 8W Fixturesuitable for 800lm, as per instruction of Engineer, tube (double ended) shape complete in all respect, Make: Philips, G.E, Thorn or equivalent as per the direction of the Consultant/ Engineer		2	2,400.00	4,800				
		TOTAL (Rs.)				340,619				
		TOTAL (Rs.) Million PKR				0.341				

ENGINEERING COST ESTIMATE (ELECTRICAL WORKS) RATE ANALYSIS OF NON- SCHEDULE ITEMS OF ELECTRICAL WORKS KALA GUJRAN PARK JHELUM BATHROOM

BOQ Item#	DESCRIPTION	Qty	Unit	Unit Price PKR	Cost PKR	Contractor Profit	Amount	Total Cost /unit PKR	Total Cost PKR
		q		а	b	с	d = a x c	e = a + d	f=qxe
6	10 W LED Downlight	8	No.	9,950	79,600	20%	1,990.00	11,940	95,520
7	5 W LED Downlight	16	No.	9,300	148,800	20%	1,860.00	11,160	178,560
8	Vanity Light	2	No.	2,000	4,000	20%	400.00	2,400	4,800

ENGINEERING COST ESTIMATE FOR ELECTRICAL WORKS KALA GUJRAN PARK JHELUM CAFETERIA

Sr. No.	MRS Ref. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
		(Schedule items based on MRS, 1st -Bi-Annual 2023 period District Jhelum)				
1	CH-24/3 i)	Supply and erection of PVC pipe for wiring recessed in walls, floors, roofs including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. Make Beta, Dadex or equivalent				
		i) 25 mm	P.Rft	1639	101.60	166,522
2	CH-24/11 i), iii)	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaid PVC pipes/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only):- Make Pakistan Cables, Newage Cables and Allied Cables or equivalnet				
	-,,,	i) 3/0.029"	P.Rft	1160	27.10	31,430
		iii) 7/0.029"	P.Rft	1100	43.30	47,63
3	c), iv)	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I . wire/trenches, etc. (rate for cable onl y):- c) PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable:- iv) 4 mm (7/0.036")	P.Rft	360	241.35	86,886
4	CH-24-14-ii	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") 38.1 deep, with 4.75 mm thick (3/16") Bakelite sheet top, for to recessed wiring, including making holes for regulators, 38.7 switches, plugs, etc. 17.5 x 10 cm (7"x4")	No.	16	409.85	6,558
5	CH-24/49	Supply and erection of 3/8" (10 mm) dia M.S. bar fan hook, placed at the time of casting of slab.	No.	3	75.00	22
6	CH-24/30	Supply and erection of ceiling rose, Bakelite.	No.	3	75.10	22
7	CH-24/81	Supply and fitting of regulator knob with shaft and plat of electric fan regulator.	No.	3	237.90	71
8	CH-24/103-A viii)	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches/sockets/dimmer made of Hi -Life/Bush/Schenider, screws complete as approved and directed by the Engineer Incharge (a) One way Gange Switch Small (viii) Three Pin Power Plug 15-32 Amp		10	818.40	8,18
9	CH-24/103-A ii)	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer, screws complete as approved and directed by the Engineer Incharge One way 5 Gange Switch (Large) Make: Clipsal or Legrand or equivalent.		7	1,026.00	7,18
10	CH-24/102-A ii)	Providing and fixing Copper winded Exhaust fan with louver and shutter make Pak Fans, Royal Fans, G.F.C Fans or equivalent. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge Plastic Body 12" Sweep		2	3,380.85	6,76
	CH-24/90-A i)	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter,Volt Selector Switch,Ammeter selector switch,Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately) (a) 6" deep i) 20~60A (18"x24"x6")		1.5	19,686.70	29,530
		Incoming Supplying,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERL(with adjustable Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. a) Tripple Pole With Adjustable Thermal-Magnetic Trip /Electronic Trip (60-100%) 16Amps (25KA)		1	28,956.95	28,95
11						
	CH-24/21/i	Supply and erection of bus bars, for 500 volts 3 phase A.C. supply with four copper bars, including glazed porcelain bridges, on angle iron board, fixed with rag bolts and M.S. sheet box 1.5 mm thick, etc. complete:- i)60 Amp. with 4 copper bars size 1½"x1/8" (40 x 3 mm)		1	5,364.10	5,36

ENGINEERING COST ESTIMATE FOR ELECTRICAL WORKS KALA GUJRAN PARK JHELUM CAFETERIA

Sr. No.	MRS Ref. No.	Description	Unit	Qty	Rate	Amount
		(Schedule items based on MRS, 1st -Bi-Annual 2023 period District Jhelum)			(Rs.)	(Rs.)
		Outgoing				
	CH-24/86-A ii)	Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB		9	1,184.45	10,660
	CH-24/86-A ii)	MCB SP 10A 6KA (1 No. Spare)	No.	2	1,184.45	2,369
12	24/70	Earthing of iron-clad/aluminum switches, etc. with G.I. wire No.8 SWG in G.I. pipe 15 mm ($\frac{1}{2}$ ") dia, recessed or on the surface of wall and floor, complete with 1.5 meters long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 meter below ground level, and 2 meters away from building plinth.		1	10,198.95	10,199
13	CH-24/85	Erection of ceiling fan alongwith regulator (all sizes), including carriage from local Railway Station/Store to site of work, electric wire/cable for suspension rod and board connection, and cutting, threading on the rod, where necessary Make: Asia, Royal, Pak, GFC Fan or equivalent		3	505.70	1,517
14	NS	Supply, installation and commissioning of ceiling fan 56" Sweep complete with capacitor, hanging rod, canopy blades, of approved quality, nuts, bolts, from recommended manufacturer, complete in all respects.	No.	3	8,394.00	25,182
15	NS	Supply, installation and commissioning of bracket fan 18" Sweep complete with accessories , 1475 Rpm or equivalent, of approved quality, nuts, bolts, from recommended manufacturer, complete in all respects.	No.	1	7,200.00	7,200
16	NS	Supply, installation, connecting, testing commissioning of 10 W LED Down Light Fixturesuitable (Imported)for 1100 lux, as per instruction of Engineer,surface mounted circular shape or equivalent or as per direction of the Consultant/ Engineer Make: Philips, G.E, Thorn, Osram or equivalent		27	11,940.00	322,380
17	NS	Supply, installation, connecting, testing commissioning of 5W LED Down Light Fixturesuitable (Imported)for 1100 lux, as per instruction of Engineer,surface mounted circular shape or equivalent or as per direction of the Consultant/ Engineer Make: Philips, G.E, Thorn, Osram or equivalent		19	11,160.00	212,040
18	NS	Supply, installation, connecting, testing commissioning of Vanity Light of 8W Fixturesuitable for 800lm, as per instruction of Engineer, tube (double ended) shape complete in all respect, Make: Philips, G.E, Thorn or equivalent as per the direction of the Consultant/ Engineer		2	2,400.00	4,800
		TOTAL (Rs.)		•	·	1,022,522
		TOTAL (Rs.) Million PKR				1.023

ENGINEERING COST ESTIMATE (ELECTRICAL WORKS) RATE ANALYSIS OF NON- SCHEDULE ITEMS OF ELECTRICAL WORKS KALA GUJRAN PARK JHELUM CAFETERIA									
BOQ Item#	DESCRIPTION	Qty	Unit	Unit Price PKR	Cost PKR	Contractor Profit	Amount	Total Cost /unit PKR	Total Cost PKR
		q		а	b	с	d = a x c	e = a + d	f = q x e
14	Ceiling Fan 56" Sweep	3	No.	6,995	20,985	20%	1,399.00	8,394	25,182
15	Bracket Fan	1	No.	6,000	6,000	20%	1,200.00	7,200	7,200
16	10 W LED Downlight	27	No.	9,950	268,650	20%	1,990.00	11,940	322,380
17	5 W LED Downlight	19	No.	9,300	176,700	20%	1,860.00	11,160	212,040
18	Vanity Light	2	No.	2,000	4,000	20%	400.00	2,400	4,800

ENGINEERING COST ESTIMATE FOR ELECTRICAL WORKS KALA GUJRAN PARK JHELUM BADMINTON COURT

Sr. No.	MRS Ref. No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	I	(Schedule items based on MRS, 1st -Bi-Annual 2023 period District Jhelum)		I		- *
1		Supply and erection of PVC pipe for wiring recessed in walls, floors, roofs including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. Make Beta, Dadex or equivalent				
		i) 25 mm	P.Rft	849	101.60	86,279
2		Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaid PVC pipes/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only):- Make Pakistan Cables, Newage Cables and Allied Cables or equivalnet				
	.,,,	i) 3/0.029"	P.Rft	1632	27.10	44,227
		iii) 7/0.029"	P.Rft	221	43.30	9,56
3	CH-24/13 c), iv)	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I . wire/trenches, etc. (rate for cable onl y):- c) PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable:- iv) 4 mm (7/0.036")	P.Rft	748	241.35	180,530
4	CH-24-14-ii	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") 38.1 deep, with 4.75 mm thick (3/16") Bakelite sheet top, for to recessed wiring, including making holes for regulators, 38.7 switches, plugs, etc. 17.5 x 10 cm (7"x4")	No.	7	409.85	2,869
5	CH-24/49	Supply and erection of 3/8" (10 mm) dia M.S. bar fan hook, placed at the time of casting of slab.	No.	6	75.00	450
6	CH-24/30	Supply and erection of ceiling rose, Bakelite.	No.	6	75.10	45
7	CH-24/81	Supply and fitting of regulator knob with shaft and plat of electric fan regulator.	No.	6	237.90	1,42
8	CH-24/103-A	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches/sockets/dimmer made of Hi -Life/Bush/Schenider, screws complete as approved and directed by the Engineer Incharge (a) One way Gange Switch Small (viii) Three Pin Power Plug 15-32 Amp		3	818.40	2,45
9		P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer, screws complete as approved and directed by the Engineer Incharge One way 5 Gange Switch (Large) Make: Clipsal or Legrand or equivalent.	No.	3	1,026.00	3,07
10	CH-24/102-A ii)	Providing and fixing Copper winded Exhaust fan with louver and shutter make Pak Fans, Royal Fans, G.F.C Fans or equivalent. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge Plastic Body 12" Sweep		5	3,380.85	16,90
	CH-24/90-A i)	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter,Volt Selector Switch,Ammeter selector switch,Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately) (a) 6" deep i) 20~60A (18"x24"x6")		1.5	19,686.70	29,53
	CH-24/88-A i)	Incoming Supplying,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERL(with adjustable Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. a) Tripple Pole With Adjustable Thermal-Magnetic Trip /Electronic Trip (60-100%)		1	28,956.95	28,95
11		63Amps (25KA)				
	CH-24/21/i	Supply and erection of bus bars, for 500 volts 3 phase A.C. supply with four copper bars, including glazed porcelain bridges, on angle iron board, fixed with rag bolts and M.S. sheet box 1.5 mm thick, etc. complete: <u>i)60 Amp. with 4 copper bars</u> size 1½"x1/8" (40 x 3 mm)		1	5,364.10	5,36

ENGINEERING COST ESTIMATE FOR ELECTRICAL WORKS KALA GUJRAN PARK JHELUM BADMINTON COURT

Sr. No.	MRS Ref. No.	Description	Unit	Qty	Rate	Amount
GI. NO.		•	Unit	QUY	(Rs.)	(Rs.)
		(Schedule items based on MRS, 1st -Bi-Annual 2023 period District Jhelum)				
	CH-24/86-A ii)	Outgoing Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	CH-24/86-A ii)	MCB SP 10A 6KA (4+1 spare)	No.	5	1,184.45	5,922
	CH-24/86-A ii)	MCB SP 16A 6KA (4+1 No. Spare)	No.	5	1,184.45	5,922
12	24/70	Earthing of iron-clad/aluminum switches, etc. with G.I. wire No.8 SWG in G.I. pipe 15 mm ($\frac{1}{2}$ ") dia, recessed or on the surface of wall and floor, complete with 1.5 meters long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 meter below ground level, and 2 meters away from building plinth.		1	10,198.95	10,199
13	CH-24/85	Erection of ceiling fan alongwith regulator (all sizes), including carriage from local Railway Station/Store to site of work, electric wire/cable for suspension rod and board connection, and cutting, threading on the rod, where necessary Make: Asia, Royal, Pak, GFC Fan or equivalent		6	505.70	3,034
14	NS	Supply, installation and commissioning of ceiling fan 56" Sweep complete with capacitor, hanging rod, canopy blades, of approved quality, nuts, bolts, from recommended manufacturer, complete in all respects.		6	8,394.00	50,364
15	24/43/i	Supply and erection of tube light, including rod, choke, starter with frame, flexible wire, including connection from ceiling rose, etc., complete. i) double rod (80 watts) with two chokes and 2 starters.	No.	42	2,579.25	108,329
16	NS	Supply, installation, connecting, testing commissioning of 10 W LED Down Light Fixturesuitable (Imported)for 1100 lux, as per instruction of Engineer,surface mounted circular shape or equivalent or as per direction of the Consultant/ Engineer Make: Philips, G.E, Thorn, Osram or equivalent		39	11,940.00	465,660
		TOTAL (Rs.)		I		1,061,512
		TOTAL (Rs.) Million PKR				1.062

ENGINEERING COST ESTIMATE (ELECTRICAL WORKS) RATE ANALYSIS OF NON- SCHEDULE ITEMS OF ELECTRICAL WORKS KALA GUJRAN PARK JHELUM CAFETERIA

BOQ Item#	DESCRIPTION	Qty	Unit	Unit Price PKR	Cost PKR	Contractor Profit	Amount	Total Cost /unit PKR	Total Cost PKR
		q		а	b	С	d = a x c	e = a + d	f=qxe
14	Ceiling Fan 56" Sweep	3	No.	6,995	20,985	20%	1,399.00	8,394	25,182
16	10 W LED Downlight	27	No.	9,950	268,650	20%	1,990.00	11,940	322,380

	DETAILED DESIGN OF INFRASTRUCTURE CONSTRUCTION OF NEW PARKS IN JH ABSTRACT OF COST PLUMBING WORKS KALA GUJRAN PARK JHELU	ELUM CITY
Sr. No.	Description	Amount
	ABSTRACT OF COST WATER SUPPLY & SEWERAGE NE KALA GUJRAN PARK JHELU	
1	Kala Gujran Park Water Supply Works	5,392,839
2	Kala Gujran Park Sewerage Works	1,459,836
	TOTAL	Rs 6,852,675.00

			PUNJAB CITIE	S PRC)GRAM (P	PCP)		
Deta	ail Des	sign of	Infrastructure Sub - Projects Sector Parks a Kala G Engineer's Cost Estim MRS, 1st BI-ANNUAL-2023 (01.01.2	t Jhelu Gujjran nate for	n City Park Water Sup	ply Works		ties of Punjab
ltem No.	М	RS	Description		Unit	Qty	Rate (Rs.)	Amount (Rs.)
	chp	ltem	Water Supply Network (Cafeteria,male & female Toilet, female lounge)					
1	3	44	Excavation of trenches in all kinds of soil, for water supply pipe lines up to 5 ft (1.5m) depth from ground level, including trimming, dressing sides leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects.	Cft	1000	77,472.00	8,321.30	644,668
2	7	30	Supplying and filling sand under floor; or plugging in wells.(in trenches under pipes)	Cft	100	51,131.52	2,862.00	1,463,384
3	23	47	Supplying, laying, jointing, testing and disinfection of pipe including pipe's fittings and accessories, of approved manufacturer complete in all respects as per drawings and specifications. a) PN-16 pipe					
0	20	1	(iv) (1-1/4") 40 mm	Rft		62.00	130.15	8,069
			(iii)(1") 32 mm	Rft		45.00	94.40	4,248
			(ii)(3/4") 25 mm	Rft		175.00	58.60	10,255
4	23	37	Providing, laying, cutting, jointing, testing and disinfecting Cost of sockets, tees, elbows, G.I. pipe line in trenches, with flanged joints, using G.I. bends, valves, crosses, unions and pipe of B.S.S. 1387-1967 complete in all respects, plugs, etc. is included in the rates. including specials and valves:- ii) C.I. flanged joints (Medium Quality)			745.00	4 000 00	745.000
			c) 2½" i/d (65 mm)	Rft		715.00	1,000.00	715,000

NO.Image: Construction of Valve Analysis AttachedProviding and construction of Valve Analysis AttachedRftImage: Construction of Valve Analysis Attached8RateProviding and construction of Valve AttachedProviding and construction of Valve AttachedPack at the Valve of Valve AttachedPack at the Valve of Valve Attached8RateProviding and construction of Valve AttachedProviding and construction of Valve AttachedProviding and construction of Valve AttachedProviding and construction of Valve Attached8MarketProviding and construction of Valve AttachedProviding and construction of Valve AttachedProviding and construction of Valve AttachedProviding and construction of Valve Attached8MarketProviding and construction of Valve AttachedProviding and construction of Valve AttachedProviding and construction of Valve AttachedProviding and construction of Valve Attached9Providing and construction of Valve AttachedProviding and construction of Valve AttachedProviding and construction of Valve AttachedProviding and construction of Valve Attached9Providing and construction of Valve AttachedProviding and construction of Valve Attached10Providing and construction of Valve AttachedProviding and construction of Valve AttachedProviding AttachedProviding Attached		
Bala Gujiran Park Engineer's Cost Estimate for Water Supply Works MRS, 1st BLANNUAL-2023 (01.01.2023 to 30.06.2023) DISTRICT JELLU MRS, 1st BLANNUAL-2023 (01.01.2023 to 30.06.2023) DISTRICT JELLU Jellow Market Polyethylene Pipe (HDPE-100) Working presure pipe, Beta/ Dadex/ Popular/ IIL or equivalent, in trenches, as approved & directed by the engineer incharge, complete in all respects. Rft Oty Rat 5 23 43 Providing and installing sluice (gate) valve of B.S 3464 quality as per drawing (including cost of jointing material). Rft 1,791.00 7 6 23 31 Providing and construction of instending and construction of instending complete in all respects. Rft 1,791.00 20.00 18 7 Rate Analysis Attached Providing and construction of instending complete in all respects. Each 20.00 31 9 Market Rate Providing and construction of Valve drawing complete in all respects. Each 1.00 55 9 Market Rate Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double phy polyethelene of approved manufacture i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer Stanks of 500 Gallon 1500.00	on in 16 Citi	in 16 Cities of Punjab
No.MRSDescriptionUnitUtyRat $1000000000000000000000000000000000000$	HLUM	IM
5 23 43 testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe, Beta/ Dadex/ Popular/IIL or equivalent, in trenches, as approved & directed by the engineer incharge, complete in all respects. Rft 1,791.00 5 23 43 all respects. Rft 1,791.00 6 23 31 Providing and installing sluice (gate) valve of B.S 3464 quality as per drawing (including cost of jointing material). Rft 7,178.00 7 Rate Analysis Attached Providing and construction of inspection chambers for gate valves as per drawing complete in all respects. Each 20.00 18 9 Market Rate Providing and construction of Valve chambers for gate valves as per drawing complete in all respects. Each 20.00 31 9 Market Attached Pump Water Fountain Each 1.00 55 9 Market Attached Pump Water Fountain Each 1.00 55 10 19 51 Froviding and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved and directed by the Engineer Per gallon 3 tanks of 500 Gallon 1500.00	Rate (Rs.)	e (Rs.) Amount (Rs.
7) 90 mmRft7,178.00b) PN-8 (SDR-21) 5) 63 mmRft7,178.0062331Providing and installing sluice (gate) valve of B.S 3464 quality as per drawing (including cost of jointing material).Rft7,178.0062331Providing and installing sluice (gate) valve of B.S 3464 quality as per drawing (including cost of jointing material).Each20.007Rate Analysis AttachedProviding and construction of inspection chambers for gate valves as per drawing complete in all respects.Each12.00228Rate Analysis AttachedProviding and construction of Valve chambers for gate valves as per drawing complete in all respects.Each20.00319Market RatePump Water FountainEach1.00559Market RatePump Water FountainEach1.0055101951S1Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer1500.00		
62331Providing and installing sluice (gate) valve of B.S 3464 quality as per drawing (including cost of jointing material).Each20.00187Rate Analysis AttachedProviding and construction of inspection chambers for gate valves as per drawing complete in all respects.Each20.00188Rate Analysis AttachedProviding and construction of Valve chambers for gate valves as per drawing complete in all respects.Each12.00229Market RateProviding and construction of Valve chambers for gate valves as per drawing complete in all respects.Each20.00319Market RatePump Water FountainEach1.00559Market RatePump Water FountainEach1.0055101951Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer1500.00	197.30	197.30 353,36
62331valve of B.S 3464 quality as per drawing (including cost of jointing material).Each20.00187Rate Analysis AttachedProviding and construction of inspection chambers for gate valves as per drawing complete in all respects.Each20.00188Rate Analysis AttachedProviding and construction of Valve chambers for gate valves as per drawing complete in all respects.Each12.00229Market RateProviding and construction of Valve chambers for gate valves as per drawing complete in all respects.Each20.00319Market RatePump Water FountainEach1.00559Market RatePump Water FountainEach1.0055101951Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved 	98.60	98.60 707,75
Rate Analysis AttachedProviding and construction of inspection chambers for gate valves as per drawing complete in all respects.Each12.00228Rate Analysis AttachedProviding and construction of Valve chambers for gate valves as per drawing complete in all respects.Each20.00319Market RatePump Water FountainEach1.00559Market RatePump Water FountainEach1.0055101951Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer3 tanks of Gallon1500.00		
7Rate Analysis Attachedinspection chambers for gate valves as per drawing complete in all respects.Each12.00228Rate Analysis AttachedProviding and construction of Valve chambers for gate valves as per drawing complete in all respects.Each20.00319Market RatePump Water FountainEach1.00559Market RateProviding and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer3 tanks of 500 Gallon1500.00	18,204.95	,204.95 364,09
8 Analysis Attached chambers for gate valves as per drawing complete in all respects. Each 20.00 31 9 Market Rate Pump Water Fountain Each 1.00 55 9 Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer 3 tanks of 500 Gallon 1500.00	22,216.92	,216.92 266,60
9RatePump Water FountainEach1.00559RateProviding and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the EngineerPer Gallon3 tanks of 500 Gallon1500.00	31,222.38	,222.38 624,44
 10 19 51 connection for inlet/outlet pipe, float valve i/c all cost of specials& labour complete in all respect as approved and directed by the Engineer 	55,000.00	,000.00 55,00
	117.30	117.30 175,95
TOTAL Pkr		5,392,838.9

PUNJAB CITIES PROGRAM (PCP)

Detail Design of Infrastructure Sub - Projects Sectoral Planning & Resident Supevision in 16 Cities of Punjab

PARK AT JHELUM CITY

Kala Gujjran Park

Engineer's Cost Estimate for Sewerage Works

MRS, 1st BI-ANNUAL-2023 (01.01.2023 to 30.06.2023) DISTRICT JEHLUM

ltem No.		RS 2023	Description	Ur	nit	Qty	Rate (Rs.)	Amount (Rs.)
	Ch	ltem	Sewerage Network (Cafeteria,male & female Toilet, female lounge)					
1	3	42	Earthwork excavation in open cutting for sewers and manholes including dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:					
			a) 0' to 7.0' (0 to 2.10m) depth	Cft	1000	5,000.00	12,836.55	64,182.75
2	3	13	Rehandling of earthwork: b) Upto a lead of 50 ft. (15 m).	Cft	1000	4,000.00	3,880.80	15,523.20
3	23	27	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with `B' Class working pressure pipe, in trenches, complete in all respects:-					
Ŭ	20	21	d) 6" i/d (150 mm)	Rft	1	587.00	768.85	451,314.95
			b) 4" i/d (100 mm)	Rft		13.00	402.70	5,235.10
4	21	1	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-79, 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. iii) 225 mm (9:) i/d	Rft	1	25.00	553.85	13,846.25
5		lysis ched	Septic tank 12x4x4	Each		3.00	191,648.87	574,946.62
6	Alla		Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower,waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge. (ii) Lever Type Basin Mixer	Each		8.00	6,563.40	52,507.20

PUNJAB CITIES PROGRAM (PCP)

Detail Design of Infrastructure Sub - Projects Sectoral Planning & Resident Supevision in 16 Cities of Punjab

PARK AT JHELUM CITY

Kala Gujjran Park

Engineer's Cost Estimate for Sewerage Works

MRS, 1st BI-ANNUAL-2023 (01.01.2023 to 30.06.2023) DISTRICT JEHLUM

ltem No.		RS 2023	Description	Ur	nit	Qty	Rate (Rs.)	Amount (Rs.)
			(iii) Double Bib Cock	Each		7.00	1,763.40	12,343.80
			(v) Muslim shower	Each		7.00	2,243.40	15,703.80
			(vi) Waste Coupling	Each		6.00	623.40	3,740.40
			(vii) Bottle Trap	Each		6.00	1,343.40	8,060.40
7	19	4	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. i) white	Each		2.00	2,461.80	4,923.60
8	19	49	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Fittings make of Dadex /Popular/Beta or equivalent, conforming to code EN-1329 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge. a) P-Trap (i) 4" dia	Each		2.00	1,082.40	2,164.80
8	19	3	Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/rubber connection, thimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	Each		5.00	35,817.00	179,085.00
9	19	7	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. iii) white, without pedestal	Each		6.00	6,793.90	40,763.40
10	19	8	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	Each		2.00	7,747.40	15,494.80
			TOTAL					1,459,836.07

					RA	TE AN	LYSIS	FOR 4' Di	a MAN H	OLE						
	RS-1/20					scriptio					Rate		Qty	Unit		Amount
Sr. #	Chap	ltem				-					Rato		۹.9	Unit		
					4'		4.88' [•								
1	3	42-i	Earth work excavation for													
			0-7' Depth	3.142	Х	7.50	Х	7.50	X	0.25		- =	300.45	Cft.		
•			Ch-3 item-42i						Cft @ Rs		12836.55		% 0Cft	<i></i>	Rs.	3,856.79
2	3	42-11	7'-15 Depth	3.142	Х	7.50	Х	7.50	X	0.25		=	0.00	Cft.		
			Ch-3 item-42i					0.00	Cft @ Rs		18457.30)	% 0Cft		Rs.	-
2	c	0	Dry rommod brick or sta	na hallaat 1	1/ 4	o 0" in l										
3	6	2	Dry rammed brick or sto	3.142			г/г. Х	7.50	х	0.25	x 1.00	=	44.18	Cft.		
				5.142	~	7.50	X		^ Cft @ Rs	0.20	9900.00		%Cft	UII.	Rs.	4,374.2
4	6	3	Cement concrete brick o	or stone hall	ast ²	1½ " to :	2" (40 ו		-	n found					13.	4,074.2
7	Ū	0				6.50	•	6.50	X	0.25		=	(u) (uio 1.	Cft.		
				0.142	~	0.00	~		Cft @ Rs	0.20	22183.20		%Cft	011.	Rs.	4,932.5
5	6	5f	P.C.C. i/c placing compa	actina finishi	ina 8	& curina	l compl				22100.20	•	<i>J</i> oon		1.0.	1,002.0
U	Ŭ	01	Bed	3.142			X	4.00	x	0.25	x 0.25	=	3.14	Cft.		
				••••=			~			0.20	2 Total	=	3.14	Cft.		
			D/d pipe portion	3.142	х	0.00	х	0.00	х	0.25		=	0.00	Cft.		
											Net	=	3.14	Cft.		
			Ch-6 item-5f					3.14	Cft @ Rs		37614.70)	%Cft		Rs.	1,181.8
6	6	6	Providing and laying reir	nforced cem	ent	concret	e (inclu	uding prestre	ssed conc	rete), ι	using coars	e sanc	d and			
		a-i	(a) (i) Reinforced cemen	it concrete ii	n roo	of slab,	beams	s, columns lin	tels, girde	rs and	other struc	tural m	nembers laid			
		3	(3) Type C (nominal mix	1: 2: 4)												
			Top slab	3.142	Х	4.00	х	4.00	х	0.25	x 0.50	=	6.28	Cft.		
			Deduct Cover	3.142	Х	2.00	Х	2.00	Х	0.25	x 0.50	=	1.57			
											Net	=	4.71	Cft.		
									Cft @ Rs		566.35		Cft		Rs.	2,669.2
7	6	12	Fabrication of mild steel		ent f	or ceme	ent con	crete, includ	ng cutting	, bendi	ng, laying i	n posit	ion, making			
			(b) Deformed bars (Grad	,												
			Item 6	4.71	Cft	@				6			12.82681666	Kg		
									Cft @ Rs		31556.10)	%Cft		Rs.	4,047.6
8	7	7i+10	Pacca brick work other t	-		,				•	4.00		10.05			
			1st Step			3.142	Х	4.75	Х	0.75		=	18.25	Cft.		
			2nd Step	3.142	Х	4.75	+	3.00	х	0.75		=	31.96	Cft.		
			Oh 7 itam 7: 1 40				2	50.04			Total	. =	50.21	Cft.		47 000 4
		10	Ch-7 item-7i + 10	rk in atainin	a of		r o n v o		Cft @ Rs		35060.90)	% Cft		Rs.	17,602.4
		10	Extra for pacca brick wo	rk in steining	y oi	wells of	r any o	72.167813	•		2,979.6	0 0	% Cft		Rs.	- 2 150 2
9	11	7b	Cement and plaster (1:2) ratio $1/2"$	thicl	(out s	ida)	12.10/013			2,979.0	0 7			RS.	2,150.3
9	11	70	1st Step) 1au0. 1/2	unor	1		3.142	v	5.50	x 1.63	=	28.17	Sft		
			4th Step			ı 3.142	x x	5.50	× +	3.75		=	20.17 50.86	Sft		
						J. 172	^	0.00	2	5.75	Total	=	79.03	Sft		
			Ch-11 item-7b					79.03	Sft @ Rs		4069.45		% Sft	on	Rs.	3,216.0
10	21	15a	Providing and fixing 3" (7	75 mm) thicl	kR.	C.C. ma	anhole		0	ia. with					1.0.	0,210.0
			Ch-21 item-15A					•	No. @ Rs.		12467.05				Rs.	12,467.0
									U							,
11	21	9	Extra for making benchir	ng etc: com	olete) .										
			Ŭ			3.142	х	4.00	х	4.00	x 0.25	=	12.57	Sft		
			Ch-21 item-9					12.57	Sft @ Rs.		3118.30	% \$	Sft		Rs.	391.9
									C							
12	21	13	P/F angle iron steps 1¼"	'x1¼" x 3/16	6"si	ze.										
			Ch-21 item-13					5	No. @ Rs.		610.75	Ead	ch		Rs.	3,053.7
13	1	1	Carriage of 100 Cft. (2.8	3 cu.m) of a	all m	aterials	like sto	one aggregat	e, spawl, l	kankar	lime (unsla	ked), s	surkhi, etc. or			
			Item 5	1:2:4	=	3.14	4 (Cft	0.88			=	2.76	Cft		
			6	1:2:4		4.7	1 (Cft	0.88			=	4.15	Cft		
													6.91	Cft		
								6.91	Cft @ Rs		9254.	62 <u>9</u>	% Cft		Rs.	639.72
													Total:-			59,943.7
													Say:-			59,944.0

													Size		12.0 x	4.00	4.00
		100	1		MRS,	1st	BI-ANN	UAL(0	1-01-	2023 to 3	0-06-2023	B)DIST	RICT JHE	LUM			
Sr No	1st	/IRS 2023	-				DESCRI	PTION					Qty		Unit	Rate	Amount
	Ch.	Item	Everyation in	foundo	tion of h	uldin	a brida	oo ond i	othor	atruatura	with avea	unterd					Rs.
1	3	z i.ali	Excavation in earth, waterin														
			a) By Manual	ii) in or	dinary sc	oil.											
				1 x	14.50	х	6.50		х	4.830 =	455.23	Cft					
										Total =	455.23	Cft	455.23	Cft	1000	11,658.25	5,307.00
2	6	5.i	Cement conci complete (incl	-			-	-	-	-	nd curing						
			(i) Ratio 1:4:8	1													
			CC at Bed	1 x	14.50	х	6.50		х	.33 =	31.10	Cft					
										Total =	31.10	Cft	31.10	Cft	100	28,513.90	8,869.00
3	7	4	Pacca brick w	ork in f	oundatio	n and	d plinth	in:-i) Ce	ment,	, sand mo	rtar:-						
			Ratio 1:4)														
				1 x	2	х	13.5	x 0.75	0 x	4.000 =	81.000	Cft					
				1 x	2	х	4.0	x 0.75	0 x	4.000 =	24.000	Cft					
				1 x	1		4.0	x 0.37	5 x	4.000 =	6.000	Cft					
			Deduction of I	Pipe						Total =	111.000	Cft					
				' 2 x	0.786	х	0.500	x 0.	50 x	0.750 =	0.295	Cft					
				1 x	1.000	х	2.500	x 0.3	38 x	0.500 =	0.469	Cft					
									Ne	et Total =	110.24	Cft	110.24	Cft	100	31,518.60	34,745.06
4	11	8.b	Cement Plast	er 1;3 ι	ipto 20' h	eigh	t 1/2" Tł	nick (in	side))							
			Inside	1 x	2.00		12.00			4.000 =	96.00	Sft					
				1 x	2.00		4.00			4.000 =	32.00	Sft					
				1 x	2.00		4.00			3.500 =	28.00	Sft					
			Out side	1 x	2.00		13.50			4.000 =	108.00	Sft					
				1 x	2.00	Х	5.50			4.000 = Total =	44.00 308.00	Sft Sft					
				2 x		2	0 786	v 0.50		0.500 =	0.786	Sft					
				2 ^		2	0.700	× 0.00		t Total =	307.21	Sft	307.21	Sft	100	3,635.05	11,167.40
5	6	6	Providing and using coarse shape and de rendering and reinforcement	sand ar sign, in finishir	nd screer cluding f ng expos	ned g orms ed si	raded a , mould urface, o	and was s, shutte complete	incluc hed a ering, e (but	ding prest ggregate, lifting, co : excluding	ressed co in require mpacting,	ncrete), ed curing,				5,000.00	1,107.40
			(a)(iii) Reinfor column and re than those me shuttering) co	taining ntione	walls; et d in 6(a)	tc an (i)&(d footing ii) abov	g beams	s, othe	er structur	al membe	ers other					
			(3) Type C (no	minal	mix 1: 2:	4)											
			Floor	1 x	14.00	х	6.00	x		0.500 =	42.00	Cft					
										Total =	42.00	Cft	42.00	Cft	1	456.95	19,191.90
			(a) (i) Reinford and other stru members cas	ctural r	nembers	laid	in situ c	or precas			. 0						

			Slab	1 x	13.5	х	5.50	х		0.5	500 =	: 37.1	3 Cft					
			Openings	2 x	0.786	х	2.000	х	2.00	x 0.5	500 =	-3.14	2 Cft					
										Т	otal =	37.1	3 Cft	37.13	Cft	1	566.35	21,025.74
6	6	12.b	Fabrication o bending, layir wire and labo of rust from ba	ig in po ur char	osition,ma	aking	g joints	s an	nd faster	nings,i	nclud	ing cost	of binding	9				
			('c) Deformed	bars (C	Grade-60													
			Quty:as per ite	em No	5	=	42.00	х	6.750	/ 2.2	204 =	128.6	63 Kg					
					5	=	37.13	х	6.750	/ 2.2	204 =	113.7	70 Kg					
									Т	otal	=	242.3	33 Kg	242.33	Kg.	100	31,556.10	76,469.67
7			RPC Manhole Material, 650 frame having	mm dia	with clea	ar op	ening	size	e 600 mi	m (24"	ˈdia) a	and RPC	c manhole					
			MRS input Price									7,000	.00					
			Installation							109	%	700	.00					
			Contractor's C).H. & F	Profit					209	%	1,540	.00					
			Total									9,240	.00					
8	13	9	Bitumen coati i) 20 lbs. per 1	•					crete su	otal rface:-	=	: 1.00) No	1.00	No.	100	9,240.00	92.40
			As per externa	al plaste	е													
			Out side	1 x	2.00	х	13.50			x 4.	00 =	108.0	00 Sft					
				х	2.00	х	5.50			x 4.	00 =	0.00) Sft					
											al =							
				2 x		1	0.786	х		x 0.								
										Net To	otal =	108.6	61 Sft	108.61	Sft	100	4,602.00	4,998.11
9	21	13	Providing and manhole char lines and leve	nbers, i			•		,	•		•						
					@ 12" c/c					x 4.				1.00	No.	1	610.75	610.75
10	1	1	Carriage of 10 kankar lime (u any other mea	Inslake	d), surkh	i, etc	. or 15	0 C			00	•		/				
			Lead upt	C	135.0 K	ím	from N	/larថ្	galla									
			Pcc 1.4.8 :as	per iter	n No.		2	=	31.103	x 0.9	948 =	29.4	8 Cft					
			Pcc 1.2.4 :as	per iter	n No.		5	=	42.000	x 0.8	880 =	36.9	6 Cft					
			R.c.c 1.2.4 :as	s per ite	em No.		5	=	37.125	x 0.8	880 =	32.6	7 Cft					
									Т	otal	=	99.1	1 Cft	99.11	Cft	100	9,254.62	9,171.84

		99.11	ΟIL	100	9,204.02	9,171.04
				Total		PKR 191,648.87
				Say		191,600.00

			Air Valve Chamber For	Size		2.0 x	2.00	3.50
			MRS, 1st BI-ANNUAL(01-01-2023 to 30-06-2023)DISTI	RICT JH	IELL	JM		
Sr		MRS st.2023 DESCRIPTION		Qty		Unit	Rate	Amount
No	Ch.	Item	DESCRIPTION	QLY		Onit		Rs.
1	3	21.aii	Excavation in foundation of building, bridges and other structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)					
			a) By Manual ii) in ordinary soil.					
			$1 \times 4.50 \times 4.50$ $\times 4.500 = 91.13$ Cft					
			Total = 91.13 Cft	91.13	Cft	1000	11,658.25	1,062.00
2	c	2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge					
2	6	2	$1 \times 4.50 \times 4.50 \times 0.330 = 6.68 \text{ Cft}$					
			Total = 6.68 Cft	6.68	Cft	100	9,900.00	662.00
				0.00	On	100	0,000.00	002.00
3	6	5.i	Cement concrete plain including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate):					
			(i) Ratio 1:4:8)					
			CC at Bed 1 x 4.00 x 4.00 x .5 = 8.00 Cft					
			Total = 8.00 Cft	8.00	Cft	100	28,513.90	2,281.00
4	7	4	Pacca brick work in foundation and plinth in:-i) Cement, sand mortar:-					
			Ratio 1:5)					
			3nd.step 1 x 4 x 2.750 x 0.750 x 3.500 = 28.875 Cft					
			Total = 28.875 Cft					
			Deduction of Pipe					
			$2 \times 3.142 \times 0.075 \times 0.08 \times 0.750 = 0.007$ Cft					
			4					
~	6	5 £	Net Total = 28.87 Cft	28.87	Cft	100	31,518.60	9,098.91
5	6	5.f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):					
			(f) Ratio 1: 2:4)					
			Block $3 \times 2.00 \times 1.00 \times 0.000 = 0.00$ Cft					
			Floor $1 \times 3.50 \times 3.50 \times 0.000 = 0.00$ Cft					
			Total = 0.00 Cft	-	Cft	100	37,614.70	-
6	11	9.b	Cement Plaster 1;4 upto 20' height 1/2" Thick (in side)					
			1 x 4.00 x 2.00 x 3.500 = 28.00 Sft					
			Total = 28.00 Sft					
			$2 \times 3.142 \times 0.075 \times 0.075 \times = 0.009$ Sft					
			4					
_	_			27.99	Sft	100	3,459.85	968.45
7	6	6.(a) (i)	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.):-					

						Say		22,200.00
						Total		PKR 22,216.92
			Total = 11.59 C1	t 11.59	Cft	100	9,254.62	1,072.49
			R.c.c 1.2.4 :as per item No. 7 = 4.554 x 0.880 = 4.01 Cf	t				
			Pcc 1.2.4 :as per item No. 5 = 0.000 x 0.880 = 0.00 Cf	t				
			Pcc 1.4.8 :as per item No. 3 = 8.000 x 0.948 = 7.58 Cf	t				
			Lead upto 135.0 Km from Margalla quary					
10	1	1	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.					
			Total = 1.00 No Ch. 01 Item No.1	D 1.00	1.0	100	9,240.00	92.40
			Total 9240					
			Contractor's O.H. & Profit 20% 1540					
			Installation 10% 700					
			MRS Price 7000					
)		MRS PRICE	RPC Manhole Cover Manufactured with 100% Reinforced Plastic Composite Material, 650 mm dia with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (Complete) (Certified under ISO 9001-2015)					
			Total = 13.95 Kg	13.95	Kg.	100	31,556.10	4,400.76
			Quty:as per item No 7 = 4.55 x 6.750 / 2.204 = 13.95 Kg	1				
			b) Deformed bars (Grade-40)					
8	6	12.b	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):-					
			Total = 4.55 Cf	t 4.55	Cft	1	566.35	2,578.92
			D/d M.H Cover 1 x 0.786 x 2.00 x 2.000 x 0.50 = 1.57 C1	t				
			(3) Type C (nominal mix 1: 2: 4) Slab 1 x 3.50 x 3.50 x 0.50 = 6.13 C1	t				
			(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:-					

			Air Valve Chamber	Size		3.0 x	3.00	2.50	
MRS, 1st BI-ANNUAL-2023 (01.01.2023 to 30.06.2023) DISTRICT JEHLUM MRS MRS Amount Sr 1st .2023 DESCRIPTION Qty Unit Rate									
3r ⊢			DESCRIPTION	Otv		Unit	Pato	Amount	
	Ch.	Item	DESCRIPTION	Qty		Onit	Nate	Rs.	
1	3		Excavation in foundation of building, bridges and other structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)						
			a) By Manual ii) in ordinary soil.						
			1 x 5.16 x 5.16 x 3.500 = 93.19 Cft						
			Total = 93.19 Cft	93.19	Cft	1000	11,658.25	1,086.00	
2	6		Cement concrete plain including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate):						
			(i) Ratio 1:4:8)						
			CC at Bed 1 x 5.16 x 5.16 x .5 = 13.31 Cft						
			Total = 13.31 Cft	13.31	Cft	100	28,513.90	3,796.00	
3	7	4	Pacca brick work in foundation and plinth in:-i) Cement, sand mortar:-						
			Ratio 1:5)						
			3nd.step 1 x 4 x 3.750 x 0.750 x 2.500 = 28.125 Cft						
			Total = 28.125 Cft						
			Deduction of Pipe						
			$2 \times 3.142 \times 0.075 \times 0.08 \times 0.750 = 0.007$ Cft 4						
			Net Total = 28.12 Cft	28.12	Cft	100	31,518.60	8,862.52	
4	6		Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):						
			(f) Ratio 1: 2:4)						
			Block $3 \times 2.00 \times 1.00 \times 0.500 = 3.00$ Cft						
			Floor 1 x 4.50 x 4.50 x 0.000 = 0.00 Cft						
			Total = 3.00 Cft	3.00	Cft	100	37,614.70	1,128.44	
5	11	9.b	Cement Plaster 1;4 upto 20' height 1/2" Thick(in side)						
			$1 \times 4.00 \times 3.00 \times 2.500 = 30.00 $ Sft						
			Total = 30.00 Sft						
			2 x 3.142 x 0.075 x 0.075 x = 0.009 Sft						

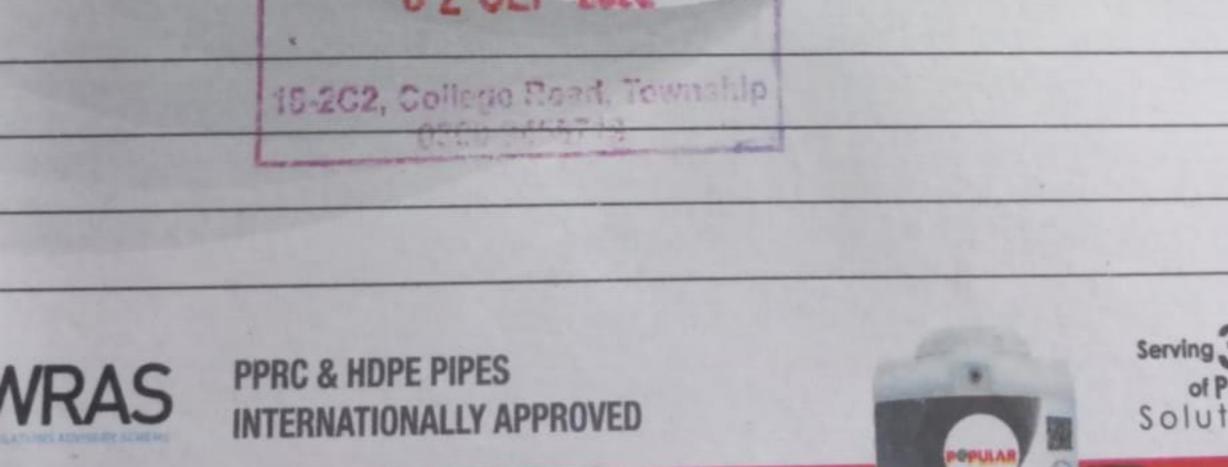
		4						
		Net Total = 29.99 Sft	29.99	Sft	100	3,459.85	1,037.65	
5	6 6.a.iii	 C Providing and laying reinforced cement concrete(including prestressed, concrete), using coarse sand and screened graded and washed aggregate, in required shape and design,including forms, moulds, shuttering, lifting, compacting,curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- (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:- (3) Type C (nominal mix 1: 2: 4) 						

								Total		PKR 31,222.38
				= 22.78		22.78	Cft	100	9,254.62	2,108.53
			54 x 0.880							
			00 x 0.880							
			13 x 0.948	= 12.62	Cft					
		Lead upto 135.0 Km from Marga								
9 1	1	<u>Ch. 01 Item No.1</u> Carriage of 100 Cft. (2.83 cu.m) of all materials kankar lime (unslaked), surkhi, etc. or 150 Cft. or by any other means owned by the contractor	(4.25 cu.m) o							
			Total	= 1.00	No	1.00	1.0	100	9,240.00	92.40
		Total		9240						
		Contractor's O.H. & Profit	20%	1540						
		Price Installation	10%	700						
		MRS input		7000						
8		Providing and fixing, 6" (150 mm) thick R.C.C. 75x75x6mm) angle iron frame, 22" (550 mm) i/ STD/PD No. 7 of 1977, complete in all respects	d as per stan							
			Total	= 26.20	Kg	26.20	Kg.	100	31,556.10	8,266.53
		Quty:as per item No 6 = 8.55 x 6.7	50 / 2.204	= 26.20	Kg					
		b) Deformed bars (Grade-40)								
7 6	12.b	Fabrication of mild steel reinforcement for cen bending, laying in position,making joints and binding wire and labour charges for binding includes removal of rust from bars):-	d fastenings	,including	cost of					
			Total	= 8.55	Cft	8.55	Cft	1	566.35	4,844.32
		D/d M.H Cover 1 x 0.786 x 2.00 x 2.00	0 x 0.50	= 1.57	Cft					

District	Jhelum								
City	Jhelum			Bate Analysis for	Pairi				1st Biannual 2023
Quarry	Margalla	a Hills		Rate Analysis for	Dajri				TSt Diaminual 2023
Lead	135	Km			_				
Sr.No	Mr Chap	r s. Item		Description of Item	Ur	nit	Rate	Amount	Remarks
1	1	1	A) B)	Extra for CarriageCarriage 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.1stKm2ndKm3rdKm3rdKm6thKm7thKm9thKm10thKm11thKm to 135 Km: 135 - 10 = 125 x 52.20 Sub - Total (A)Extra Carriage for 22 Cft Material = 7,585.75 x 0.22 Sub - Total (B)50 CftTotal (A+B)For 100 Cft For Per Cum	100 100 100 100 100 100 100 100 100	Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft	305.40 145.65 114.10 81.20 75.85 74.60 69.60 68.85 64.75 60.75 6,525.00 1,668.87	9,254.62	3) The quantity of crushed stone aggregate for payment of carriage shall betaken as per actual loose volume but not

otal Park Lights Load in Kw	Daily Operatiopn time (in hours)	Kwh per day	Electricity Cost per day @ 29/- unit rate	Kwh per year	Electricity Cost per Anum @ 29/- unit rate	Repair & Maintenance Cost @ 1%	Chokidar	Plumber	Salaries per year (Electrician & Inspector)	Total cost/ Anum	
9.70	12	116.40	3,375.60	42,486.00	1,232,094.00	87,877.70	1,800,000.00	720,000.00	960,000	4,799,972	
			1		O & M COST B	REAKDOWN					
	Total Park Lights Load in kWh								Total Park Lights Load in Kw	9.70 Killowatt	
	Daily Operation Time	=	12 hrs	Killo watt hours / day	=	9.70 X 12			=	116.40	Killowatt hour
	Electricity Cost per day @ 29/- unit rate	=	116.40 x 29	=	3,375.60	PKR					
	Kwh per year	=	116.40X 365	=	42,486.00	Kwh					
	Electricity Cost per Anum @ 29/- unit rate	=	42486 X 29	=	1,232,094.00	PKR					
	Repair & Maintenance Cost @ 1% of Total Cost	=	1%	=	87,877.70	PKR					
			Electricia	n + Inspector							
	Salaries per year	=	35,000 x 12	45,000 x 12	=	960,000			PKR		
			Electricity Cost per Anum +		42486 +						
	Total O & M cost/ Anum	=	Repair & Maintenance Cost + Salaries per year	=	+ 87877.70 + 960,000	=			4,799,972	PKR	

The Mark of Leader POPULAR" · Juin 1 PIPES elieren GFC NUSS (.) Pipes Group of Companies AMAD ELECTRIC TRADERS



91



Ref No: ACC/MMP/JLM/001

Dated: 12 January, 2023

Asad Electrical Engineer MM Pakistan Islamabad

Subject: <u>Construction of GAZEBO at Jhelum City(Quotation)</u>

Sir,

With reference of discussion and as per Drawing/site requirement we are pleased to quote the following discounted prices for Construction of Gazebo at Jhelum City. Detail as follows.

S.No	Description	Unit	Rate (Rs)	Qty	Amount (Rs.)	Remarks
	Construction, Fabrication, installation of Steel Structure and Other work as per Site/Drawing Complete in all					
1	respect	L.S	1,300,000	1.00	1,300,000.00	
	Total Amount				1,300,000.00	

Best regards Al-Hozaifah Construction Company.

Muhammad Jamil

Hoad Officer

	lant,	Land Sca	iping,
Lawn &	Parks	Designin	g
			r Date:
		2	
Kala Guiro	m f	Parks in	Jehlem
		11	
Description	Qty.	Rate	Amount
Alstonia 18" height B'	8	2200	17600
	8	2000	16000
Gulmohar 18" height &'	6	3500	21000
Jacarand 18" neight 8'	8	3000	24000
Bismarkia 18" height 8'	5	2000	10,000
Cone Topehri 18" height 8'		5500	16500
Cono Carpus 12" height 8'	20	180	3600
		150	1500
	45	2,50	11250
The 1111 heights	33	250	8250
1	76	400	30400
		350	8400
	27	2500	67500
		-	236000 Total
	NTN: Quotation Kala Guijro "Just" Describtion Alstonia 18" height 2' Phoenix Palm 18" height 2' Phoenix Palm 18" height 8' Guilmohar 28" height 8' Guilmohar 28" height 8' Jacarond 18" height 8' Bismarkia 18" height 8' Corre Topehri 18" height 8' Coro Carpus 12" height 8' Rlumbego 16 Pt height 8' Star Jaomin 12" Jatropha 14" height 8' Bamboos Corocarpus 14" height 8' Bamboos Corocarpus 14" height 8'	NTN: 2788 Quotation of Kala Guijran ("Just subbly "Just subbly Description OTG. Alstonia 18" height 8' 8 Phoenix Palm 18" height 8' 8 Gulmohar 18" height 8' 6 Jacarond 18" height 8' 6 Jacarond 18" height 8' 8 Bismarkia 18" height 8' 3 Cone Topehri 18" height 8' 3 Cone Carpus 12" height 8' 20 Rlumbego 16 pt height 8' 20 Rlumbego 16 pt height 8' 20 Star Jacmin 12" 45 Jatropha 14" height 8' 76 Begunvilla 14" height 8' 76	Kala Guijran Parks in "Just substity" <u>Describtion</u> <u>Alstonia</u> 18" height 8' 8 2200 Phoenin Palm 18" height 8' 8 2000 Guilmohar 18" height 8' 8 3000 Jacarand 18" height 8' 8 3000 Bismarkia 18" height 8' 8 3000 Cone Topehri 18" height 8' 3 5500 Cone Topehri 18" height 8' 3 5500 Cone Carpus 12" height 8' 20 180 Rlumbego 16 Rt height 8' 20 180 Star Joomin 12" Jatropha 14" height 5' 33 250 Bamboos Conocerpus 14" height 8' 76 400 Bogunvilla 14" height 6'8' 24 350 Lagerstomia 18" height 6'8' 27 250



HAROON NURSERY FARM



Specialist in Plant, Land Scaping, Lawn & Parks Designing

Ref #:_

Civil & Govt. Contractor NTN: 2788918-1

Date: 21-03-23

S. #	Description	Qty.	Unit	Rate	Amount
1	Encavation dressed and disposal of unsuitable material upto 3 km	152465	C\$t		2286975
2 -	Supply & Laying of Sueet Soil	152465	Gft	40	6098600
3-	Tuying Slopes of Lavens with grass sodes including ploughing, laying and watering and maintenance for 15 days	155465	Sft	9	1372185
4-	Supply of Succet Soil	50	Bay	120	6000
5 6- 7-	Supply of Cow Manure Supply of Urea Festilizer	10.000 70	Bag Bag	200 4000	200000
8-	Supply of DAP Fortilizer Artificial Guass (20mm)	50 9000	Bag Stt	14500	725000
				Total 1	5198760

Quotation of Kala Guijran Parks in Jehlam

Head Office: Office No. 1, 2nd Floor, Shaheen Chemist Plaza, Marrir Hassan, Rawalpindi Cantt. Ph: 051-4252579 Branch Office: Main G.T Road, Near Chakwal Morr, Mandra, Rawalpindi. 0345-9735776

HAROON NURSERY FARM



Specialist in Plant, Land Scaping, Lawn & Parks Designing

Civil & Govt. Contractor Date: 21-03-23 NTN: 2788918-1 Ref #: Quotation of Guijran Kala Purks in Jehlum Amount Rate Unit Oty . Description Sr.# 22000 Terminalia Tree 18 pt 1 2200 No. ID Vucca 2 44800 18" lt 2800 16 NO. Rain Tree 3 18"Pet 41 184500 4500 No 4 Foxtail Palm 18"Yet 19 72200 3800 No-5 Bird of Powadise 18"Pot 80000 20 4000 NO. 6 Kaner 92 No. 14" Pot 250 23000 7 Alternanthra 10" Pot 232 No. 60 13920 Ð Hibiscus 14"Pot 27 No. 250 6750 4471-Total Head Office: Office No. 1, 2nd Floor, Shaheen Chemist Plaza, Marrir Hassan, Rawalpindi Cantt. Ph: 051-4252579 Branch Office:

Main G.T Road, Near Chakwal Morr, Mandra, Rawalpindi. 0345-9735776

95

	Specialist in I	Plant,	Land Sca	aping,
	Lawn &	Parks	Designin	ng
Ref #:	Civil & G	ovt. C: 2788		r Date:
	Quotation		ę.	
	Kala Gujn	an f	Parks in	Jehlem
_	" Just's		11	
Sr. #	Description	Qty.	Rate	Amount
1	Alstonia 18" height &	8	2200	17600
2	Phoenix Palm 18" height B'		2000	16000
3	Gulmohar 18" height &'	6	3500	21000
4	Jacarand 18" neight 8'	8	3000	24000
5	Bismankia 18" height 8'	5	2000	10,000
6	Cone Topehri 18" height 8'		5500	16500
7	Cono Carpus 12" height 8'	20	180	3600
8	Rlumbego i6pt height 1-2		150	1500
9	Star Jasmin 12"	45	2.50	11250
	Jatropha 14" hoybers	33	250	8250
10	Bamboos Conocarpus 14" height B'	76	400	30400
11			350	8400
12	Bogunvilla 14" height 6'-8' Lagerstomia 18" height 6'-8'	27	2500	67.500
13	Log			
				236000 Total
		-]	230000 10000



Dear Sir,

JAMAL PIPE INDUSTRIES (PVT) LTD.

Manufacturers of M.S. & G.I. Steel Linepipes

M/S: MM Pakistan (Pvt.) Ltd.

Ref : JPI/ 686 /2022 Dated: 12 Oct, 2022

SUBJECT: QUOTATION FOR THE SUPPLY OF LIGHTING POLES

We are pleased to quote our most competitive rates of your required Lighting Poles are as under:

S.NO. **DESCRIPTION OF ITEMS EX-WORKS RATE/POLE** 1. Rs: 73,000/-**Four Arm 10 Meter High Octagonal Pole** Hot Dip Galvanized **Specification: Base Dia** = 180mm Top Dia = 60mm = 4.00mm Thickness = 9000mm Shaft "L" Pole "H" = 10000mm Arm Dia = 60mm x 3.00mm Thk Arm "L" = 1000mm **Base Plate** = 400 x 400 x 20mm Thk Top Ring Rs: 140,000/-2. 12 Meter High Octagonal Pole 3. Hot Dip Galvanized **Specification:** Base Dia = 225mm = 100mm Top Dia Thickness = 4.50mm Shaft "L" = 11500mm Pole "H" = 12000mm = 36" x 2" (OD 60mm x 3.00mm & 1/2 x3.0 Thk) Top Ring Dia **Base Plate** = 470 x 470 x 20mm Thk Stiffener $= 100 \times 350 \times 20$ mm Thk

Hoping to receive favorable response from your side

Term & Conditions

- 1. The above rates are valid for 07 days
- 2. Inspection at our works Lahore (If Required)
- 3. Payment 100% advance

Thanking You

For JAMAL PIPE INDUSTRIES (PVT) LTD

TANVEER HUSSAIN Mob: 0313-4013523



ISO 9001:2015 Certified Company

HEAD OFFICE: 88-Railway Road, Lahore - 54000 Pakistan. UAN: 111-808-909 Fax:(042) 37650808 FACTORY: 12 K.M. G.T. Road, Shahdara, Lahore. Pakistan. Tel: 37960515-37960516 Fax: (042) 37964416 E-mail: jamalpipe@yahoo.com, info@jamalpipe.com.pk Website: jamalpipe.com.pk

SHALIMAR SUBMERSIBLE PUMPS & FOUNTAINS

Submersible Pumps for clean Water, waste water, non clogging griding pumps, garden Lights and submersible under water lights, high efficiency Rain guns

DATE: 25/10/2022

QUOTATION

To Kind Attention:

M M PAKISTAN

SR	DETAILS	RATE	QTY	TOTAL
1	Submersible Pump 2 HP, 1 phase, 220v,	30,000	1	= 30,000/-
	50hz, clean water pump, with 99.99 %			
	copper winding, ss nutt bolt, carban			
	steel shaft,			
	TOTAL AMOUNT			

Note:

- > 50 % advance payment , 50% before delivery.
- > Warranty 1 year.
- > Transportation cost customer responsibilities.
- > This quotation without any taxes.

Best Regards,

Farrukh Mirza

CEO

Shop#2, Super Market Opp Govt Collage, 99-Railway Road Lahore tell: 042-37664627,36542404

Mobile # 0300-9459249 ,0322-8459249

SHALIMAR SUBMERSIBLE PUMPS & FOUNTAINS

SUBMERSIBLE PUMP 2 HORSE POWER (1 PH) (2850 RPM)

Туре	Squirrel Cage Industrial Motor					
Rated Voltage	220V , 1 PH , 50 Hz					
Protection Class	IP 68					
Eletrical Connection	DOL					
Finish Color	EPOXY PAINTED					
Cable Size	70/76					
Coupling Method	DIRECT					
Insulation Class	F					
Rated Out Put	2 HORSE POWER					
Rated Current	10.5 A					
No.Of Pole	2					
Rated Speed	2850					
Full Load Efficiency	70%					
Bearing Type	BOLL Bearing					
Motor Body	Cast Iron					
Pump Data Sheet						
Execution						
Pump Type	Submersible					
Service	Fountain Pumps					
Arrangement Suspended						
SERVICE CONITION						
Specific Gravity	1					
Тетр	Less Then 50C					
Flow	23 CU.M/Hr					
Total Dynamic Head	8 M					
Hydraulic Efficiency	35%					
Nutt Bolt	S S STEEL					
Dischareg Flange size	2 inch					
Impeller	2 FIN					
Free Passage	e Passage 1.5 MM					
Material						
Pump Body	ump Body Cast Iron					
Impeller	Bronze , cast iron, s s material					
Static Sealing Ring	Tungdsten Carbide Vs Tungdsten Carbide					
Rotary Static Ring	Tungdsten Carbide Vs Tungdsten Carbide					
Shaft	carban Steel					
Double Lip Mechanical Seal	Synthetic Rubber					

Perfomance Specfication

Panasonic

ideas for life

Photoelectric EE Switches (Daylight Switches)

Made in Japan



NOTE: If higher load current capacity is required for controlling greater number of lamps, please use Contactors with the above EE SWITCHES.

+ Till available in stock. Alternate Model on Page 255.

FEATURES & APPLICATIONS FOR "EE SWITCHES":

- For Automatic Switching of Garden lamps, Gate lamps, Window & Showcase lamp, shopping arcades, Illuminated signs and Street lamps.
- For Automatic Switching of Factory and Work site lamps.
- Model: EE8020-821 is particularly suitable for roads & highways lighting and park lighting.
- No false switching due to momentary high brightness such as from Automobile headlights.
- Un-affected by light from controlled lamps due to downward mounting.
- High Speed Switching mechanism.
- EE Switches are provided with built-in arresters for protection against Lightning surge.

NOTE:

This list is subject to change without notice and goods being in stock. The prices in the list are reference prices and not sale prices. Discounts/Multipliers are applicable. The delivery, packing and forwarding charges are extra. All despatches are made on buyer's risk and account.

SUMMER ELECTRICAL WORKS

MMP PVT LIMITED

INVOICE # 2620 15-August-2022

To MMP Electrical Division

QTY	DESCRIPTION	UNIT PRICE	TOTAL	
	Supply, installation and commissioning of following items from recommended manufacturer, complete in all respects.			
08	Ceiling fan 56" Sweep	6,995	55,960/-	
04	Bracket fan 18" Sweep	6,000	24,000/-	
	PKR 79,960/-			

THANK YOU FOR YOUR BUSINESS!

ANNEXURE – C

Economic Analysis, Sensitivity Analysis & Cost Benefit Ratio

Punjab Cities Program (PCP)

Construction of Kala Gujran Park – Jhelum City

1. Project Benefits and Analysis

Parks and green spaces have intrinsic value, but they also provide a range of direct and indirect benefits that support healthy, productive lives and resilient, cohesive communities.

Just as water, sewer, and public safety are considered essential public services, parks are vitally important to establishing and maintaining the quality of life in a community, ensuring the health of families and youth, and contributing to the economic and environmental wellbeing of a community and a region.

The project's main objective is to provide the local peoples a recreational space with all the allied facilities proposed to be provided as listed below:-

- Rehabilitation of Boundary Wall and Main Gate
- Construction of New Cafeteria for the Visitors.
- Construction of public toilets for males and Females
- Construction of Pathways / Walkways
- Construction of Jogging Tracks.
- Grass, Tree Plantation
- Provision of indoor Play area
- Provision of Guard Rooms (Security measures for the public)
- Provision of Sitting spaces / benches
- Recreational activities for the children's
- Community development through improving basic infrastructure
- Clean and green environment for better living standards

In urban areas, community parks may be one of the only options for residents to enjoy nature and be active. The benefits of parks make them irresistible to surrounding residents.

Parks and recreation have three values that make them essential services to communities:

- 1. Economic / Financial value
- 2. Social Importance
- 3. Environmental benefits

2. Financial and Economic Values

Economic analyses compare the benefits and costs and return to the economy as a whole. While, the financial analyses of the project compare direct benefits/revenues, costs and return to the individual investor / enterprise OR operating authority.

Economic and Financial values of the investment in park are to be assessed by comparing its benefits with project Cost. However, its benefits are more social, mostly not measureable.

1.1. Project Costs

1.1.1. Capital Costs

Project capital cost for provision of above mentioned facilities works out as Rs.151.74 million.

In Economic term, these costs are calculated out as Rs. 133.531 million by applying SCF (Standard Conversion Factor) of 0.88.

1.1.2. O&M Costs

Financial and Economic benefits against the subject capital cost are detailed below:-

O&M Costs cost would be responsibility of Municipal Committee, Jhelum

1.2. Financial

Financial revenues comprise to the direct financial earning (to the investor) which for the subject parks may be collected through;-

- 1) Rent charged to New Cafeterias
- 2) Fee charged to indoor Play area activities (if any) to the users
- 3) Fees charged on toilet use

However, provision of park and green space facility in cities is a public good and responsibility of the Government. Such investments are not to be recovered by rents/taxes/fees/charges by public in Pakistan. Park users are thereby not supposed to be taxed OR levied fees/charges for using such facilities. No revenues (public or private) are thereby anticipated to be directly generated. Hence, a financial analysis is not required as there is no positive cash flow or direct revenue stream that contributes to the calculation of an internal rate of return (IRR) or payback period or cost-benefit ratio calculations.

1.3. Economics

Parks and recreation programs may generate revenue directly from fees and charges, but more importantly, provide significant indirect revenues to local and regional economies from sports tournaments and special events such as arts, music, and holiday festivals. Economic activity from hospitality expenditures, tourism, fuel, recreational equipment sales, and many other private sector businesses is of true and sustained value to local and regional economies.

Parks are a strong source of positive economic benefits. Economic direct measureable benefits in terms of their economic impacts on individuals and communities may include:

- i) Increased property value in vicinity area
- ii) Reduce health expenses / costs
- iii) Generate sales / business / commercial activity

Some other indirect economic benefits may include:

i) attracted new jobs and employees

- ii) attract new residents and businesses to an area
- iii) attract home-buyers
- iv) reduced levels of stress
- v) parks strengthenF local economies and create job opportunities

All above stated benefits to the public are highly subjective, thereby not possible to be measured. Thereby, no cost/benefit economic analysis to be undertaken.

1.4. Financing Arrangements

The Project is being financed by World Bank as donor along with 20% co-financing from the Program MCs and is not proposed to be financed out of Block Allocation. This program is included in the medium term / five-year plan and has been kept funding provision in ADP 2022-23

1.5. Social Importance

Parks are a tangible reflection of the quality of life in a community. Parks are socially beneficial to humans by many ways and for many reasons:-

- i) Parks Foster Mental, Physical and Spiritual Health
- ii) Parks Encourage Physical Activity. ...
- iii) Parks Advance Health Equity. ...
- iv) Parks Help Kids Flourish. ...
- v) Parks are a Powerful Prescription to Combat Chronic Disease.
- vi) Encouraged neighbours to get to know each other
- vii) Promoting Community Wellness and community strengthening by
 - Providing spaces for kids and adults to gather and meet new people who enjoy similar activities.
 - Providing space/place for large gatherings (like parties or reunions) for health and wellbeing that are accessible by persons of all ages and abilities, especially to those with disabilities
 - Encouraging physical Activity and its positive impact on Kids
 - Creating Safe Gathering Place
 - Cost-effective activities to keep kids occupied.
 - Offering Family Bonding Sites
 - Creating Social Equality
 - Providing access to recreational opportunities
 - Promoting Community Wellness
 - Providing Connection Space- Community parks can be spaces for kids and adults to gather and meet new people who enjoy similar activities.
 - Making our cities and neighborhoods more attractive places to live and work
 - Attracting all ages especially children and retirees

Access to parks and recreation opportunities has been strongly linked to reductions in crime and to reduced juvenile delinquency.

1.6. Environmental Benefits / impact

Parks help to fight pollution, encourage biodiversity in city centers, help to control temperatures and humidity, provide aesthetic and recreation benefits to our cities. They function as an environmental purifier.

Some major environmental benefits may include:

- i) Parks provide intrinsic environmental, aesthetic, ecological and recreation benefits to our cities-
- ii) Parks are key to ensuring the health of our environment because they play a critical role in maintaining healthy ecosystems, providing clean water and enabling conservation of natural resources.
- Open space reduce costs related to pollution. (One tree reduces air pollution control costs by \$62,000, recycles \$37,500 worth of water, and controls \$31,250 worth of soil erosion, according to the U.S. Forest Service Study)
- iv) Parks lower temperatures- (Green spaces to help ease residents' discomfort from the heat concrete surfaces and buildings absorb)
- v) Clearing the Air -- In cities, air pollution from cars and industrial plants can reach dangerous levels for the residents. Planting trees in recreation areas can combat this problem. Each acre of tree cover can remove 80 pounds of pollution from the air

1.7. Impact of delays on project cost and viability

Delays in the project will cause the total cost of the project to go up due to ever increasing inflationary pressures.

ANNEXURE – D

Implementation Period (Gant Chart)

CONSTRUCTION OF NEW PARKS IN JHELUM CITY									
Project Implementation Period Chart									
Activity	Apr	Мау	Jun	Jul	Aug				
	2023	2023	2023	2023	2023				
KALA GUJRAN									
	Project Implement	Project Implementation Activity Apr 2023	Project Implementation PeriodActivityAprMay20232023	Project Implementation Period ChartActivityAprMayJun202320232023	Project Implementation Period ChartActivityAprMayJunJul20232023202320232023				

ANNEXURE – E

Environment & Social Mitigation Cost

Environmental and Social Screening Checklists of the Sub-Project

Construction of new Park in Jhelum City Environmental & Social Screening Checklist

Instructions:

Environmental and Social Focal Persons (ESFPs)¹ nominated by the MCs for PCP environmental and social management, will use this checklist in field for environmental and social screening and categorization of each and every sub-project proposed to be executed under the Program.

Deputy Program Officers-Environmental and Social Management deputed by PMDFC in regional offices will technically assist and support the ESFPs/MCs in filling in of this Checklist

It is to be attached with the main document² of sub-projects at planning stage and will be duly signed by the relevant ESFP and endorsed by the respective DPO-ESM

This checklist focuses on environmental issues and social concerns. To ensure that social dimensions are adequately considered, Involuntary Resettlement Screening Checklist will also be used

The purpose of this E&S Screening Checklists is to identify potential "Negative" impacts of environmental and social attributes or to enhance the existing environmental & social benefits. Use the "remarks" section to discuss any anticipated mitigation measures.

Name of ESFP: Muhammad Ahmad MOI&S/ Muhammad Dawood MOP Name of MC: Jhelum **Sub-Project Sector:** parks **Sub-Project Title:** Construction of New Kala Gujran Park in Jhelum 5 acre **Sub- Project Categorization:** E-1 & S-2

Date of Screening:

10-09-2022

Anticipated Project Activities

Build A Jogging Track And Pathway, Supply Of Ornamental Plants And Benches, Construct A Rainwater Recharge Structure And Well, Build A Cafeteria And Toilets, Installation Of Swings, Installation LED Lights And Poles, Construction Of Gazebos, Development Of Parking Outside The Park With Tuff Pavers, Fountain Development And Roundabout Sitting, Construction Of Main Gate,

¹In all MCs, ESFPs are to be notified by Local Government; MO (I&S) are focal persons for environmental sector and MO (P) are focal persons for social sectors.

Rehabilitation Of Existing Benches, Construction Of Boundary Wall, Construction Of Indoor Sports

Area, Construction Of Net Cricket.

It may be concluded that the subproject would have moderate environmental impacts so subproject is categorized as **environmental category E1** therefore Initial Environmental Examination (IEE) will be required.

However, sub-project do not involve any human displacement or resettlement but it may cause temporary disturbance and localized impacts on the local communities so it is characterized as **social category S2**.

Moreover, the subproject will require construction labor/ workers for the execution therefore Environment, Health and Safety SOPs developed by PMDFC, will be applicable and followed by the contractor.

The cost for the implementation of Environment and Social Management Plan (ESMP) including

Environment, Health and Safety SOPs for labor will be 1.041 million PKR to be borne by the

contractor as mentioned in the bidding document for the subproject.

Estimated Cost of Subprojects	156.10 Million PKR	
Tentative Completion Time/Duration	6 months	
Estimated Labor for Subproject	20	

Screening Questions	Yes	No	Remarks
A. Project Siting Is the Sub-Project area adjacent to or within any of the following:	F		
Environmentally sensitive areas?			
Legally protected Area		\checkmark	Legally protected area not recorded nearby to the city.
Any surface water body (river, canal, stream, lake, wetland) within 250 meter of the proposed road		✓	Not observed
Estuarine		\checkmark	Not applicable
Special area for protecting biodiversity		~	Biodiversity protected area not recorded nearby to the city.
Buffer zone of protected area		\checkmark	Not applicable
Mangroves Forest		✓	Not applicable
Man-made forest /game reserve, orchid /crops or any other area of environmental importance		~	Not observed
Socially sensitive /important areas/communities/ people?			
Physical Cultural Resources (PCRs) and or any site of cultural/religious importance (Graveyard, Shrine, Mosque, Church, <i>Gordwarah</i> , Temple Fort, archeological/historical site) within 100 m of the proposed subproject	\checkmark		One shrine observed
Sensitive receptors (Schools, colleges, hospitals and clinics) within 100 meter of the proposed sub project ³			3 school observed
Any graveyard of local community (Muslims or Christians)		~	Not applicable
Any demographic or socio-economic aspects of the sub-project area that are already vulnerable (e.g., high incidence of marginalized populations, rural- urban migrants, illegal settlements, squatters, ethnic minorities, people with disabilities, people in old age, socially isolated segments ⁴ of the society and women or children)?		~	Not applicable
Already existing infrastructure ⁵ (including public amenities) which may be required to dismantle or may be affected temporarily by any means?		\checkmark	Not applicable
B. Potential Environmental Impacts Will the Sub-Project cause			
 Disturbance to habitats/biodiversity of environmentally sensitive or protected areas? 	F	√	Not applicable
2. Cutting of trees?		✓	Not applicable
3. Disruption to habitats/biodiversity of surrounding ecosystem/environment?	F	✓	Not applicable
4. Generation of wastewater during construction or operation?			The domestic wastewater collected from the septic camp of labor camp will be disposal in the nearby sewerage lines.
5. Pollution of surface water/ground water due to wastewater discharge from construction site or due to direct/indirect disposal of waste water?			Domestic waste water will be produced during construction but the waste will be collected in septic tanks.

	Screening Questions	Yes	No	Remarks
6.	Alteration of surface water hydrology of waterways resulting in increased sediment in streams/rivers or due to increased soil erosion at construction site?		~	No such activity is foreseen
7.	Deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction?		~	No deterioration in surface water quality is anticipated
8.	Over pumping of ground water, leading to salinization and ground subsidence?		~	Pumping of groundwater is expected on small scale only for construction purpose
9.	Serious contamination of soil due to construction works?		√	No serious contamination of soil is foreseen
10.	Aggravation of solid waste problems in the area?	~		Construction waste generated during road improvement will be collected and disposed of at designated place to avoid solid waste problem in the project area
11.	Generation of hazardous waste?	~		Solid waste will be generated during dismantling of existing infrastructures which will be disposed of to a designated place approved by the MC
12.	Increased air pollution due to sub-project construction and operation?	✓		Increased air pollution due to smoke and dust generated by the movement of vehicles and construction machinery at project site is expected. The mitigation measures include control on speed limit of project vehicles and use of construction machinery in good working condition and regular sprinkling of water at dust prone roads/site.
13.	Noise and vibration due to sub-project construction or operation?	×		The noise pollution during construction phase because of project vehicles and construction machinery is expected. The mitigation includes use of tuned vehicles and machinery will be ensured. Vibration abating devices will be used. Use PPEs by labor will be ensured. The working hours will be scheduled and restricted in school, colleges and prayers timings in daytime only.
14.	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents due to solid/liquid?	✓		The stagnant water in construction areas may create temporary breeding habitat for mosquitoes and resulting in

⁴due to caste, creed, religion or gender e.g. transgender

⁵Sewerage /Drainage system, Water supply lines, tube-wells, WAPDA/Telephone transmission lines/electric poles, Railway tracks, Gas pipelines, Roads, Shops/Plazas, Banks, Industry, Disposal stations etc.

	Screening Questions	Yes	No	Remarks
				dengue issue. Proper housekeeping and tidy conditions will avoid the creation of breeding habitats. Use of anti-mosquito spray will be ensured
15.	Use of chemicals during construction?		\checkmark	Not applicable
	Potential Social Impacts I the Sub-Project cause…			
1.	Impairment of historical/cultural areas; disfiguration of landscape or potential loss/damage to Physical Cultural Resources (PCRs)?		~	Not applicable
2.	Displacement or involuntary resettlement of people? (physical displacement and/or economic displacement) (If "Yes", please also fill Involuntary Resettlement Screening Checklist)		~	Not applicable
3.	Disproportionate impacts on the poor, women and children and or other vulnerable groups (mentioned above)?		~	Not applicable
4.	Temporary impediments in movements of people/transport and animals?	V		The movement of people may put some impediments during dismantling of existing drain and construction of new drains. Traffic management Training will be provided to drivers. Alternative routes will be provided to community.
5.	Large population influx during sub-project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?		~	The proposed intervention of construction of storm water drains requires 20 working staff at a time and thus largescale population influx is not foreseen. The contractor to establish construction camp at appropriate place at open place sufficiently away from the populated area.
6.	Social conflicts if workers from other areas are hired?		~	In IEE, the contractor will be bound to prefer local labor to avoid social conflicts.
7.	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological, and radiological hazards during project construction and operation?	✓		Binding of contractor to take care of H&S aspects. Supervision consultants to monitor the OHS aspects.
8.	Risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?	✓		During construction phase only. Contractor staff to be trained for waste management.
9.	Community safety risks due to both accidental and natural causes, especially where the structural elements or components of the project are accessible to members of the affected community or where their failure could	✓ 114		Contractor staff to be trained w.r.t H&S issues. Liaison with local emergency services and hospitals.

Screening Questions	Yes	No	Remarks
result in injury to the community throughout project construction, operation and decommissioning?			
10. Any impact on sensitive receptors (mentioned above)		\checkmark	Not applicable
11. Any impact of negative nature on already existing infrastructure including public amenities		~	Not applicable

Prepared By:	Reviewed By:	Endorsed By:
Name: Mujhammad Hanan	Name: Tehmina Kiran	Name: Muhmmad Ahmad
Designation:Env Specialist	Designation:PO ESM-PMDFC	Designation: MOI&S
Signature	Signature	Signature

Involuntary Resettlement Screening Checklist

Name of City/MC/LG: Jehlum ESFP: Muhammad Dawood MOP

Sub-Project Sector: Parks

Sub-Project Title: Construction of New Kala Gujran Park in Jhelum 5 acre

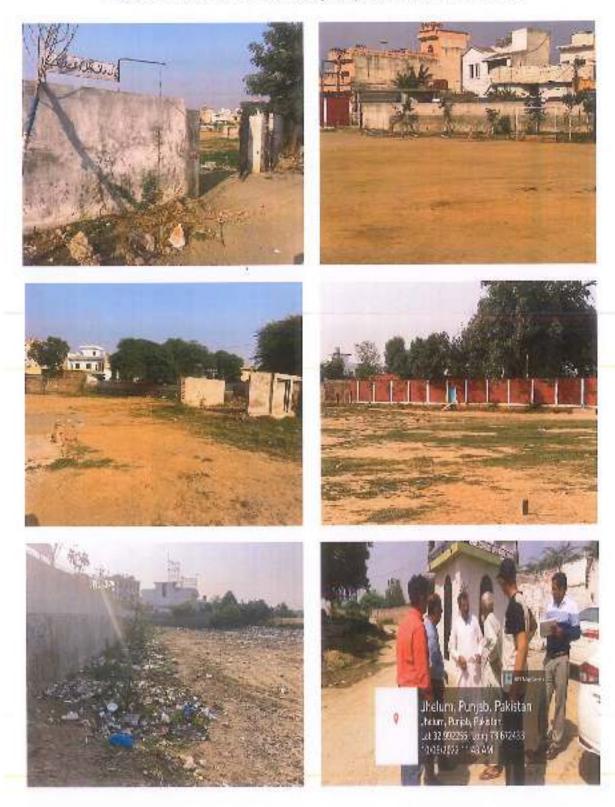
Sub- Project Categorization:S-2

Date of Screening: 10-9-2022

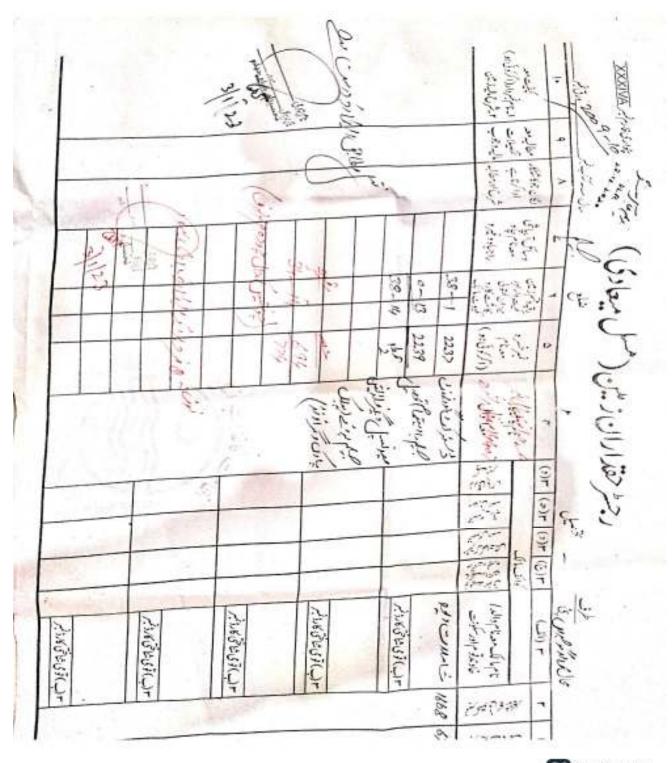
Screening Questions	Yes	No	Expected	Remarks
Does the project require land acquisition? Yes/No		~		MC onwed land
If yes, then describe the type of land being acquired from the categories below:		~		Not applicable
Has any AED been conducted at the proposed location by the government1? Yes/No		~		No AED has been conducted at the propsoed site.
Land (Quantify and describe types of land being acquired in "remarks column".		~		Not applicable
Government and LG owned land free of occupation (agriculture or settlement)		~		Not applicable
Government or state-owned land (other than LG) free of occupation (agriculture or settlement)		~		Not applicable
Private land		~		Not applicable
Residential		~		Not applicable
Commercial		~		Not applicable
Agricultural		~		Not applicable
Communal		~		Not applicable
Others (specify in "remarks").		~		Not applicable
Name of owner/owners and type of ownership document if available.		~		Not applicable
If land is being acquired, describe any structures constructed on it		~		Not applicable
Land-based assets:		~		Not applicable
Residential structures		~		Not applicable
Commercial structures (specify in "remarks")		~		Not applicable
Community structures (specify in "remarks")		~		Not applicable
Agriculture structures (specify in "remarks")		~		Not applicable
Public utilities (specify in "remarks")		~		Not applicable
Others (specify in "remarks")		~		Not applicable
If agricultural land is being acquired, specify the following:		~		Not applicable
Agriculture related impacts		~		Not applicable
Crops and vegetables (specify types and cropping area in "remarks).	116	~		Not applicable

Trees (specify number and types in	"remarks").		✓		Not applicable
Others (specify in "remarks").			 ✓ 		Not applicable
Affected Persons (APs)			✓		Not applicable
Will any people be displaced from acquired? Yes/No	the land when		~		Not applicable
Number of APs			~		Not applicable
Males			~		Not applicable
Females			 ✓ 		Not applicable
Titled landowners			~		Not applicable
Tenants and sharecroppers			~		Not applicable
Leaseholders	Leaseholders		~		Not applicable
Agriculture wage laborers			~		Not applicable
Encroachers and squatters (speci column)	fy in remarks		~		Not applicable
Vulnerable APs (e.g. women heade minors and aged, orphans, disable those below the poverty line).	d persons, and		~		Not applicable
number and vulnerability in "remain					
Others (specify in "remarks")			~		Not applicable
How will people be affected?			~		Not applicable
Prepared By:	Reviewed E	By:			Endorsed By:
Name: Nasir Altaf	Name: Tehmina Kiran			Name: Muhmmad Dawood	
Designation:Social Safeguards			Designation:PO ESM-PMDFC		Designation: MOP
Specialist		0 1.0	171-1 1V1L		
•	Signature				Signature
Signature					

Pictures of Peer Azmat kala Gujran park Jhelum Field Visit



Land owner ship Document



CS CamScanner

Estimated IEE Implementation Cost Constrcution of Kala Gujjran Park							
Item	Quantity	Tentative Cost/Item- Rs./-	Total Cost				
A-PPEs							
Face Masks (3 PLY) - box	30	300	9000				
Safety Hard Helmets	15	3,000	45000				
Safety Shoes	15	3,000	45000				
Hand Gloves	15	1,000	15000				
Ear Plugs	15	500	7500				
Reflective Safety Vest	15	1,000	15000				
Safety Goggles	15	500	7500				
B-Community Health and S	afety		0				
First Aid Box Complete	1	10,000	10000				
Infrared Thermometer (Benetech GM-2200 or equivalent)	1	40,000	40000				
Safety Signs	5	15,000	75000				
Safety Cones	10	1,000	10000				
Safety Tapes	20	1,500	30000				
Emergency Portable Lights	2	3,000	6000				
Fire Fighting Equipment Purchase and refilling	1	10,000	10000				
Pole Hanging Waste Bins	1	12,000	12000				
Labor Campsite Management	Lur	np sum	100,000				
Social and Behavior Change Campaign	Lur	np sum	100,000				
C- Environment Quality Tes	sting						
Ambient Air Quality-during and after construction	2	85000	170000				
Noise Quality-one sample during & after construction	2	1000	2000				
Water Quality-one sample during & after construction	2	22000	44000				
Total (PKR)-A+B+C+D			753,000				

ANNEXURE – F

Drawings

Kala Gujran Park

Jehlum (Package I)





Consultants

Consu

Government of Punjab

Punjab Municipal Development Fund Company Development (PMDFC)

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Project

Finar

Punjab Cities Program (PCP)

Kala Gujran Park





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PUNJAB CITIES PROGRAM - (PCP) CONSTRUCTION OF NEW PARK **AT JHELUM**

01. KALA GUJRAN PARK AT JHELUM

MMP-1074P01-JHE-PARK-KGN-AR-01	SURVEY LAYOUT PLAN OF KALA GUJRAN PARK.
MMP-1074P01-JHE-PARK-KGN-AR- 26	PARK LAYOUT PLAN OF KALA GUJRAN PARK.
MMP-1074P01-JHE-PARK-KGN-AR- 551	LIGHT POLES LAYOUT PLAN
MMP-1074P01-JHE-PARK-KGN-AR- 552	LIGHT CONDUIT LAYOUT PLAN -1
MMP-1074P01-JHE-PARK-KGN-AR- 126	3D VIEW-01
MMP-1074P01-JHE-PARK-KGN-AR- 126	3D VIEW-02
MMP-1074P01-JHE-PARK-KGN-AR- 126	3D VIEW-03
	3D VIEW-04
	3D VIEW-05
	MMP-1074P01-JHE-PARK-KGN-AR- 26 MMP-1074P01-JHE-PARK-KGN-AR- 551 MMP-1074P01-JHE-PARK-KGN-AR- 552 MMP-1074P01-JHE-PARK-KGN-AR- 126

02. TYPICAL DRAWINGS OF KALA GUJRAN PARK AT JHELUM

1.	MMP-1074P01-JHE-PARK-TYP-MG-AR-501	ſ
2.	MMP-1074P01-JHE-PARK-TYP-BW-AR-501	E
3.	MMP-1074P01-JHE-PARK-TYP-CF-AR-501	(
4.	MMP-1074P01-JHE-PARK-TYP-CF-AR-502	(
5.	MMP-1074P01-JHE-PARK-TYP-CF-AR-503	(
6.	MMP-1074P01-JHE-PARK-TYP-CF-AR-504	(
7.	MMP-1074P01-JHE-PARK-TYP-CF-AR-505	(
8.	MMP-1074P01-JHE-PARK-TYP-CF-AR-506	(
9.	MMP-1074P01-JHE-PARK-TYP-CF-AR-507	(
11.	MMP-1074P01-JHE-PARK-TYP-CF-AR-551	E
12.	MMP-1074P01-JHE-PARK-TYP-CF-AR-601	\$
13.	MMP-1074P01-JHE-PARK-TYP-CF-AR-651	Ì
14.	MMP-1074P01-JHE-PARK-TYP-CF-AR-751	(
15.	MMP-1074P01-JHE-PARK-TYP-MFT-AR-501	ſ
16.	MMP-1074P01-JHE-PARK-TYP-MFT-AR-502	ſ
17.	MMP-1074P01-JHE-PARK-TYP-MFT-AR-551	E
18.	MMP-1074P01-JHE-PARK-TYP-MFT-AR-601	9
19.	MMP-1074P01-JHE-PARK-TYP-MFT-AR-651	Ŋ
20.	MMP-1074P01-JHE-PARK-TYP-MFT-AR-751	-
21.	MMP-1074P01-JHE-PARK-TYP-GB-AR-501	(
22.	MMP-1074P01-JHE-PARK-TYP-GB-AR-551	E
23.	MMP-1074P01-JHE-PARK-TYP-GB-AR-751	(
24.	MMP-1074P01-JHE-PARK-TYP-CB-AR-501	(
25.	MMP-1074P01-JHE-PARK-TYP-CB-AR-751	(
26.	MMP-1074P01-JHE-PARK-TYP-WIB-AR-501	Ň
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Consultants	Client	Financing Agency	Rev.	Date	Description Checked	Approve	d Title	Designed	MMP
MMP								Drawn	MMP
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CENTRAL DESIGN CELL							LIST OF DRAWING-01	Approved	PMDFC
 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 	Punjab Municipal Development	Project						Scale	As Shown
A 042-36292528	(PMDFC) Fund Company	Punjab Cities Program (PCP)							
	Department (PMDFC)	- ,					Drawing No.	Rev No:	0
					123		MMP-1074P01-JHE-PARK-LOD-01		
					123				

MAIN GATE DETAIL.

BOUNDARY WALL DETAIL.

CAFETERIA DETAIL-01.

CAFETERIA DETAIL-02.

CAFETERIA DETAIL-03.

CAFETERIA DETAIL-04.

CAFETERIA DETAIL-05.

CAFETERIA DETAIL-06.

CAFETERIA DETAIL-07.

ELECTRICAL LIGHTING & POWER LAYOUT PLAN.

SEWERAGE LAYOUT PLAN.

WATER SUPPLY LAYOUT PLAN.

CAFETERIA 3D VIEW.

MALE & FEMALE TOILET DETAIL-01.

MALE & FEMALE TOILET DETAIL-02.

ELECTRICAL LIGHTING LAYOUT PLAN.

SEWERAGE LAYOUT PLAN.

WATER SUPPLY LAYOUT PLAN.

TOILET 3D VIEW.

GAZEBO DETAIL.

ELECTRICAL LIGHTING LAYOUT PLAN.

GAZEBO 3D VIEW.

CONCRETE BENCH (TYPEA).

CONCRETE BENCH 3D VIEW.

WROUGHT IRON BENCH (TYPE-B) DETAIL-01.

PUNJAB CITIES PROGRAM - (PCP) CONSTRUCTION TYPICAL DRAWINGS OF NEW PARKS AT JHELUM

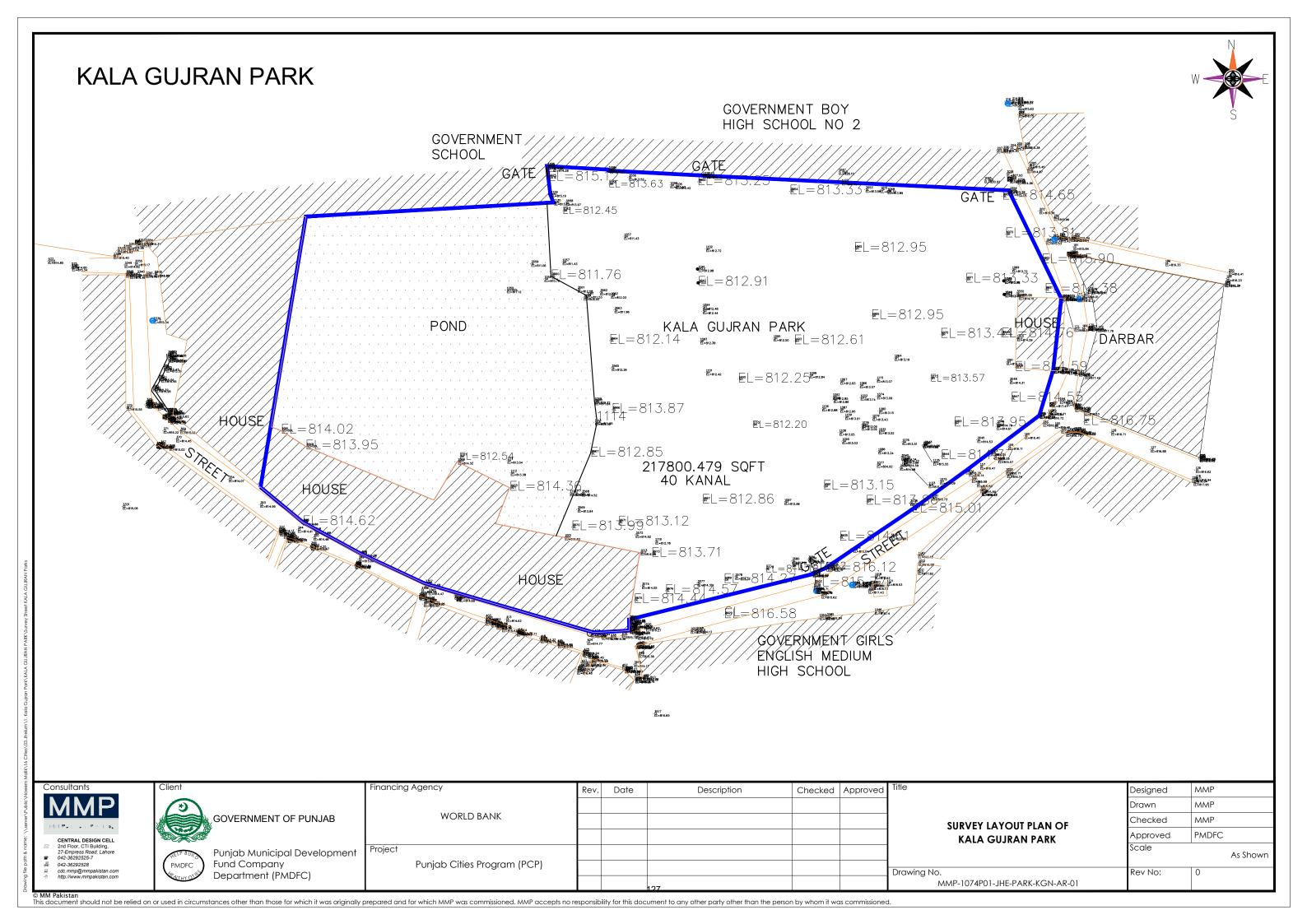
27.	MMP-1074P01-JHE-PARK-TYP-WIB-AR-502	WROUGHT IRON BENCH (TYPE-B) DETAIL-02.
28.	MMP-1074P01-JHE-PARK-TYP-WIB-AR-751	WROUGHT IRON BENCH 3D VIEW.
29.	MMP-1074P01-JHE-PARK-TYP-CM-AR-501	CONCRETE BENCH WITH M.S.TABLE (TYPE-C).
30.	MMP-1074P01-JHE-PARK-TYP-GR-AR-501	GUARD ROOM DETAIL.
31.	MMP-1074P01-JHE-PARK-TYP-GR-AR-551	ELECTRICAL LIGHTING & POWER LAYOUT PLAN.
32.	MMP-1074P01-JHE-PARK-TYP-GR-AR-751	3D VIEW.
33.	MMP-1074P01-JHE-PARK-TYP-JG-AR-501	JOGGING TRACK & PATHWAY DETAIL.
34.	MMP-1074P01-JHE-PARK-TYP-FD-AR-501	FINISHES DETAIL
35.	MMP-1074P01-JHE-PARK-TYP-NCK-AR-501	NET CRICKET DEATAIL-01
36.	MMP-1074P01-JHE-PARK-TYP-NCK-AR-502	NET CRICKET DEATAIL-02
37.	MMP-1074P01-JHE-PARK-TYP-WT-AR-501	UNDER GROUND WATER TANK DETAIL-1
38.	MMP-1074P01-JHE-PARK-TYP-WT-AR-502	UNDER GROUND WATER TANK DETAIL-2
39.	MMP-1074P01-JHE-PARK-TYP-WT-AR-503	UNDER GROUND WATER TANK DETAIL-3
40.	MMP-1074P01-JHE-PARK-TYP-JG-AR-751	PATH WAY 3D VIEW.
41.	MMP-1074P01-JHE-PARK-TYP-VT1-AR-501	VINE TUNNEL DETAIL-01 TYPE-B
42.	MMP-1074P01-JHE-PARK-TYP-VT1-AR-501	VINE TUNNEL DETAIL-02 TYPE-B
43.	MMP-1074P01-JHE-PARK-TYP-VT1-AR-501	STEPS / RAMP / KEYARI / PLANTER DETAIL
44.	MMP-1074P01-JHE-PARK-TYP-PB-AR-501	BENCH WITH PERGOLA DETAIL-1
45.	MMP-1074P01-JHE-PARK-TYP-PB-AR-501	BENCH WITH PERGOLA DETAIL-2
46.	MMP-1074P01-JHE-PARK-TYP-LG-AR-501	LEGEND.
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	onsultants	Client	Financing Agency	Rev.	Date	Description	Checked	Approved	Title
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Ø	CENTRAL DESIGN CELL 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7	Punjab Municipal Development	Project						
	042-36292528 cdc.mmp@mmpakistan.com http://www.mmpakistan.com	(PMDFC) Fund Company Department (PMDFC)	Punjab Cities Program (PCP)						Drawing No.
-						124			MMP-1074F

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	Checked	MMP
DF DRAWING-02	Approved	PMDFC
	Scale	As Shown
	Rev No:	0
4P01-JHE-PARK-LOD-02		

KALA GUJRAN PARK AT JHELUM

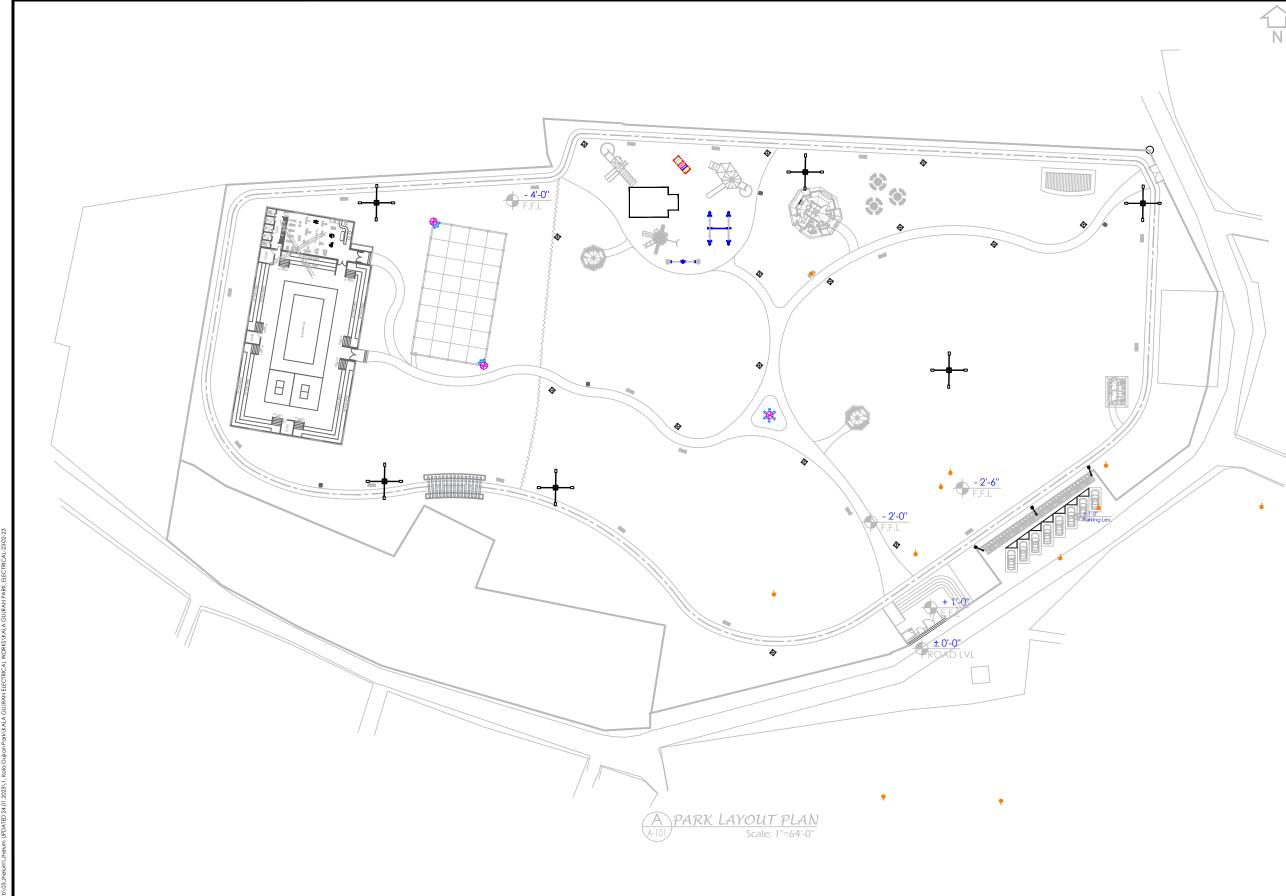
ARCHITECTURE DRAWINGS





	LEGEI	ND	
01	Terminalia Tree		
02	Phoenix Palm	*	
03	Alstonia tree	8	
04	GulMohar Tree	\odot	
05	Jacaranda Tree	63	
06	Үисса		
07	Rain Tree		
08	Plumbago	*	
09	Bismarkia		
10	Conocapus		the post of
11	Cone Topiary	*	
12	Lantana		
13	Bird Of Paradise	*	
14	Foxtail Palm	×	1
15	Star Jasmine	*	
16	Jatropha	*	
17	Kaner	*	
18	Bougain Plant	*	Kan
19	Lagerstroemia	N	
20	Alternanthera	1919	
21	Hibiscus	**	
22	Bamboos Conocarpus		
23	Fine Dhaka Grass		
24	Jogging Track		Meters 52 RFT.)
25	Area of Park	(18944	8.246 SFT.)
26	Concrete Bench With MS Table		
27	Concrete Bench		
28	Wrought Iron Benches		
29	Gazebo		
30	Public Toilets		
31	Cafeteria		
32	Lawn Light Pole		
33	High Luminance / Mast Pole		-
34	Dust Bin		
35	Rain Water Storage		
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	Approved Scale	PMDF	
			As Shown

ELECTRICAL DRAWINGS



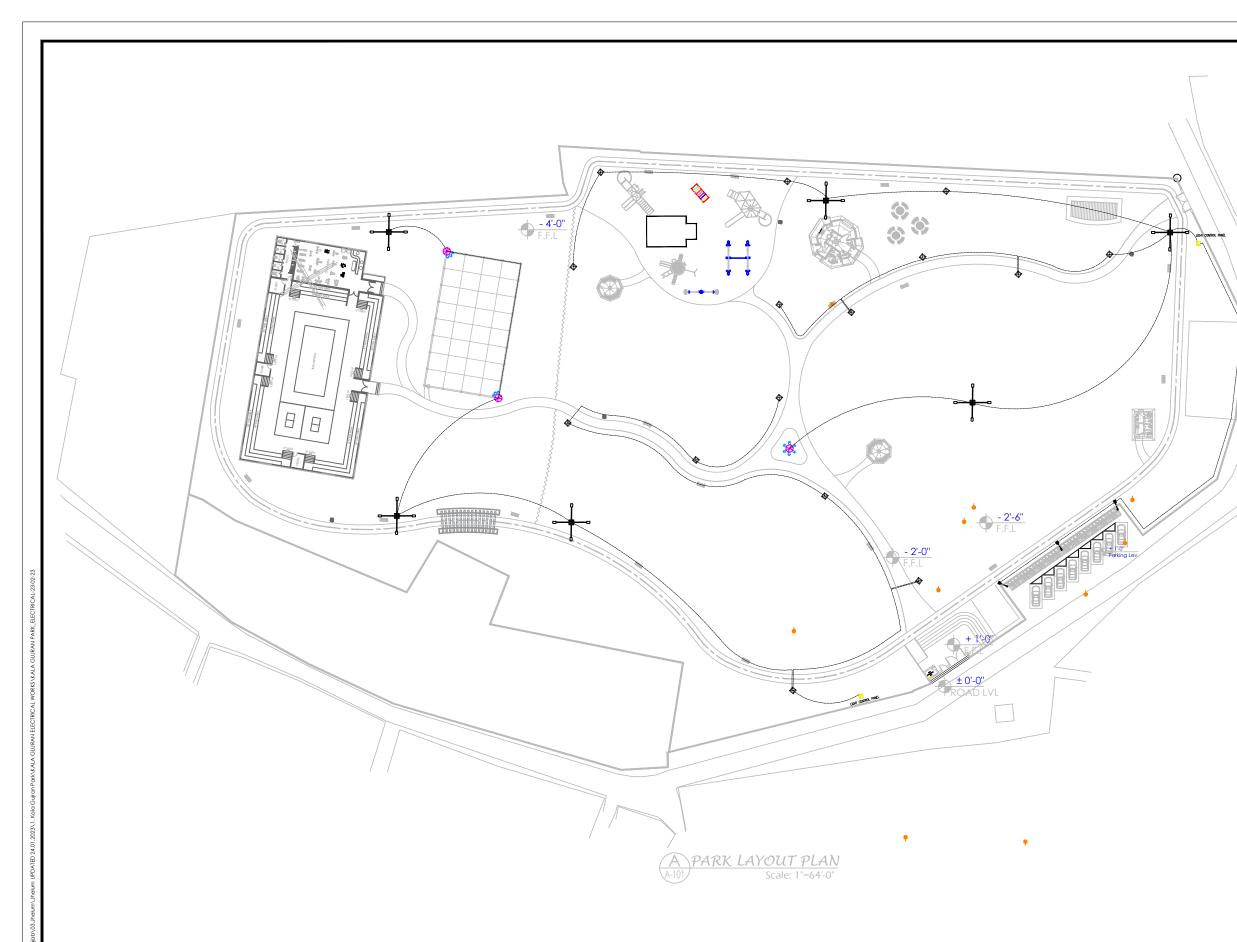
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CENTRAL DESIGN CELL 2nd Floor, CTI Building, 27-Empress Road, Lahore 4042-36292525-7	Punjab Municipal Development	Project						OF KALA
 GAL 012022020 GAL 042-36292528 Cdc.mmp@mmpakistan.com http://www.mmpakistan.com 	(PMDFC) Fund Company Department (PMDFC)	Punjab Cities Program (PCP)						Drawing No.
- http://www.himpakistan.com					130			MMP-1074P01



LEGEND EXTERNAL LIGHTING

Sr/No	NAME	SYMBOL
01	6FT ORNAMENTAL POLE WITH LAMINAR	X
02	I 0 METER FOUR ARM POLE WITH LAMINAR	
03	10 Meter Single Arm pole	;; 0
04	12 meter Ring Top Lighting Pole	\bigotimes
05	Wall Mounted Light Control Panel	
06	4-CORE 6mm-sq Cable (Buried underground in 25 mm PVC Conduit)	\frown
07	2-CORE 2.5 mm-sq Cable (Buried underground in 25 mm PVC Conduit)	\frown

	Designed	MMP
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OLES LAYOUT PLAN	Checked	MMP
LA GUJRAN PARK	Approved	PMDFC
	Scale	As Shown
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Consultants	Client	Financing Agency	Rev.	Date	Description	Checked	Approved	Title
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CENTRAL DESIGN CELL 2nd Floor, CTI Building, 27-Empress Road, Lahore 4042-36292525-7 042-36292528	Punjab Municipal Development	Project Punjab Cities Program (PCP)						OF KAL
 Cdc.mmp@mmpakistan.com http://www.mmpakistan.com 	Department (PMDFC)	r orijab cilics r rogiam (r ci j						Drawing No.
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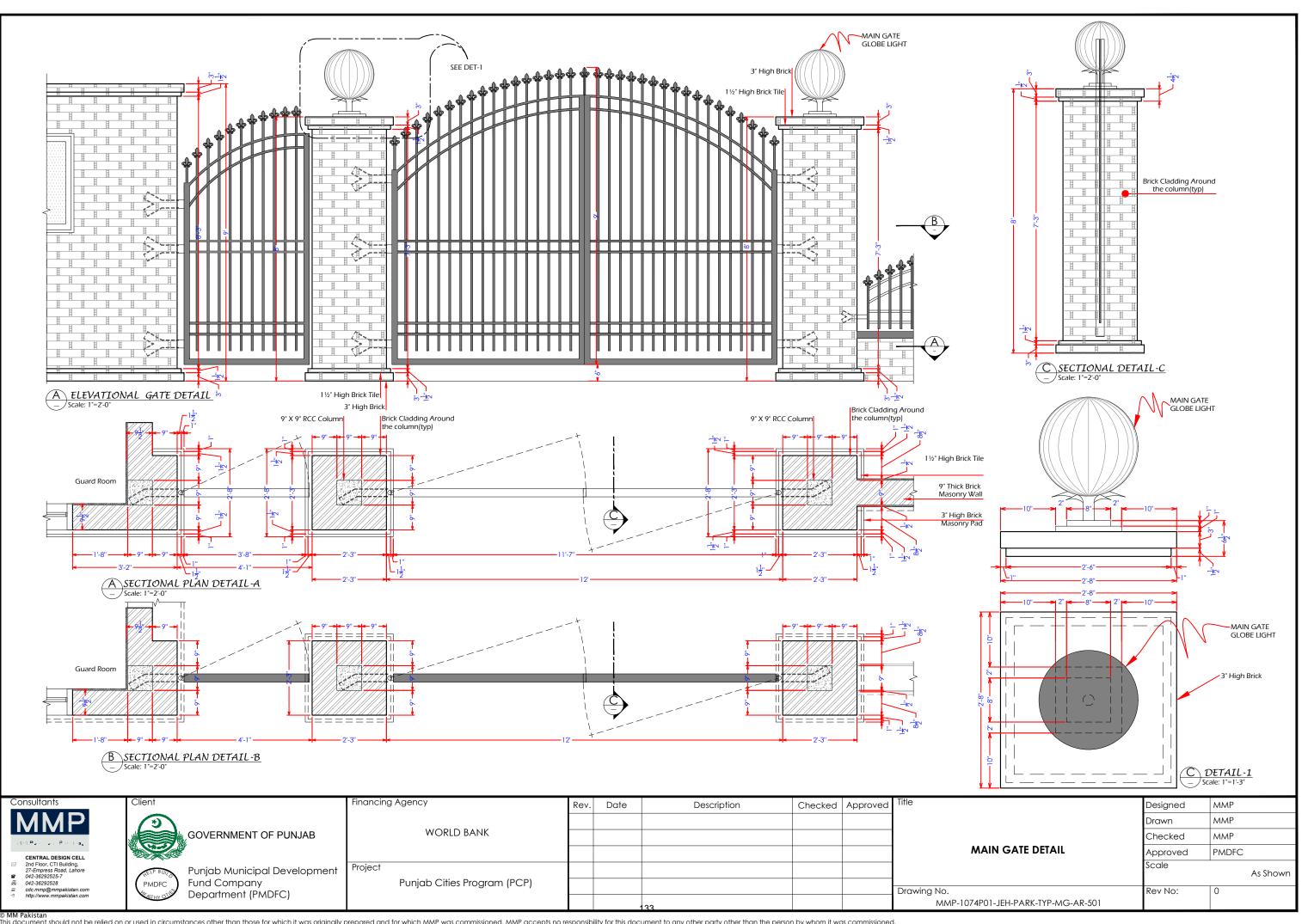


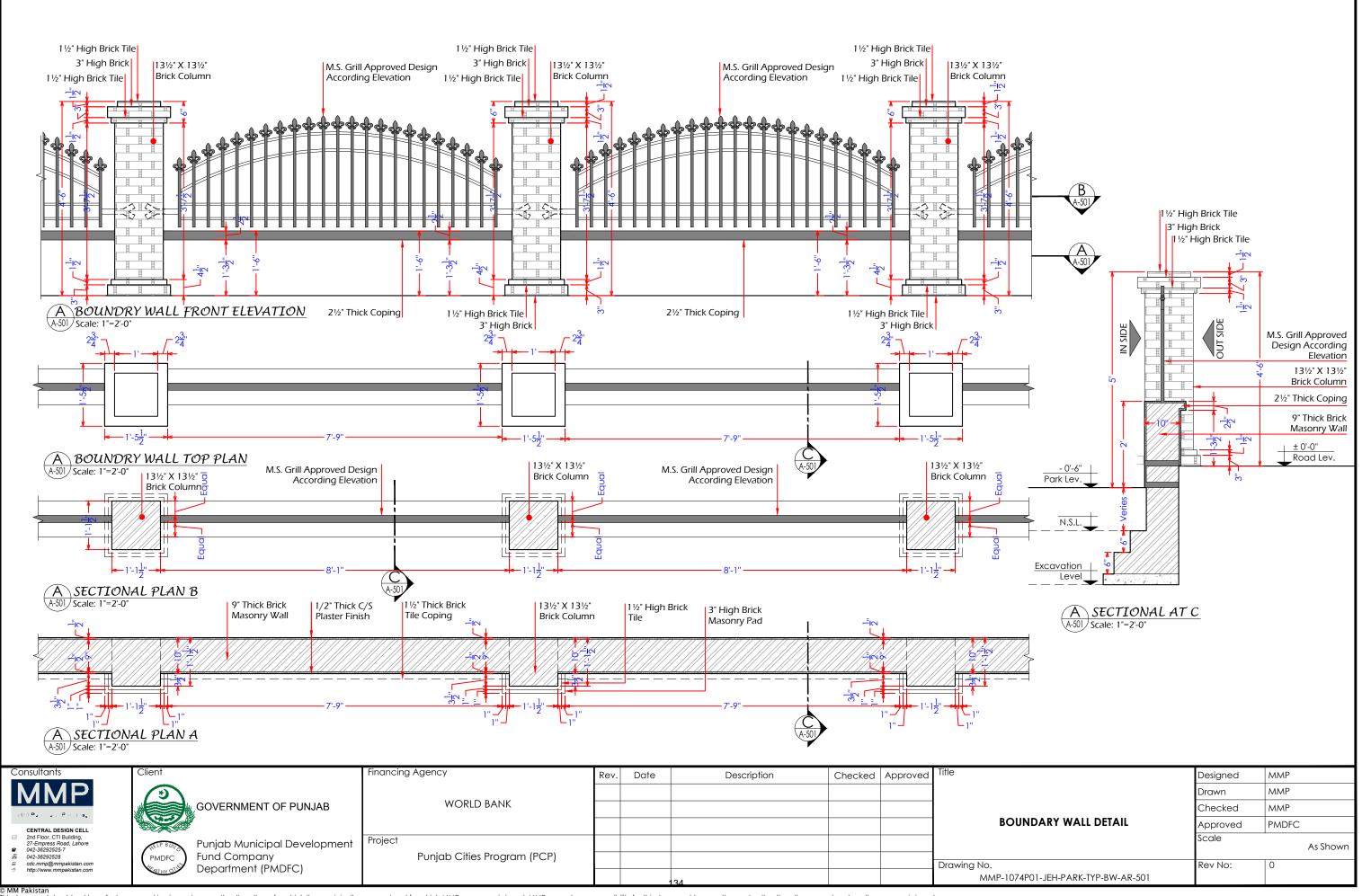
LEGEND EXTERNAL LIGHTING

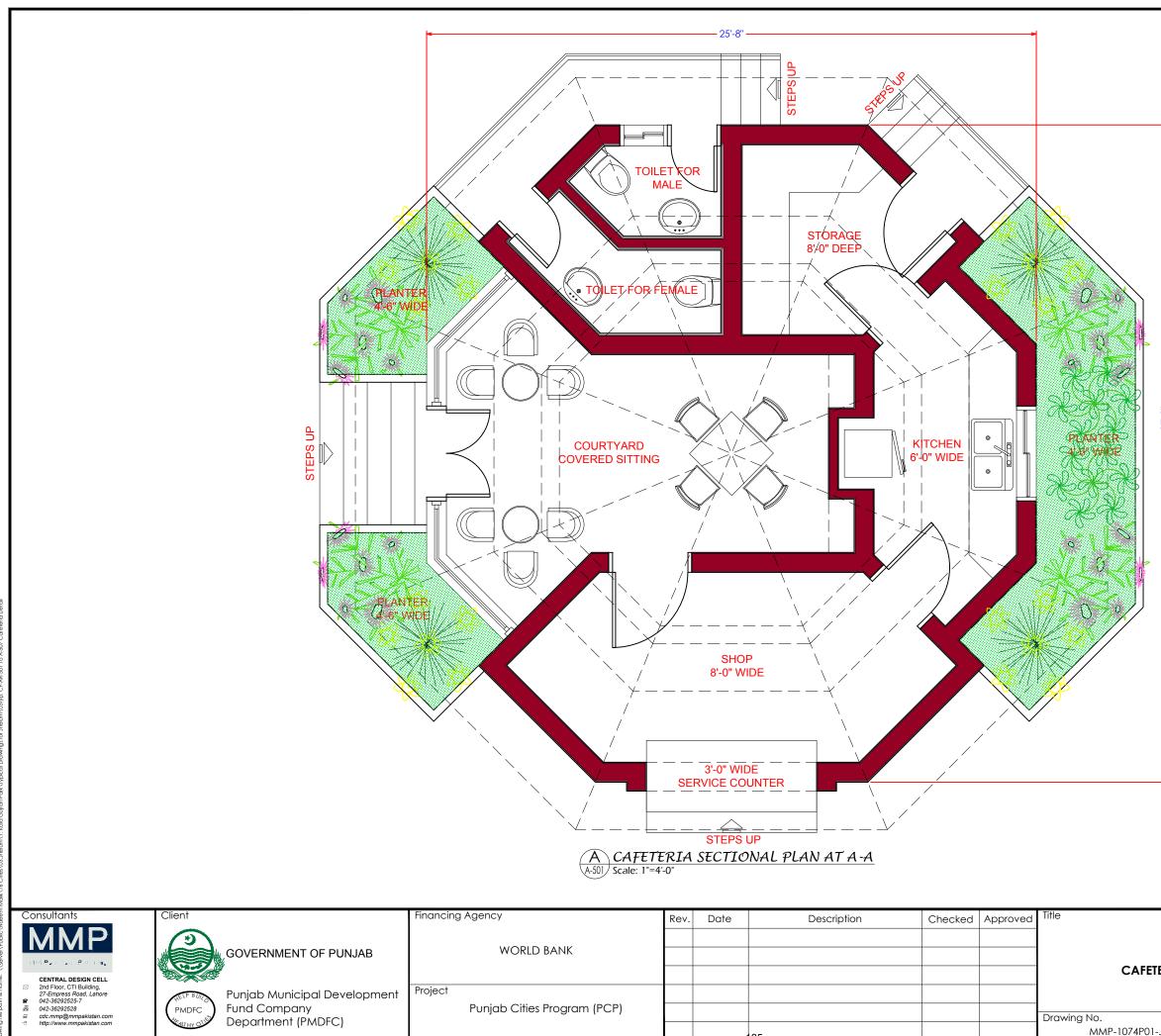
Sr/No	NAME	SYMBOL
01	6FT ORNAMENTAL POLE WITH LAMINAR	
02	10 METER FOUR ARM POLE WITH LAMINAR	
03	10 Meter Single Arm pole	;; 0
04	12 meter Ring Top Lighting Pole	\bigotimes
05	Wall Mounted Light Control Panel	
06	2-CORE 2.5 mm-sq Cable (Buried underground in 100 mm PVC Conduit)	

	Designed	MMP
	Drawn	MMP
NDUIT LAYOUT PLAN	Checked	MMP
A GUJRAN PARK	Approved	PMDFC
	Scale	As Shown
	Rev No:	0
1-JHE-PARK-KGN-AR-552		

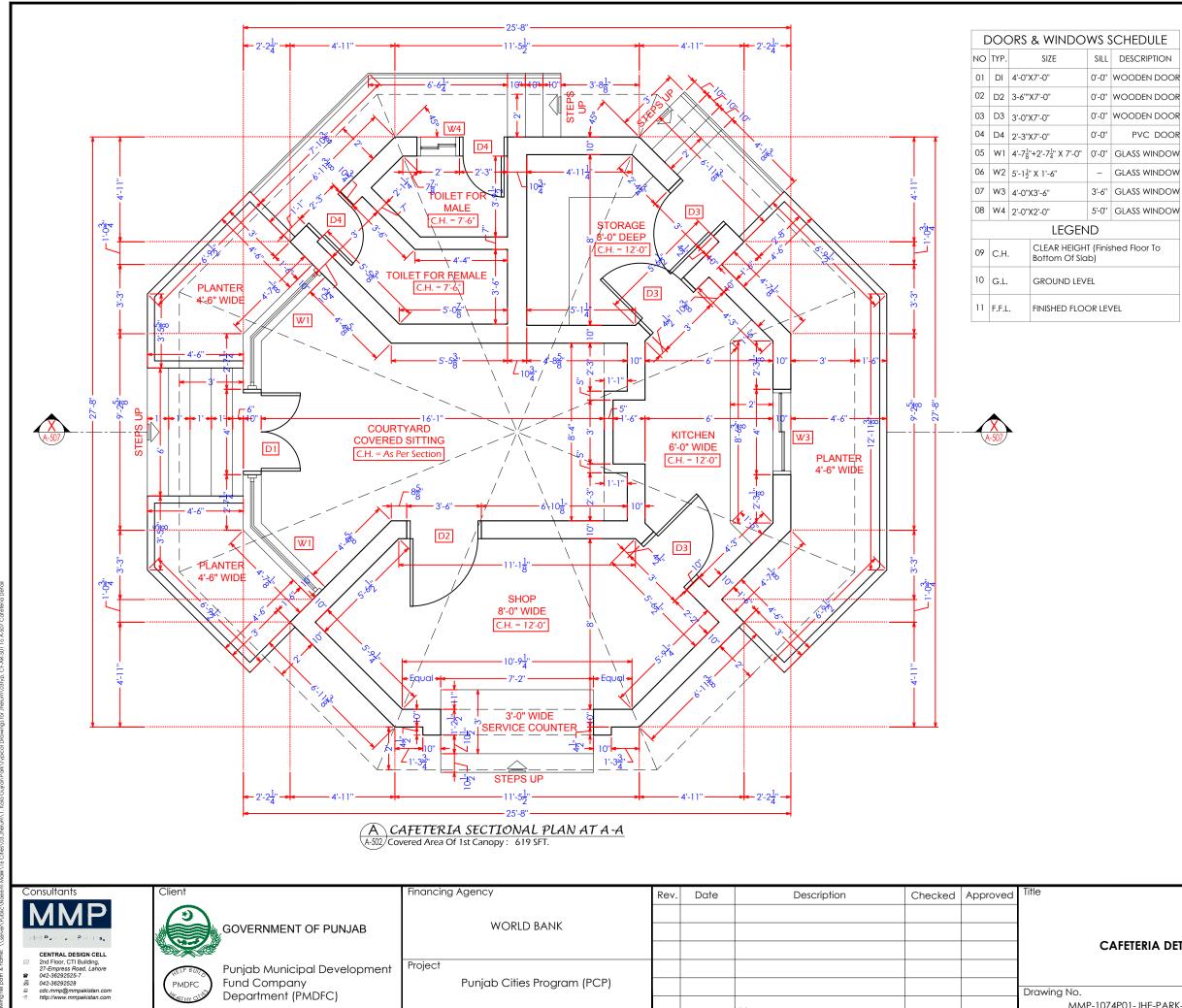
TYPICAL DRAWINGS

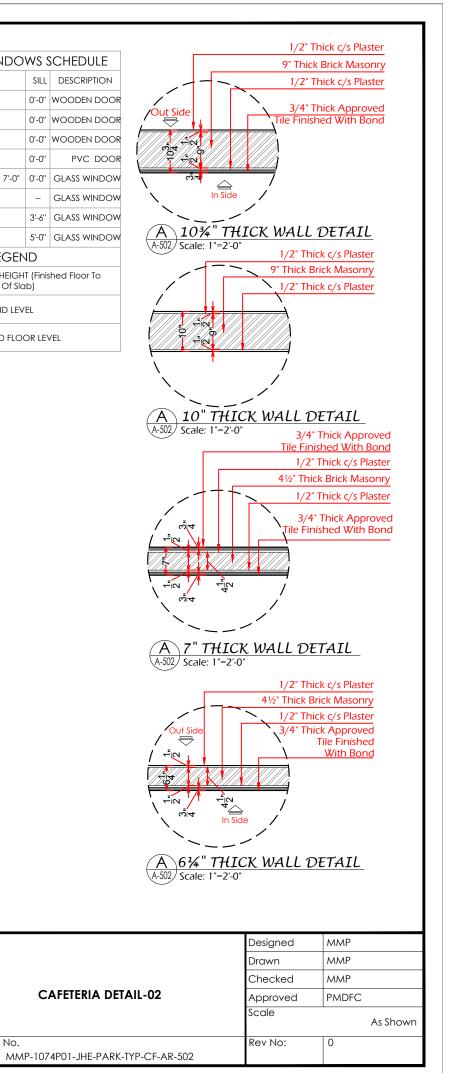


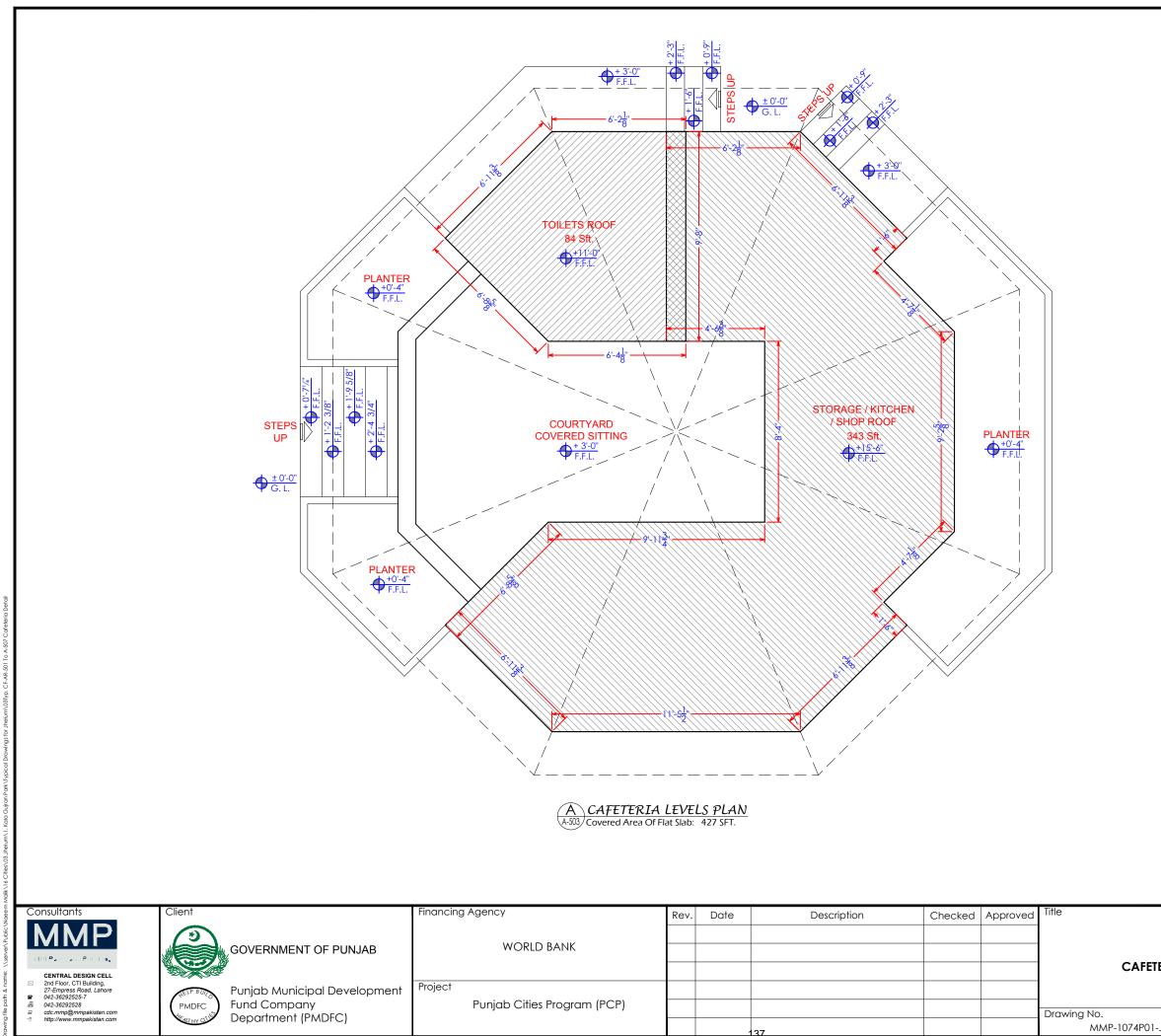




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2	Designed	MMP
2	Designed Drawn	MMP MMP
L	Drawn Checked	MMP MMP
RIA DETAIL-01	Drawn Checked Approved	MMP
RIA DETAIL-01	Drawn Checked	MMP MMP
RIA DETAIL-01 HE-PARK-TYP-CF-AR-501	Drawn Checked Approved	MMP MMP PMDFC

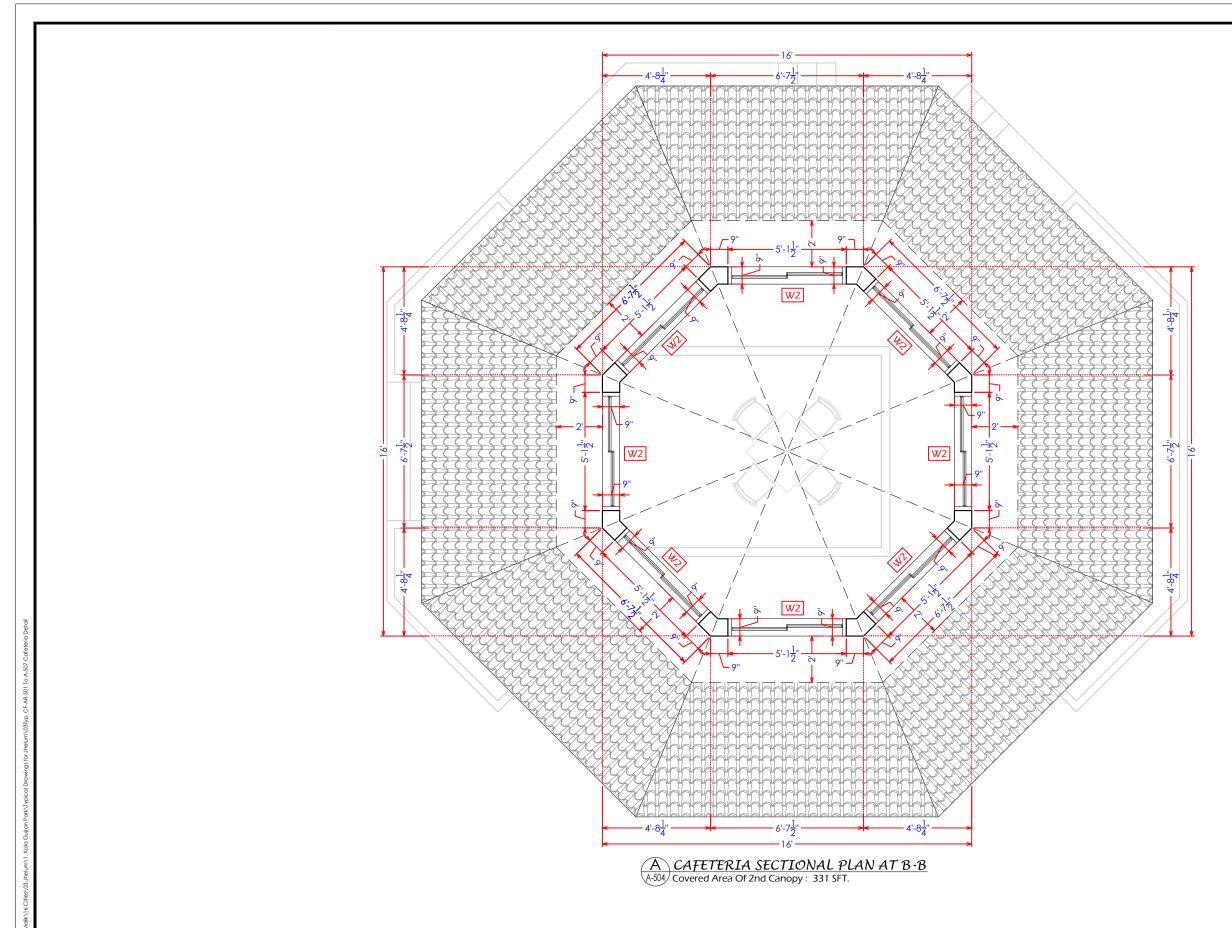






C	DOORS & WINDOWS SCHEDULE						
NO	TYP.		SIZE	SILL	DESCRIPTION		
01	DI	4'-0"	X7'-0''	0'-0''	WOODEN DOOR		
02	D2	3-6'"'	X7'-0''	0'-0''	WOODEN DOOR		
03	D3	3'-0"	X7'-0''	0'-0''	WOODEN DOOR		
04	D4	2'-3"	X7'-0''	0'-0''	PVC DOOR		
05	W1	4'-7 ¹ /8	'+2'-7 ¹ / ₄ " X 7'-0"	0'-0''	GLASS WINDOW		
06	W2	5'-1 <u>2</u> '	' X 1'-6"	-	GLASS WINDOW		
07	W3	4'-0"	X3'-6''	3'-6"	GLASS WINDOW		
08	W4	2'-0"	X2'-0''	5'-0''	GLASS WINDOW		
			LEGEN	1D			
09	C.H.		CLEAR HEIGHT (Finished Floor To Bottom Of Slab)				
10	G.L.		GROUND LEVEL				
11	11 F.F.L. FINISHED FLOOR LEVEL				/EL		

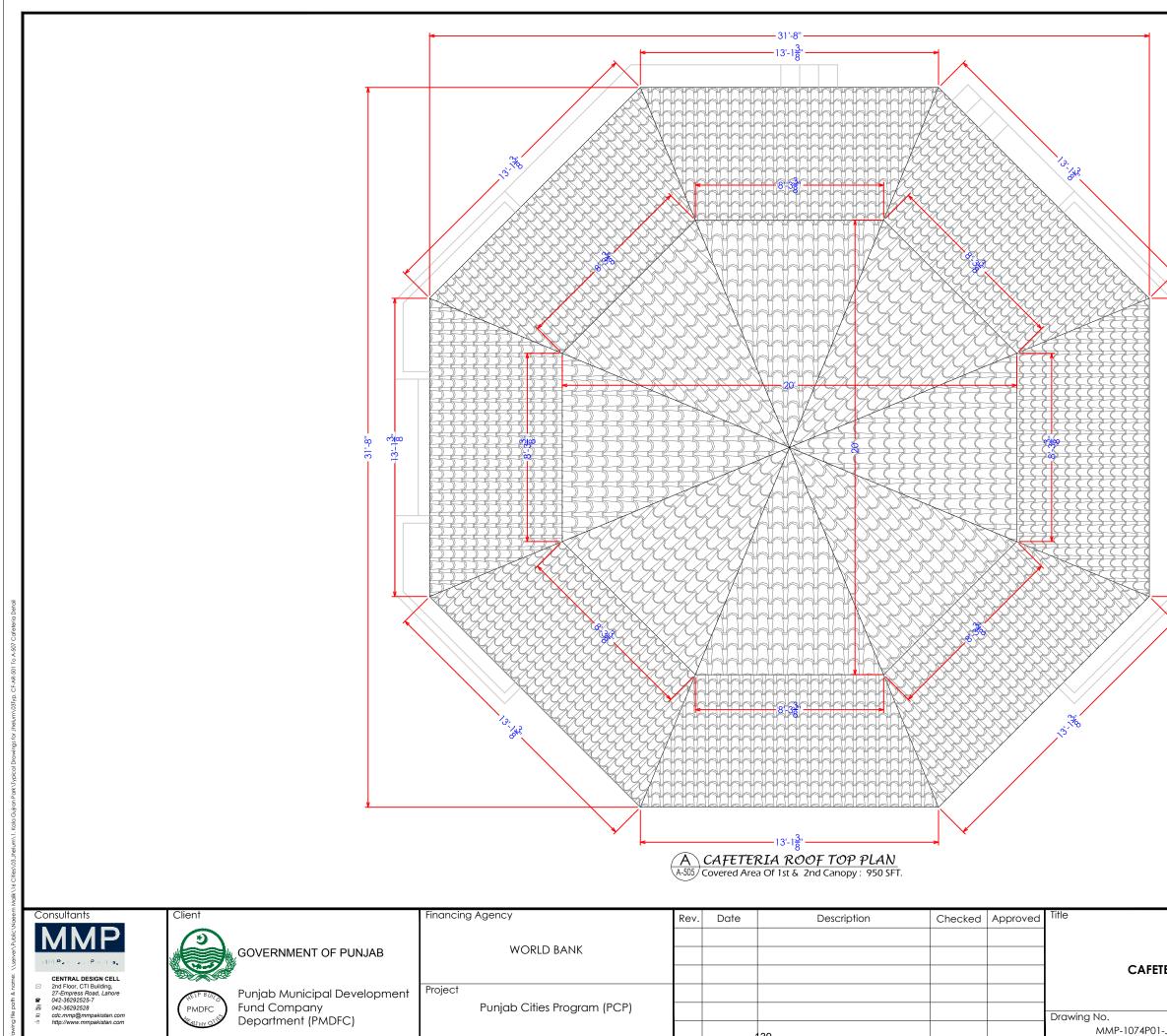
Designed	MMP
Drawn	MMP
Checked	MMP
Approved	PMDFC
Scale	As Shown
Rev No:	0
	Checked Approved Scale



Consultants	Client	Financing Agency	Rev.	Date	Description	Checked Approved	Title
MMP		WORLD BANK					
다네에 Pace tan Parties. CENTRAL DESIGN CELL	GOVERNMENT OF PUNJAB						CAFETE
 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 		Project					
 042-36292528 cdc.mmp@mmpakistan.com http://www.mmpakistan.com 	PMDFC Fund Company Department (PMDFC)	Punjab Cities Program (PCP)					Drawing No. MMP-1074P01-J
MM Pakistan			I	1	138		L

C	DOORS & WINDOWS SCHEDULE							
NO	TYP.		SIZE	SILL	DESCRIPTION			
01	DI	4'-0"	X7'-0''	0'-0''	WOODEN DOOR			
02	D2	3-6'"'	X7'-0''	0'-0''	WOODEN DOOR			
03	D3	3'-0"	X7'-0''	0'-0''	WOODEN DOOR			
04	D4	2'-3"	X7'-0''	0'-0''	PVC DOOR			
05	W1	4'-7 ¹ /8	'+2'-7 ¹ " X 7'-0"	0'-0''	GLASS WINDOW			
06	W2	5'-1 <u>2</u> '	5'-1 ¹ / ₂ '' X 1'-6''		GLASS WINDOW			
07	W3	4'-0"	X3'-6''	3'-6"	GLASS WINDOW			
08	W4	2'-0"	X2'-0''	5'-0''	GLASS WINDOW			
			LEGEN	1D				
09	C.H.	C.H. CLEAR HEIGHT (Finished Floor To Bottom Of Slab)						
10	0 G.L. GROUND LEVEL							
11	11 F.F.L. FINISHED FLOOR LEVEL				/EL			

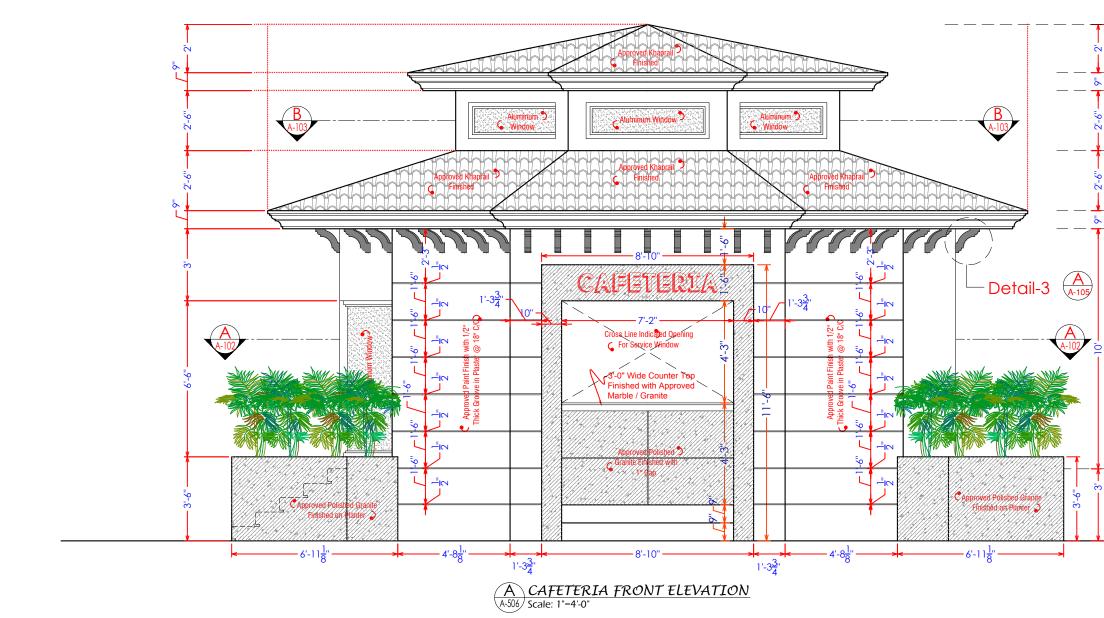
	Designed	MMP	
	Drawn	MMP	
	Checked	MMP	
TERIA DETAIL-04	Approved	PMDFC	
	Scale	-	As Shown
I-JHE-PARK-TYP-CF-AR-504	Rev No:	0	



	Designed	MMP
	Drawn	MMP
	Checked	MMP
TERIA DETAIL-05	Approved	PMDFC
	Scale	As Shown
1-JHE-PARK-TYP-CF-AR-505	Rev No:	0

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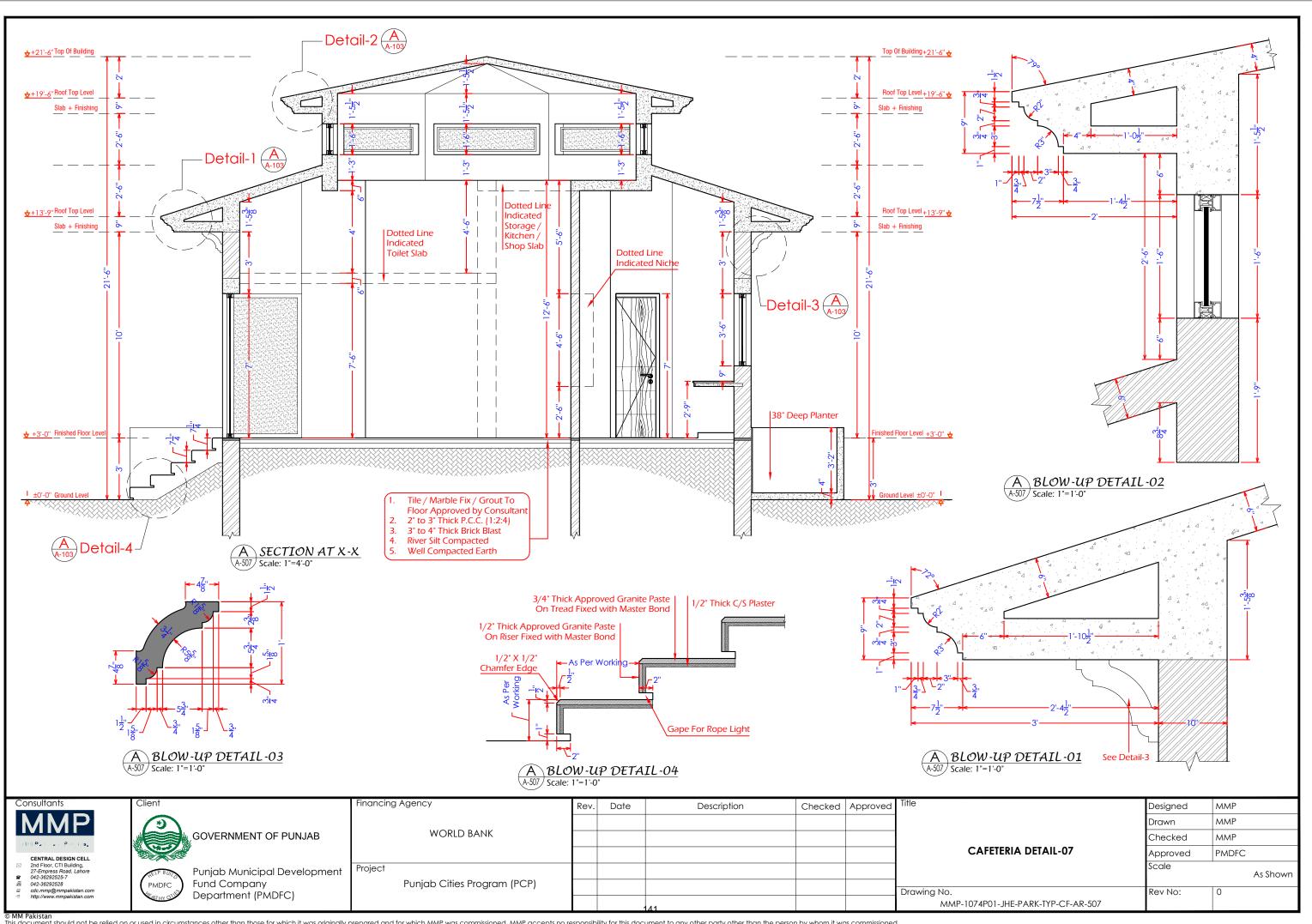
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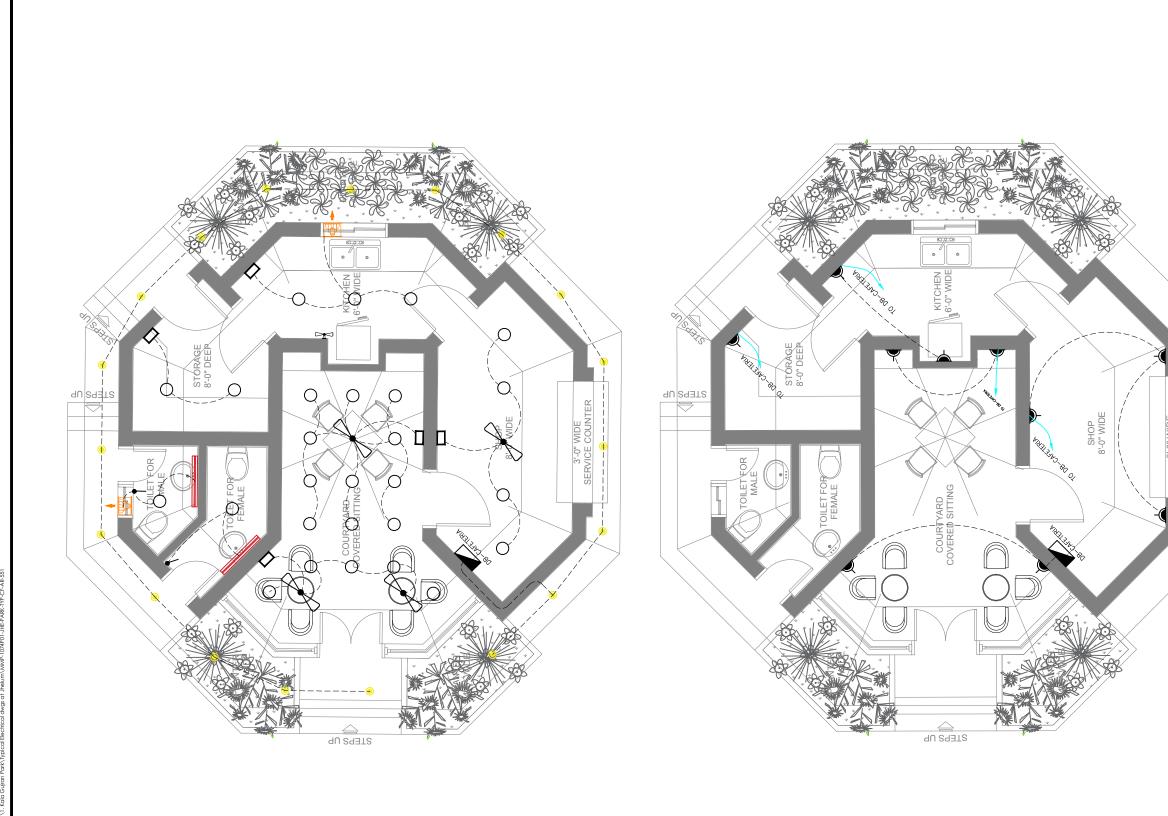


Consultants	Client	Financing Agency	Rev.	Date	Description	Checked	Approved	Title
	GOVERNMENT OF PUNJAB	WORLD BANK						CAFET
CENTRAL DESIGN CELL 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 042-36292528 cdc.mm@@mmpakistan.com http://www.mmpakistan.com	Punjab Municipal Development Fund Company Department (PMDFC)	Project Punjab Cities Program (PCP)			140			Drawing No. MMP-1074P01-

_	Top Of Building+21'-6" 🕁
-	Roof Top Level _{+19'-6"} ★
-	
-	Roof Top Level +13'-9"★ Slab + Finishing
	P - 7
-	Finished Floor Level +3'-0" ★
	Ground Level ±0'-0"

	Designed	MMP
	Drawn	MMP
	Checked	MMP
TERIA DETAIL-06	Approved	PMDFC
	Scale	As Shown
	Rev No:	0
1-JHE-PARK-TYP-CF-AR-506		





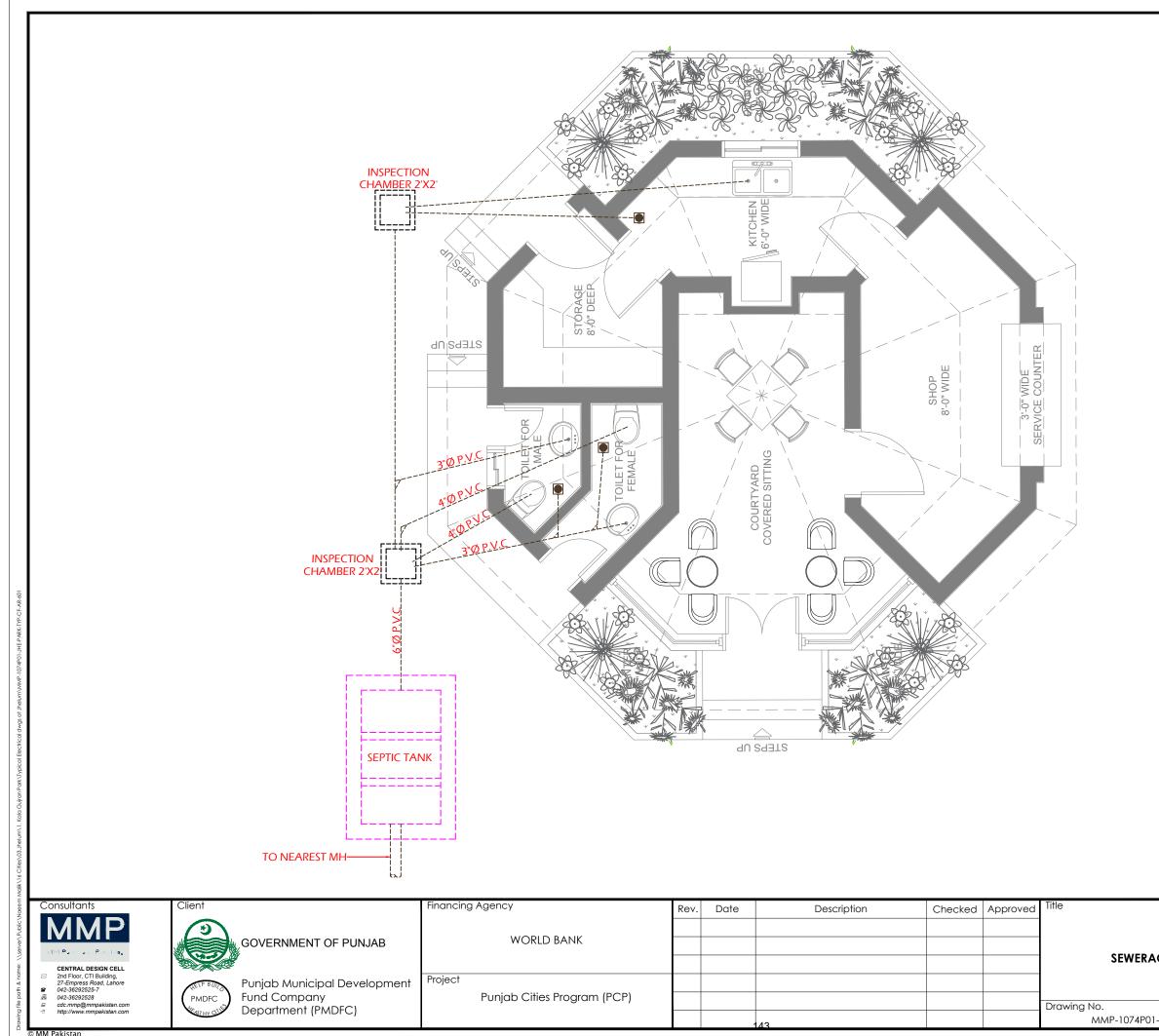
Consultants	Client	Financing Agency	Rev. Date	Description	Checked	Approved	Title	Designed	MMP
MMP	(3)							Drawn	ММР
- MM Partina (Port 176)	GOVERNMENT OF PUNJAB	WORLD BANK					ELECTRICAL LIGHTING & POWER	Checked	ММР
CENTRAL DESIGN CELL							LAYOUT PLAN	Approved	PMDFC
 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 	Punjab Municipal Development	Project						Scale	As Shown
	(PMDFC) Fund Company Compartment (PMDFC)	Punjab Cities Program (PCP)					Drawing No.	Rev No:	0
	Department (PMDFC)			142			MMP-1074P01-JHE-PARK-TYP-CF-AR-551		
MM Pakistan	or used in circumstances other than these for which it was originally r	properties and for which MMP was commissioned MMP accepts per	ana anailailite far this da a		n by whom it we				

LEGEND CAFETERIA LIGHTING							
Sr/No	NAME	SYMBOL					
01	10 w led DL (Recessed Type)	0					
02	5 w led DL (Recessed Type)	۲					
03	8 w Led Vanity Light						
04	Exhaust Fan	₩					
05	5 Gang one-way Switch						
06	2 Gang one-way Switch	^					
07	8 w Led Vanity Light						
08	8 w Led Vanity Light						



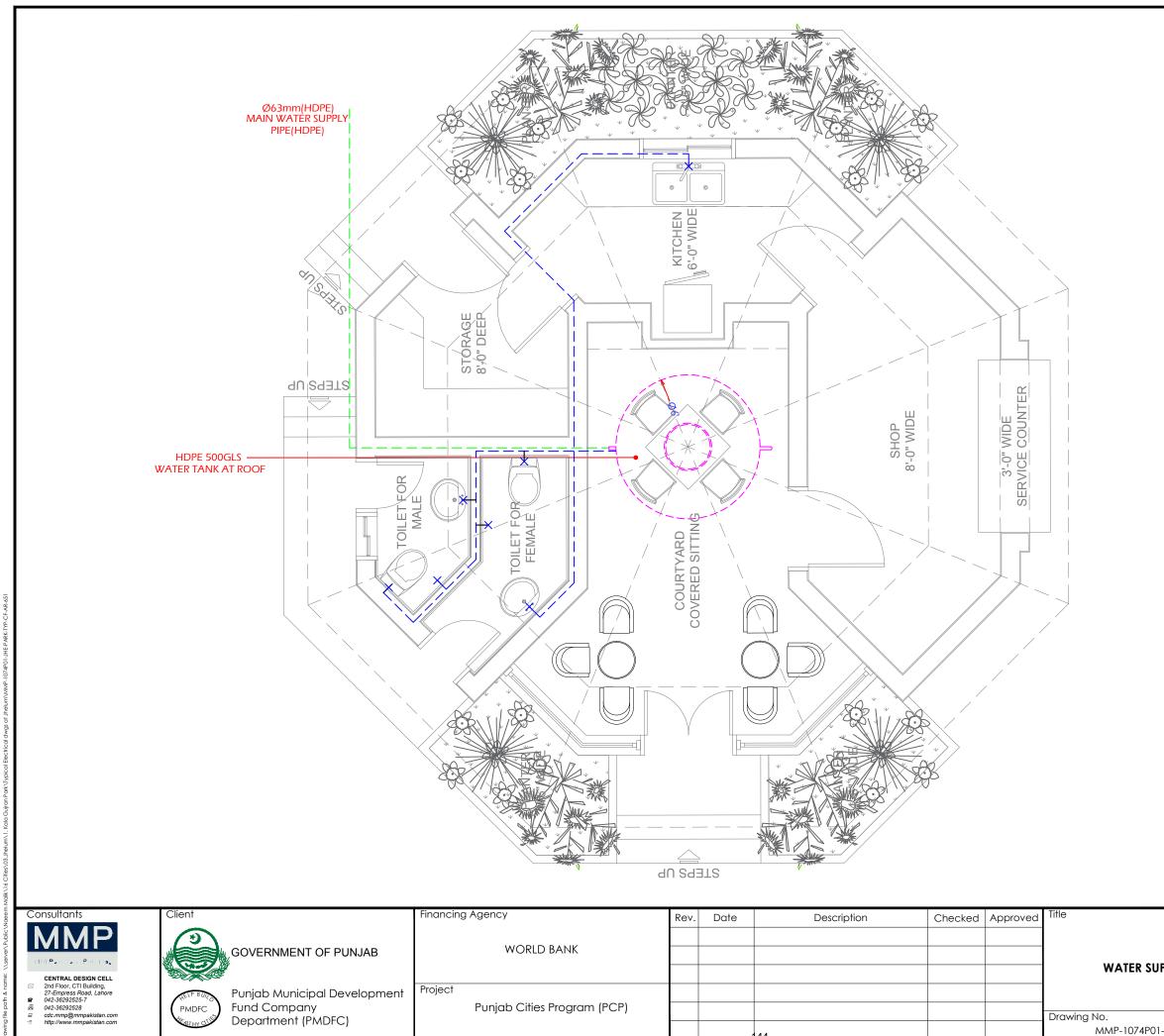
Sr/No	NAME	SYMBOL
01	15 AMP Switch Socket	-(
02	Cafeteria distribution box(Recessed Type)	





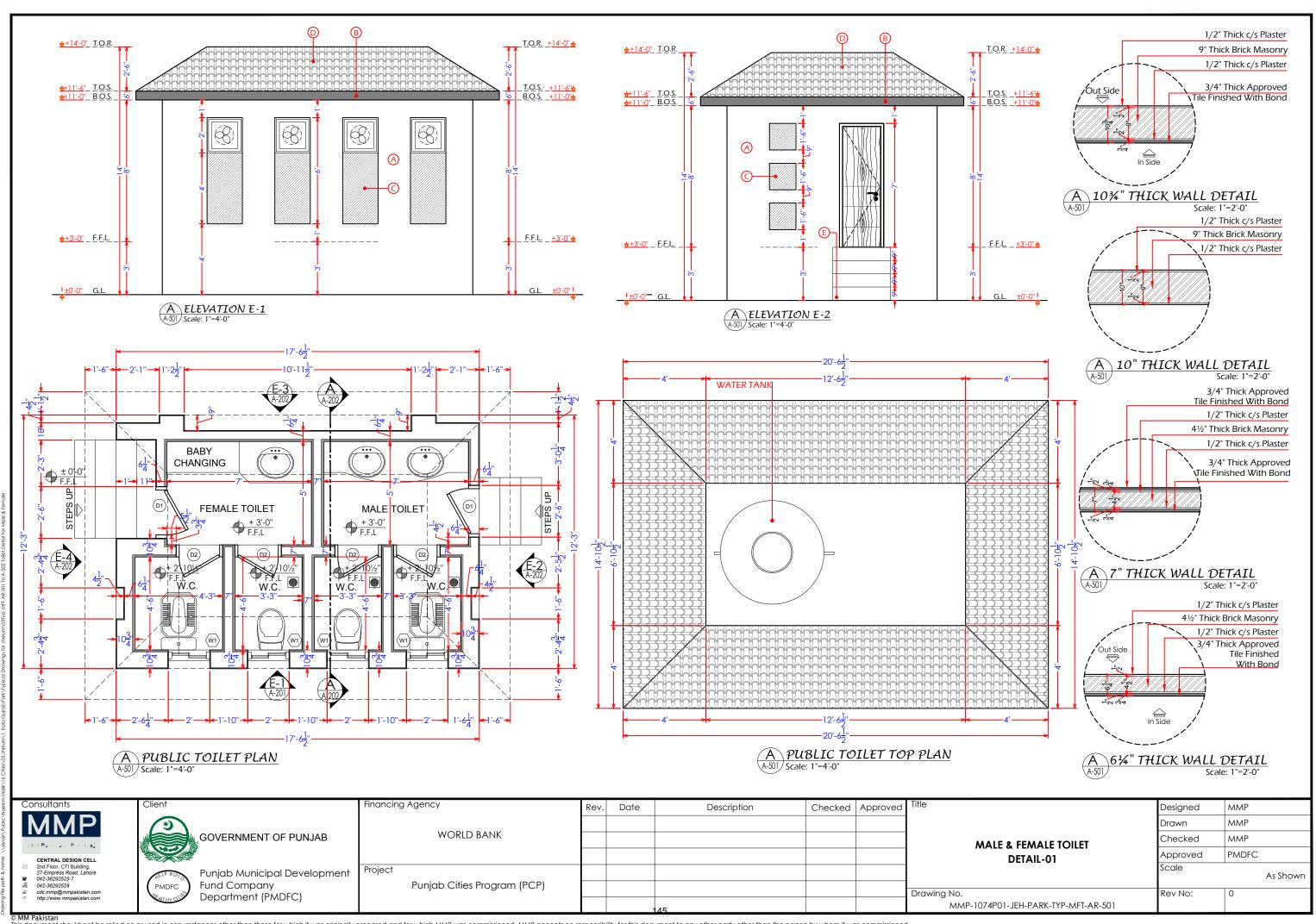
LEGEND		
TYPE	DESCRIPTION	
۲===3	SEWER PIPE (PVC)	

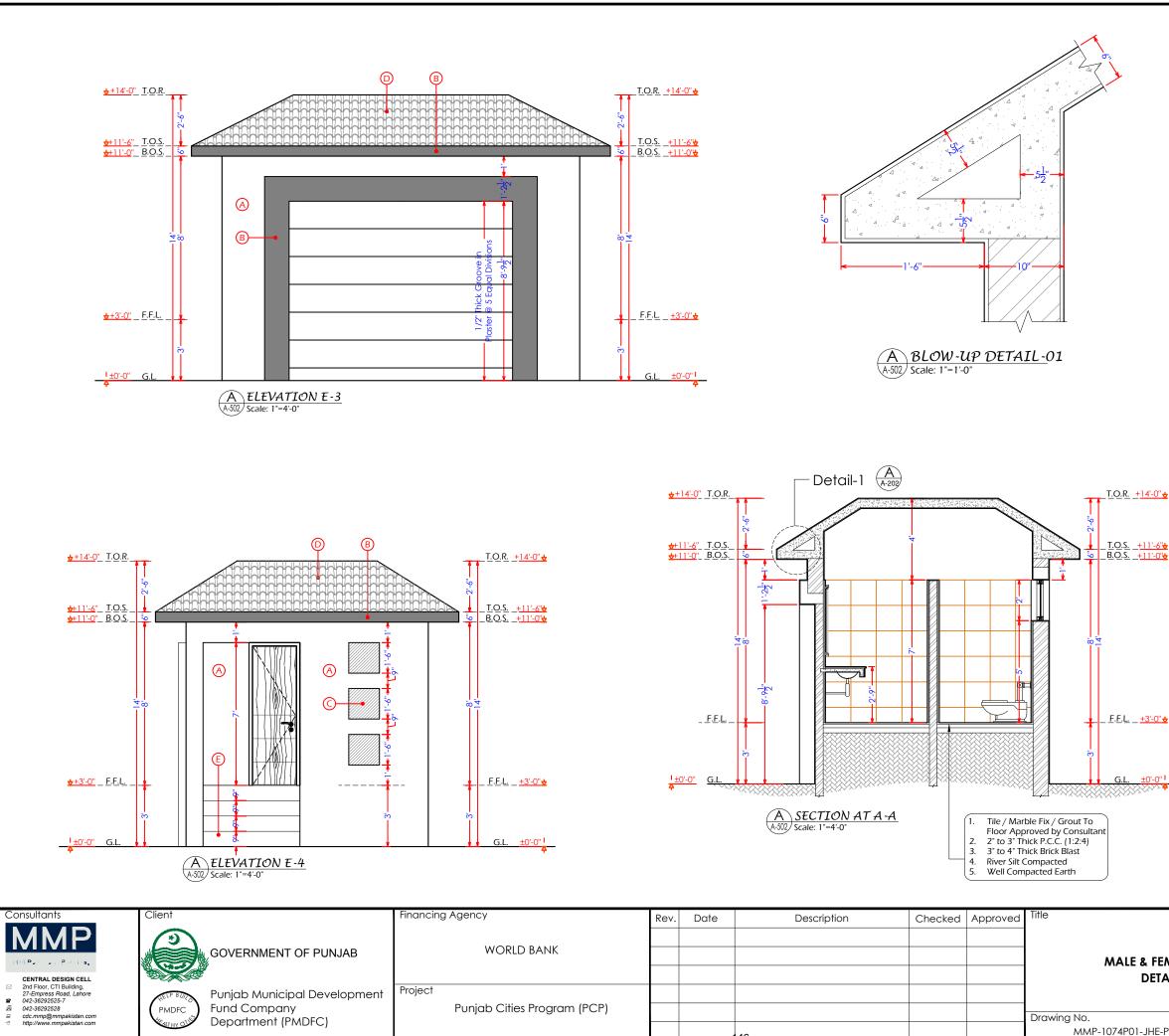
	Designed	MMP
	Drawn	MMP
	Checked	MMP
GE LAYOUT PLAN.	Approved	PMDFC
	Scale	As Shown
-JHE-PARK-TYP-CF-AR-601	Rev No:	0



LEGEND		
TYPE	DESCRIPTION	
	MAIN WATER SUPPLY PIPE (HDPE)	
	WATER PIPE (HDPE)	

	Designed	MMP
	Drawn	MMP
	Checked	ММР
PPLY LAYOUT PLAN.	Approved	PMDFC
	Scale	As Shown
-JHE-PARK-TYP-CF-AR-651	Rev No:	0



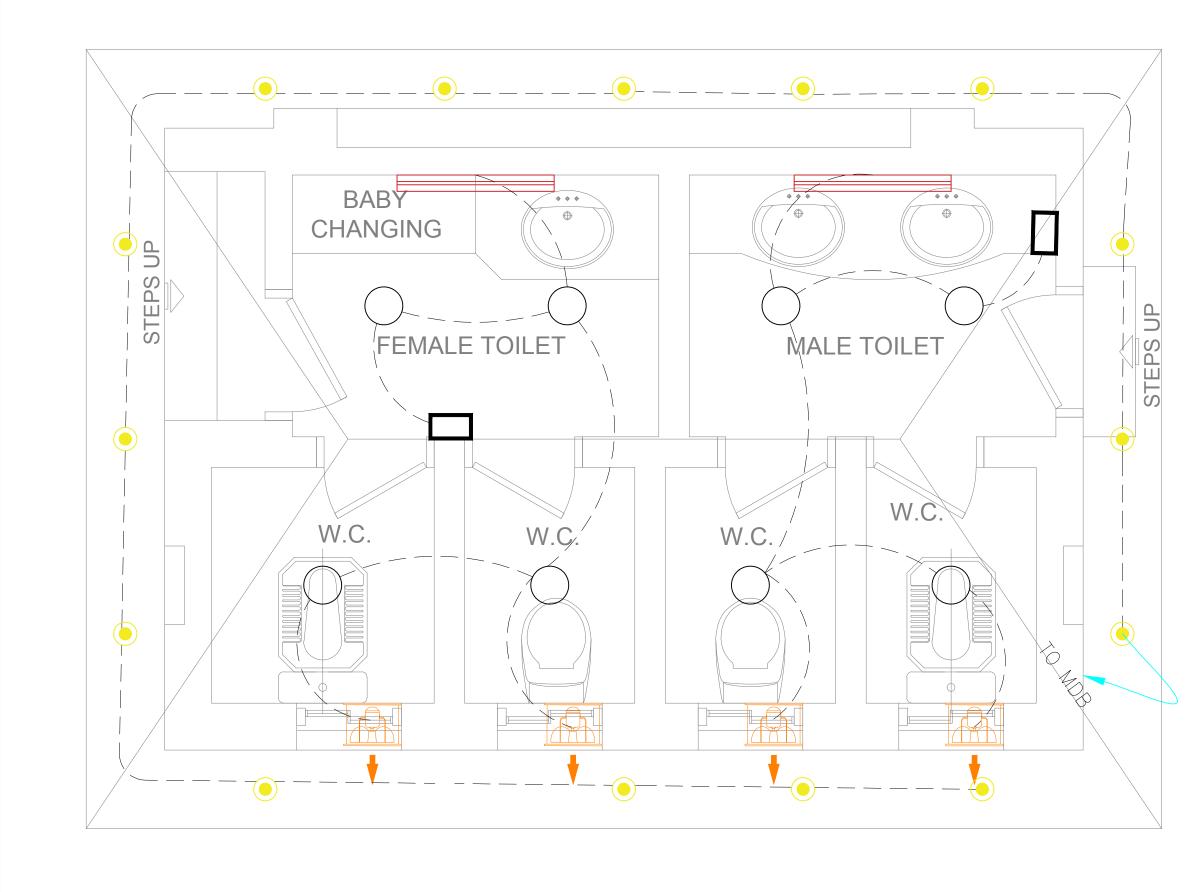


	LEGEND			
TYPE	DESCRIPTION			
G.L.	GROUND LEVEL			
F.F.L.	FINISHED FLOOR LEVEL			
B.O.S.	BOTTOM OF SLAB			
T.O.S.	TOP OF SLAB			
T.O.R.	TOP OF ROOF			
C.H.	CLEAR HEIGHT			
\diamond	ELEVATION MARK IN PLAN			
\diamond —	SECTION LINE MARK IN PLAN			
々	LEVEL MARK IN ELEVATION			
\$	LEVEL MARK IN PLAN			
A	APPROVED PAINT FINISHED			
B	APPROVED GREY PAINT FINISHED			
Ô	APPROVED TILE FINISHED			
D	APPROVED KHAPRAIL FINISHED			
E	APPROVED GRANITE FINISHED			



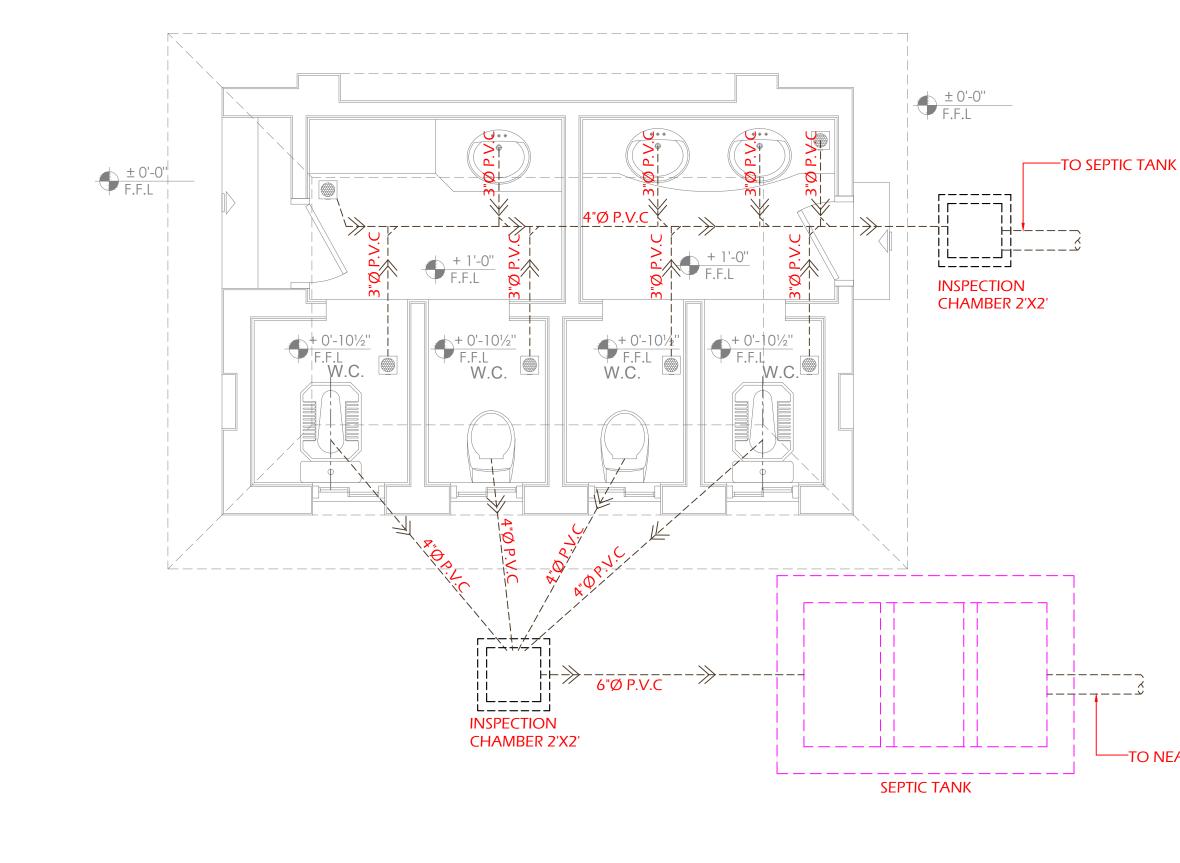
±0'-0" |

	Designed	MMP	
	Drawn	MMP	
& FEMALE TOILET	Checked	MMP	
DETAIL-02	Approved	PMDFC	
	Scale	As Shown	
-JHE-PARK-TYP-MFT-AR-502	Rev No:	0	
			-



Consultants	Client	Financing Agency	Rev. Da	te	Description	Checked	Approved	Title	Designed	MMP
MMP									Drawn	MMP
에에 Participan Port 15.	GOVERNMENT OF PUNJAB	WORLD BANK						ELECTRICAL LIGHTING	Checked	MMP
CENTRAL DESIGN CELL									Approved	PMDFC
 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 	Punjab Municipal Development	Project							Scale	As Shown
A 042-36292528	(PMDFC) Fund Company	Punjab Cities Program (PCP)								
cdc.mmp@mmpakistan.com http://www.mmpakistan.com MM Pakistan	Department (PMDFC)			1	47			Drawing No. MMP-1074P01-JHE-PARK-TYP-MFT-AR-551	Rev No:	0

В	LEGEND BATHROOM LIGHTING					
Sr/No	NAME	SYMBOL				
01	10 w led DL (Recessed Type)	0				
02	5 w led DL (Recessed Type)	۲				
03	8 w Led Vanity Light					
04	Exhaust Fan					
05	5 Gang one-way Switch					

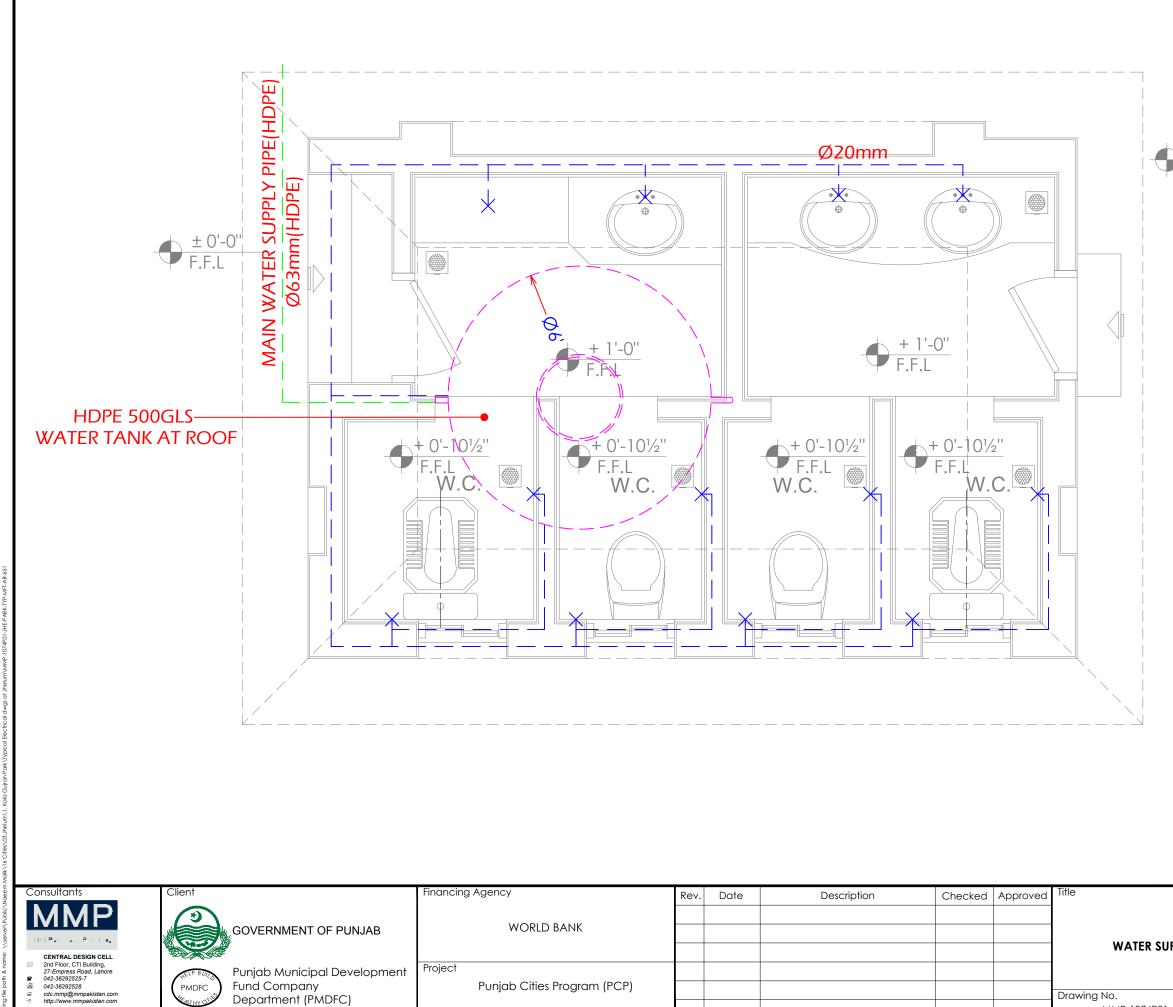


Consultants	Client	Financing Agency	Rev.	Date	Description	Checked	Approved	Title
	GOVERNMENT OF PUNJAB	WORLD BANK						SEWERAG
CENTRAL DESIGN CELL 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 6 042-36292525 Cdc.mmp@mmpakistan.com -0 http://www.mmpakistan.com	Punjab Municipal Development Fund Company Department (PMDFC)	Project Punjab Cities Program (PCP)			148			Drawing No. MMP-1074P01-J
© MM Dakistan								

	LEGEND
TYPE	DESCRIPTION
۵===3	SEWER PIPE (PVC)

TO NEAREST MH

	Designed	MMP
	Drawn	MMP
	Checked	MMP
GE LAYOUT PLAN.	Approved	PMDFC
	Scale	As Shown
-JHE-PARK-TYP-MFT-AR-601	Rev No:	0



			149				
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Punjab Cities Program (PCP)

PMDFC

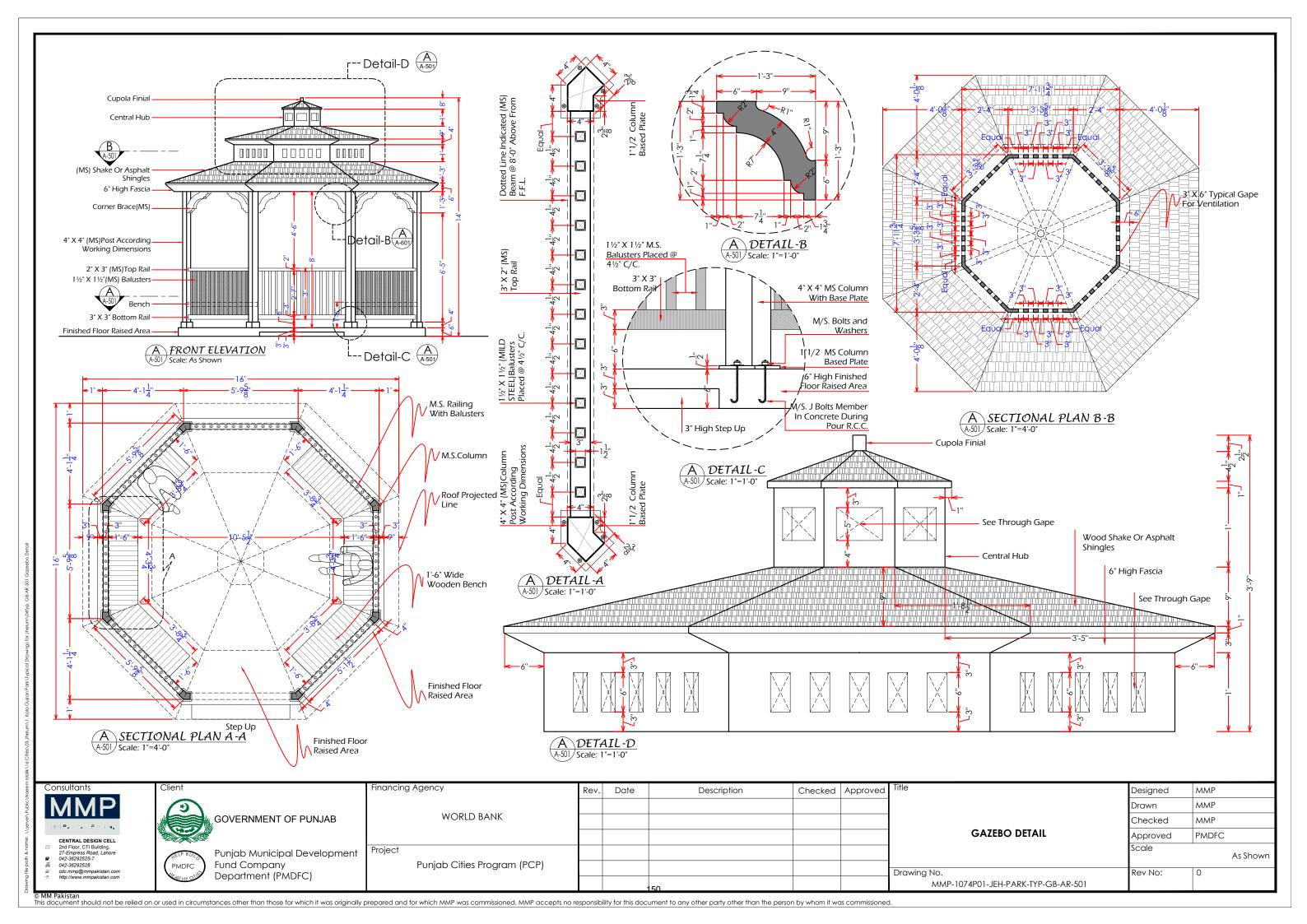
Department (PMDFC)

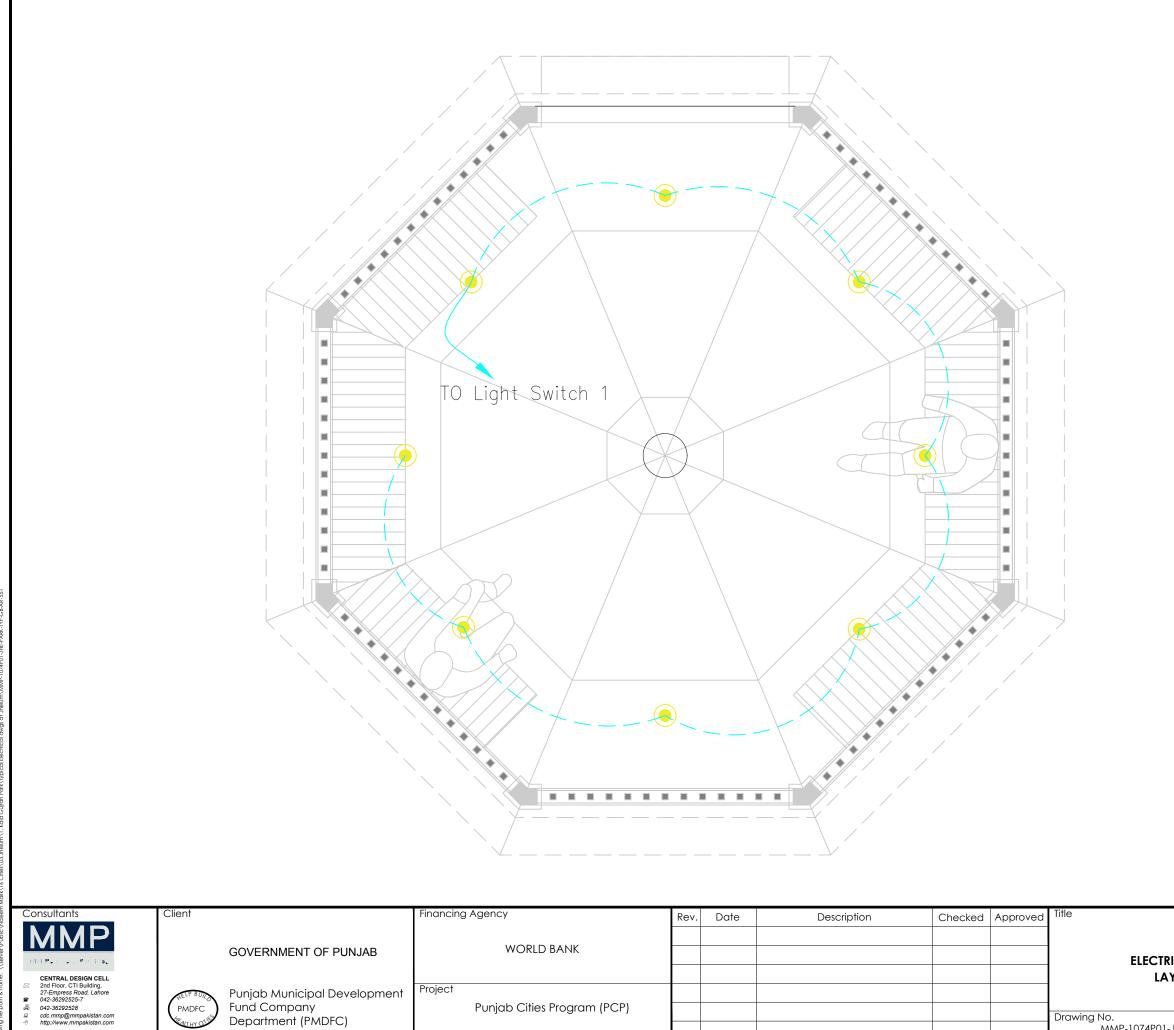
LEGEND					
TYPE DESCRIPTION					
	MAIN WATER SUPPLY PIPE (HDPE)				
	WATER PIPE (HDPE)				



	Designed	MMP
	Drawn	MMP
	Checked	MMP
WATER SUPPLY LAYOUT PLAN.	Approved	PMDFC
	Scale	As Shown
g No.	Rev No:	0
MMP-1074P01-JHE-PARK-TYP-MFT-AR-651		

Drawing No.





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Punjab Cities Program (PCP)

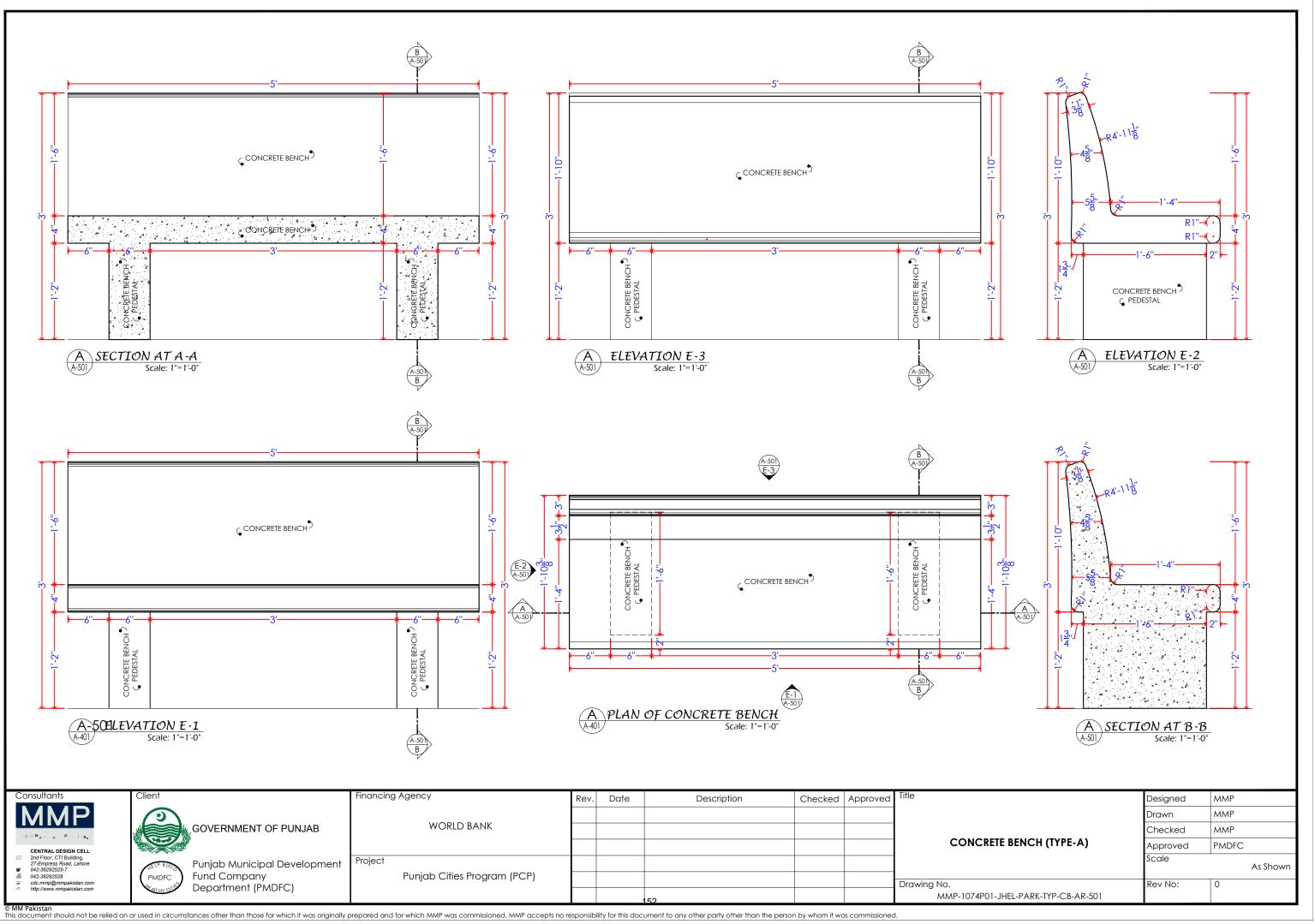
Punjab Municipal Development Fund Company Department (PMDFC)

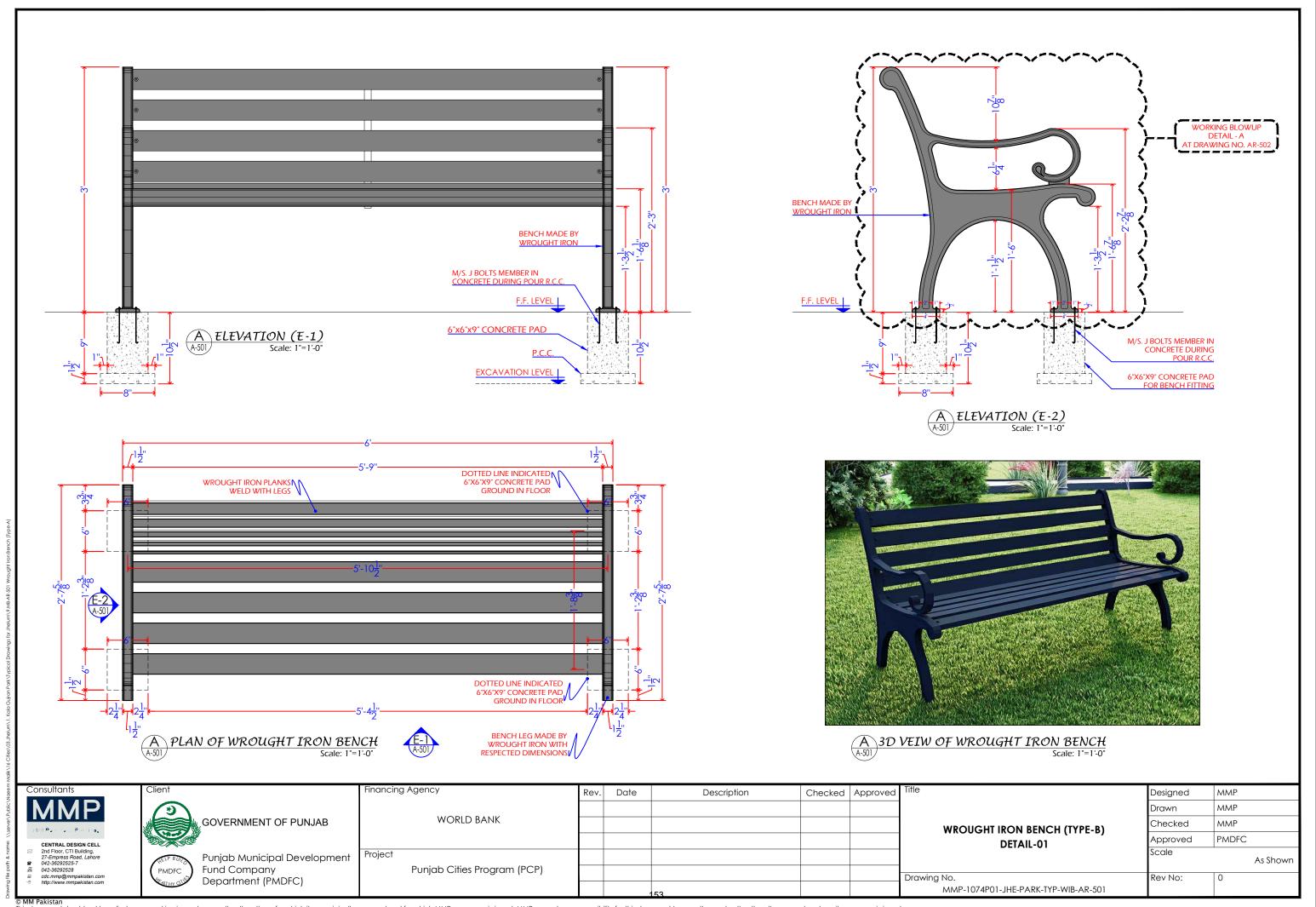
PMDFC

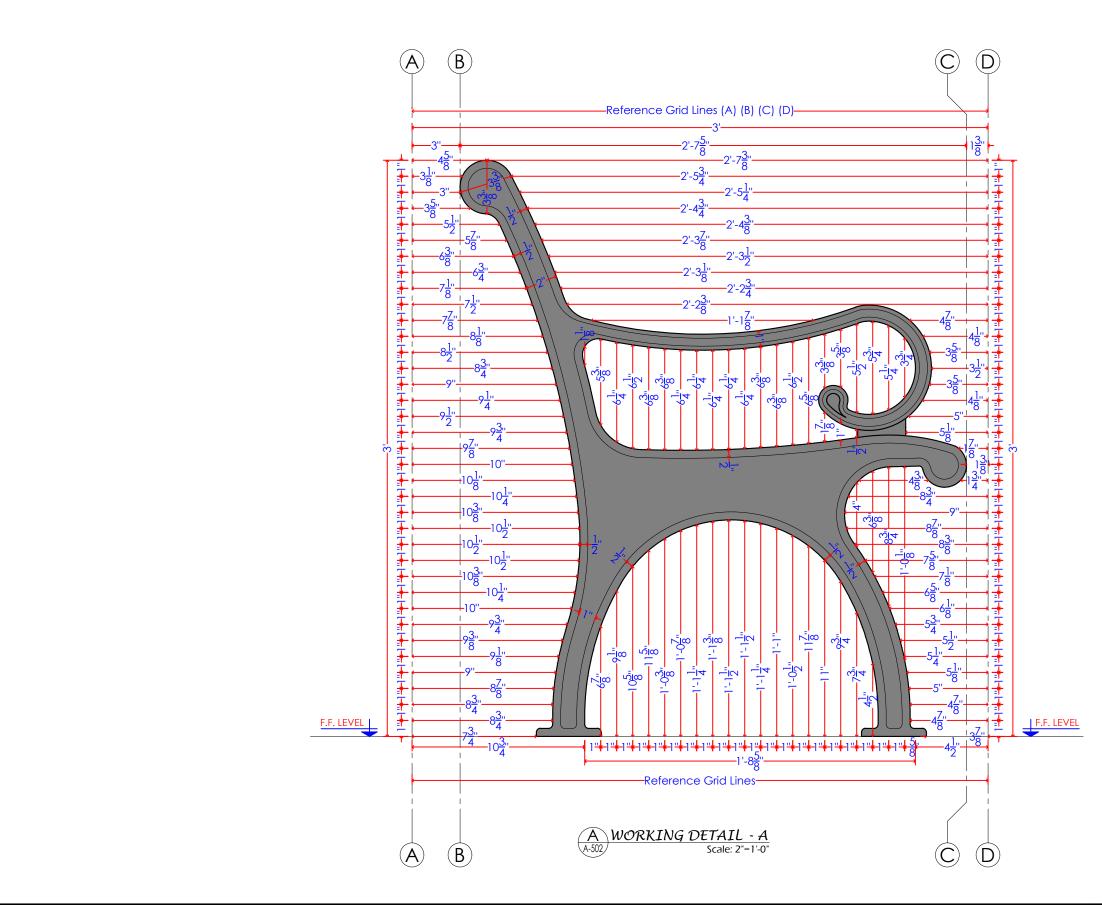
2

Sr/No	NAME	SYMBOL
01	10 w led DL (Recessed Type)	0
02	5 w led DL (Recessed Type)	۲

Title	Designed	MMP
	Drawn	MMP
ELECTRICAL LIGHTING	Checked	MMP
LAYOUT PLAN	Approved	PMDFC
	Scale	As Shown
Drawing No. MMP-1074P01-JHE-PARK-TYP-GB-AR-551	Rev No:	0

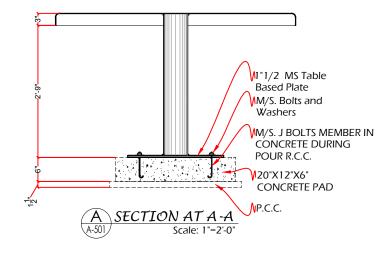




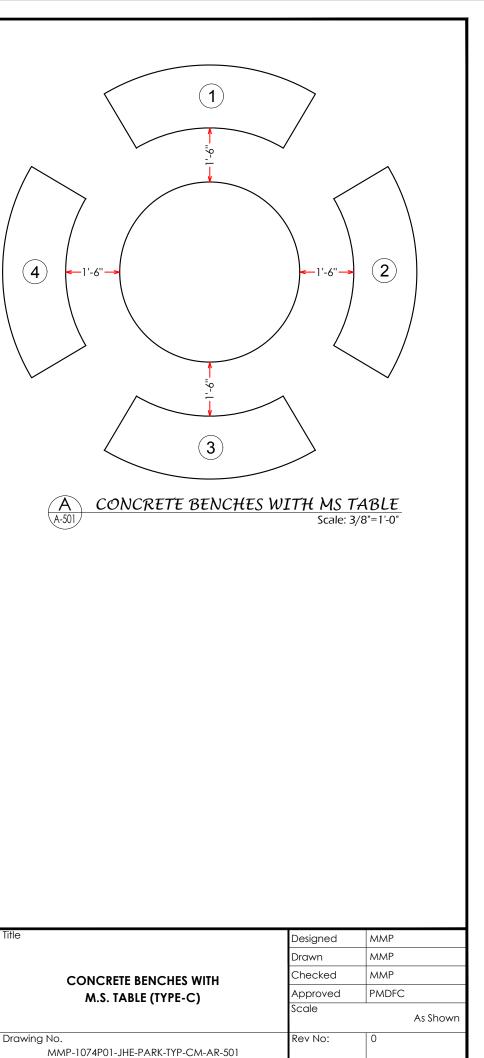


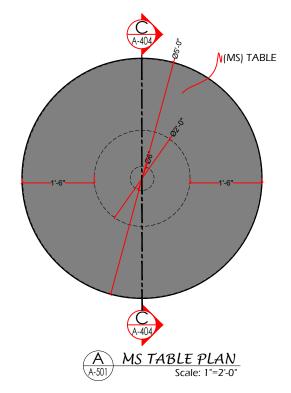
Consultants	Client	Financing Agency	Rev.	Date	Description	Checked	Approved	Title
	GOVERNMENT OF PUNJAB	WORLD BANK						WROUGHT IR
CENTRAL DESIGN CELL 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 6042-36292528 cdc.mmp@mmpakistan.com http://www.mmpakistan.com	Punjab Municipal Development Fund Company Department (PMDFC)	Project Punjab Cities Program (PCP)			154			Drawing No. MMP-1074P01-JI

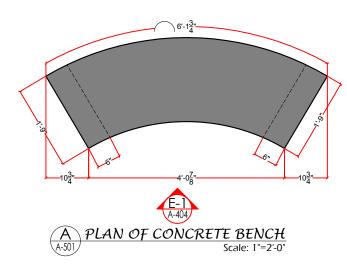
	Designed	MMP	
	Drawn	MMP	
IRON BENCH (TYPE-B)	Checked	MMP	
DETAIL-02	Approved	PMDFC	
	Scale	As Sho	own
-JHE-PARK-TYP-WIB-AR-502	Rev No:	0	



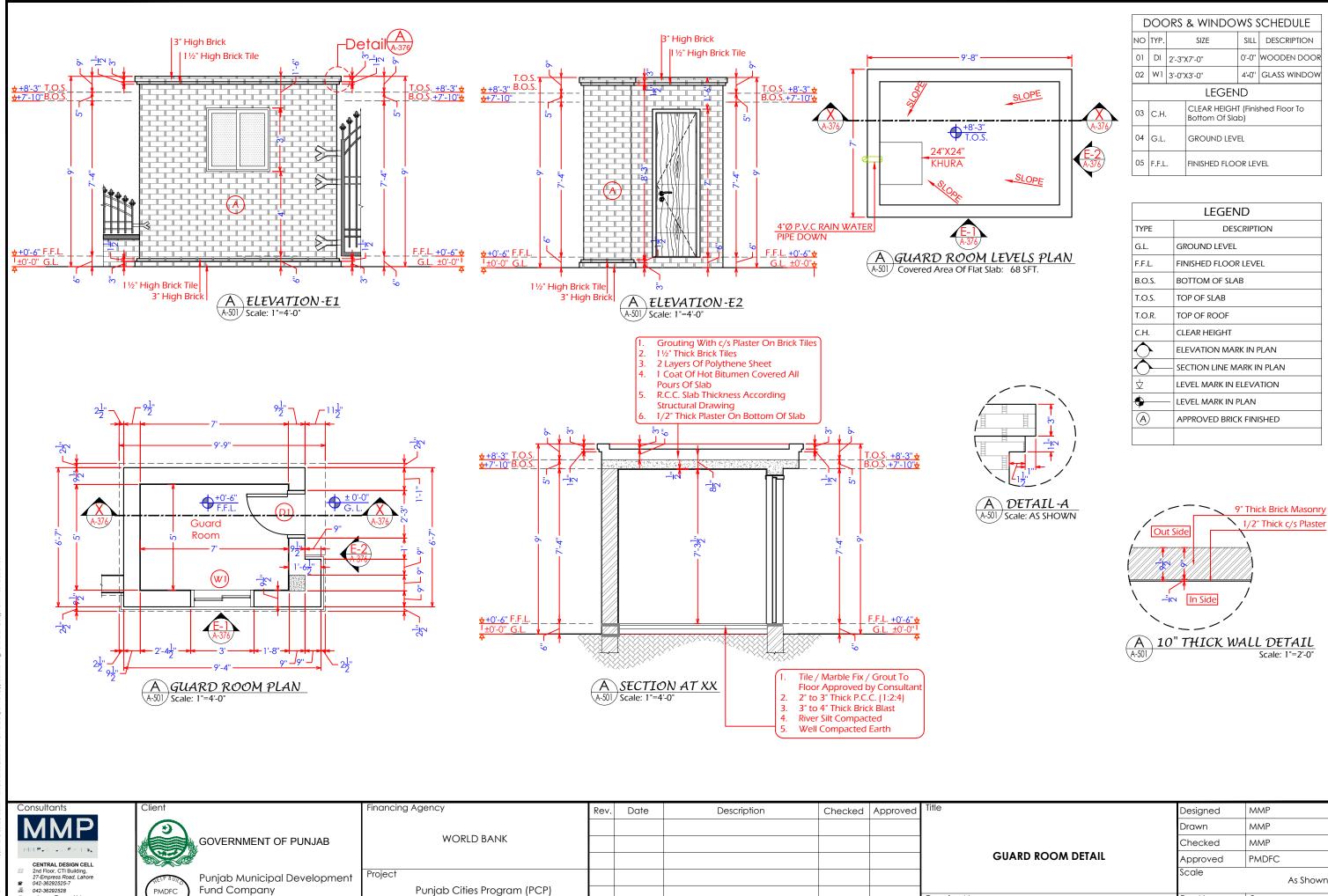
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	ē				"9
1'-6"	1'-0"				1-0"
	A-501	ELEV4	ATION Scale: 1		







Consultants	Client	Financing Agency	Rev.	Date	Description	Checked	Approved	Title
	GOVERNMENT OF PUNJAB	WORLD BANK						CONCR
CENTRAL DESIGN CELL 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 042-36292528 cdc.mmp@mmpakistan.com http://www.mmpakistan.com	Punjab Municipal Development Fund Company Department (PMDFC)	Project Punjab Cities Program (PCP)						M.S. 1 Drawing No.
					155			MMP-1074P01-
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Punjab Cities Program (PCP)

042-36292528 042-36292528 cdc.mmp@mmpakistan.com http://www.mmpakistan.com

PMDFC

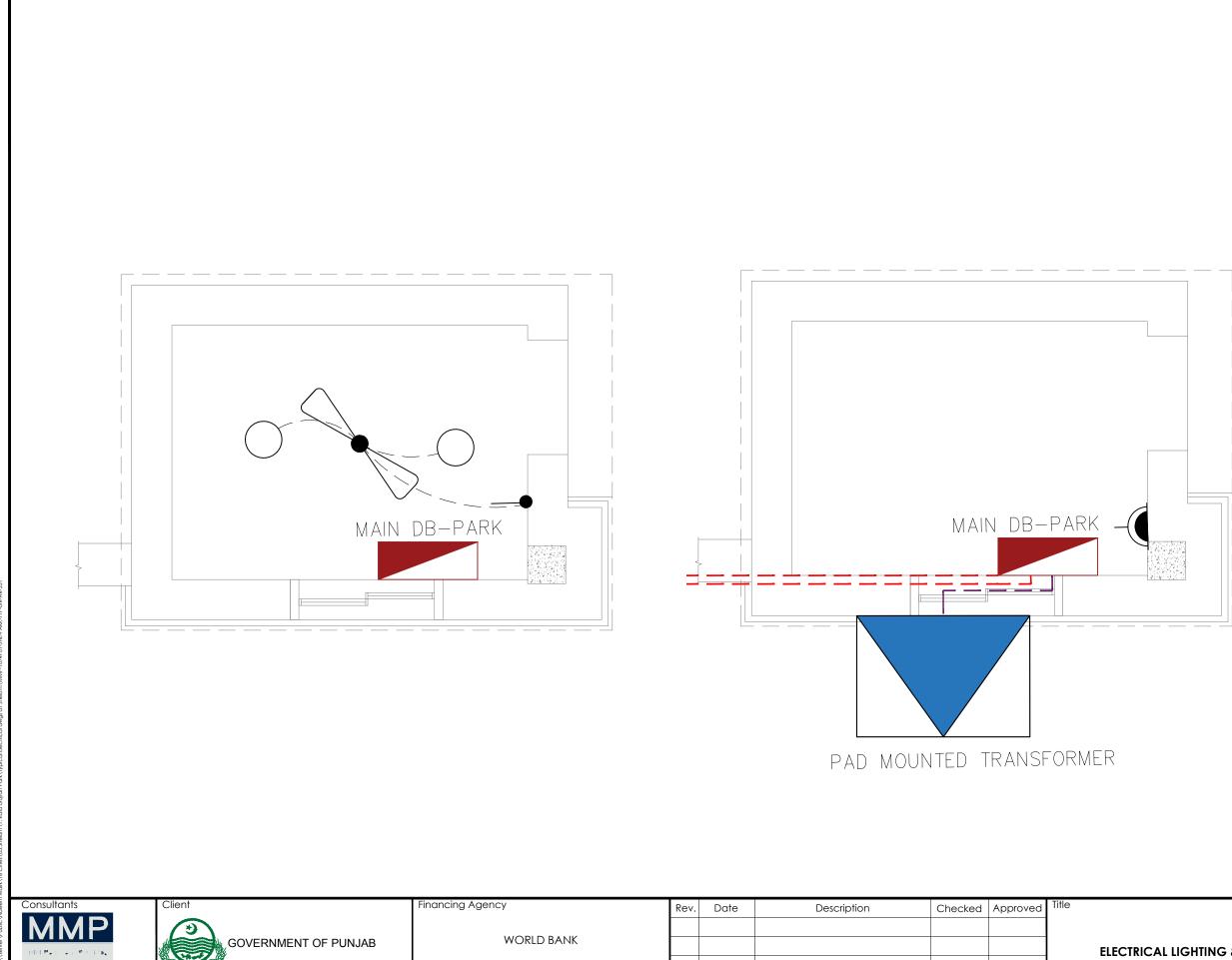
Department (PMDFC)

Drawing No.

Ľ	00	ORS	& WINDO	WS S	SCHEDULE	
NO	TYP.		SIZE	SILL	DESCRIPTION	
01	DI	2'-3"	X7'-0''	0'-0''	WOODEN DOOR	
02	W1	3'-0"	X3'-0''	4'-0''	GLASS WINDOW	
			LEGEN	1D		
03	C.H.			CLEAR HEIGHT (Finished Floor To Bottom Of Slab)		
04	G.L.		GROUND LEVEL			
05	05 F.F.L. FINISHED FLOOR LEVEL					

	LEGEND
TYPE	DESCRIPTION
G.L.	GROUND LEVEL
F.F.L.	FINISHED FLOOR LEVEL
B.O.S.	BOTTOM OF SLAB
T.O.S.	TOP OF SLAB
T.O.R.	TOP OF ROOF
C.H.	CLEAR HEIGHT
\diamond	ELEVATION MARK IN PLAN
\diamond —	SECTION LINE MARK IN PLAN
± ⊥	LEVEL MARK IN ELEVATION
\$	LEVEL MARK IN PLAN
A	APPROVED BRICK FINISHED

	Designed	MMP	
	Drawn	MMP	
	Checked	MMP	
GUARD ROOM DETAIL	Approved	PMDFC	
	Scale		As Shown
No. MMP-1074P01-JHE-PARK-TYP-GR-AR-501	Rev No:	0	

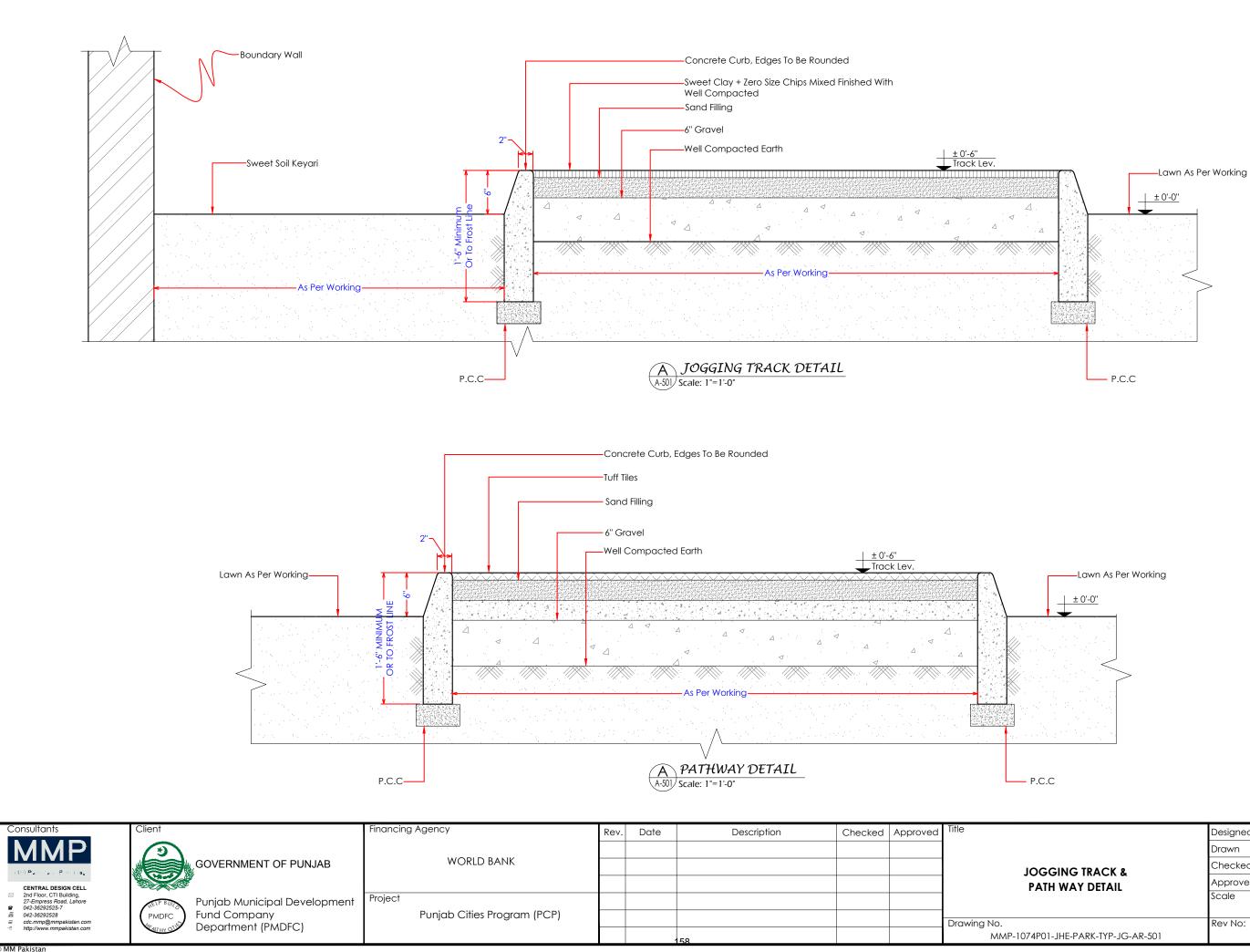


:e:	CENTRAL DESIGN CELL					1	LA LA
th & na	 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 	Punjab Municipal Development	Project				
i file pa	042-36292528 cdc.mmp@mmpakistan.com	(PMDFC) Fund Company Department (PMDFC)	Punjab Cities Program (PCP)				Drawing No.
Drawing	-* http://www.mmpakistan.com				157		MMP-1074P01-
	© MM Pakistan					 	

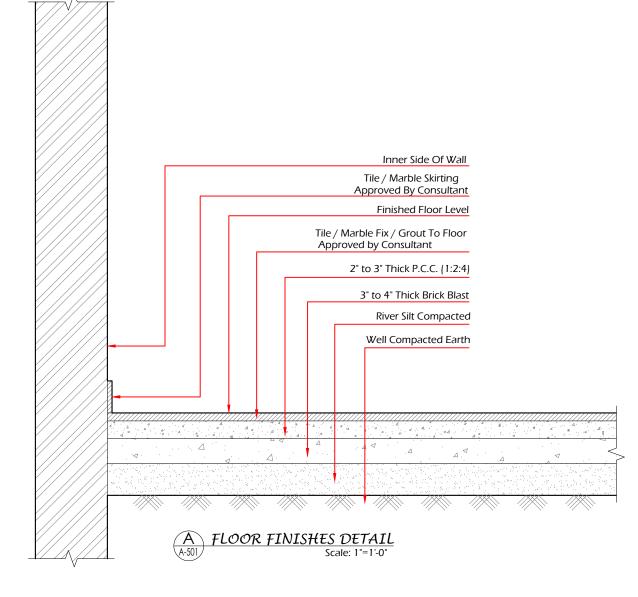
Sr/No	NAME	symbol
01	15 AMP Switch Socket	-(
02	Wall Mounted Main Distribution Panel	
03	Transformer	

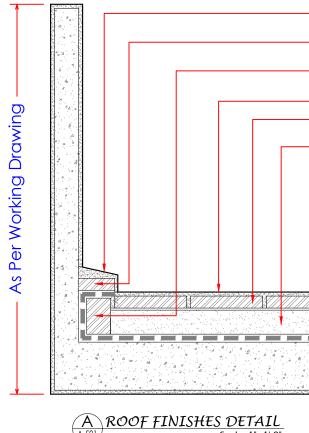
Sr/No	NAME	SYMBOL
01	8 w Led Vanity Light	
02	10 w led DL (Recessed Type)	0
03	2 Gang one-way Switch	مر

ICAL LIGHTING & POWER LAYOUT PLAN	Designed	MMP
	Drawn	MMP
	Checked	MMP
	Approved	PMDFC
	Scale	As Shown
4P01-JHE-PARK-TYP-GR-AR-551	Rev No:	0



Designed	MMP
Drawn	MMP
Checked	MMP
Approved	PMDFC
Scale	As Shown
Rev No:	0
Rev NO:	0
	Drawn Checked Approved Scale





(A)	ROOF FINISHES DETAIL
A-501	Scale: 1"=1'-0"

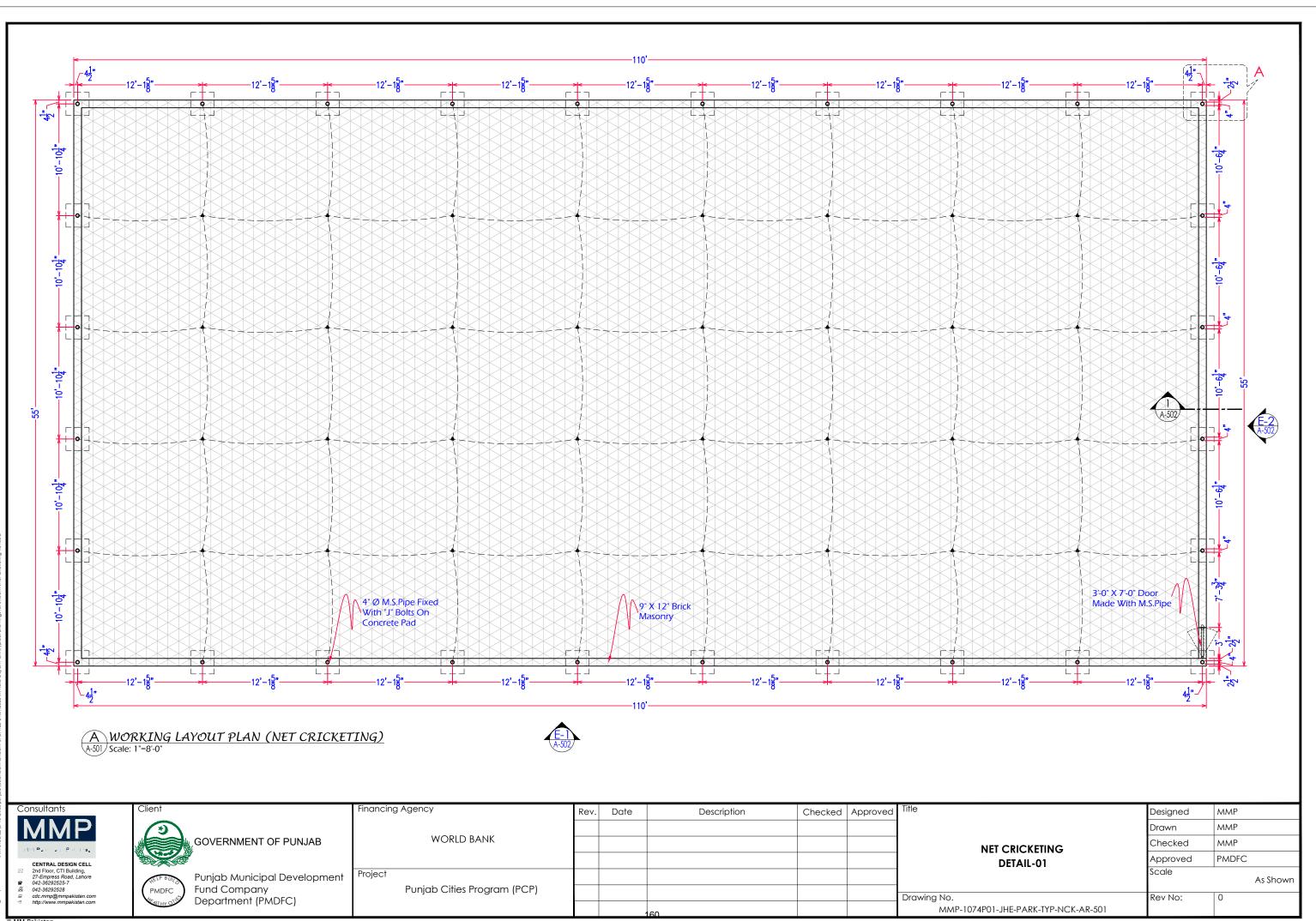
	Consultants	Client	Financing Agency	Rev.	Date	Description	Checked	Approved	Title
	MMP		WORLD BANK						
	MMP - Company Parts in the	GOVERNMENT OF PUNJAB	WORLD BAINK						FINISHES D
5	CENTRAL DESIGN CELL 2nd Floor, CTI Building, 27-Empress Road, Lahore 142-36292525-7	Punjab Municipal Development							GUJF
0	 B 042-36292528 □ cdc.mmp@mmpakistan.com http://www.mmpakistan.com 	PMDFC Fund Company Department (PMDFC)	Punjab Cities Program (PCP)						Drawing No. MMP-1074P01-
i C	© MM Pakistan					150			74101-1074101-

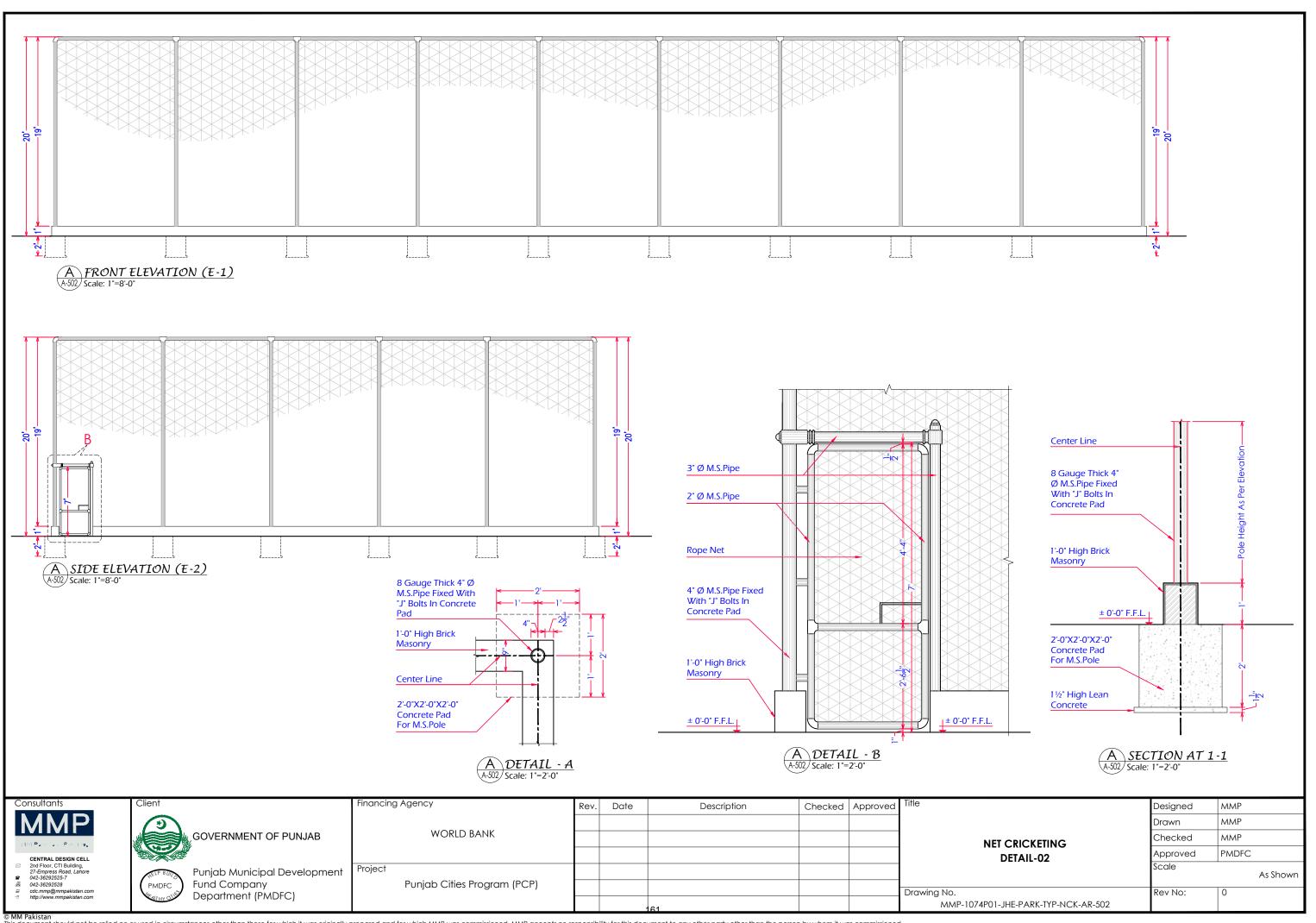
c/s Plaster (1:3) In Slope			
11/2" Thick Brick Tiles				
1 Layer C	Df Brick In Position)			
Grouting With a	/s Plaster			
On 1½" Thick	Brick Tiles			
3" to 4" Th				
2 Layers Of Polythene				
Sheet 1 Coat Of Hot Bitumen Covered All				
Pou R.c.c. Slab Thickness A	rs Of Slab According			
Structural Drawing 1/2" Thick Plaster On				
	Plaster On m Of Slab			
	2 	an a		
	Designed	MMP		
	Drawn	MMP		
	Checked	MMP		
S DETAIL OF KALA	Approved	PMDFC		
IJRAN PARK Approved PMDFC Scale				

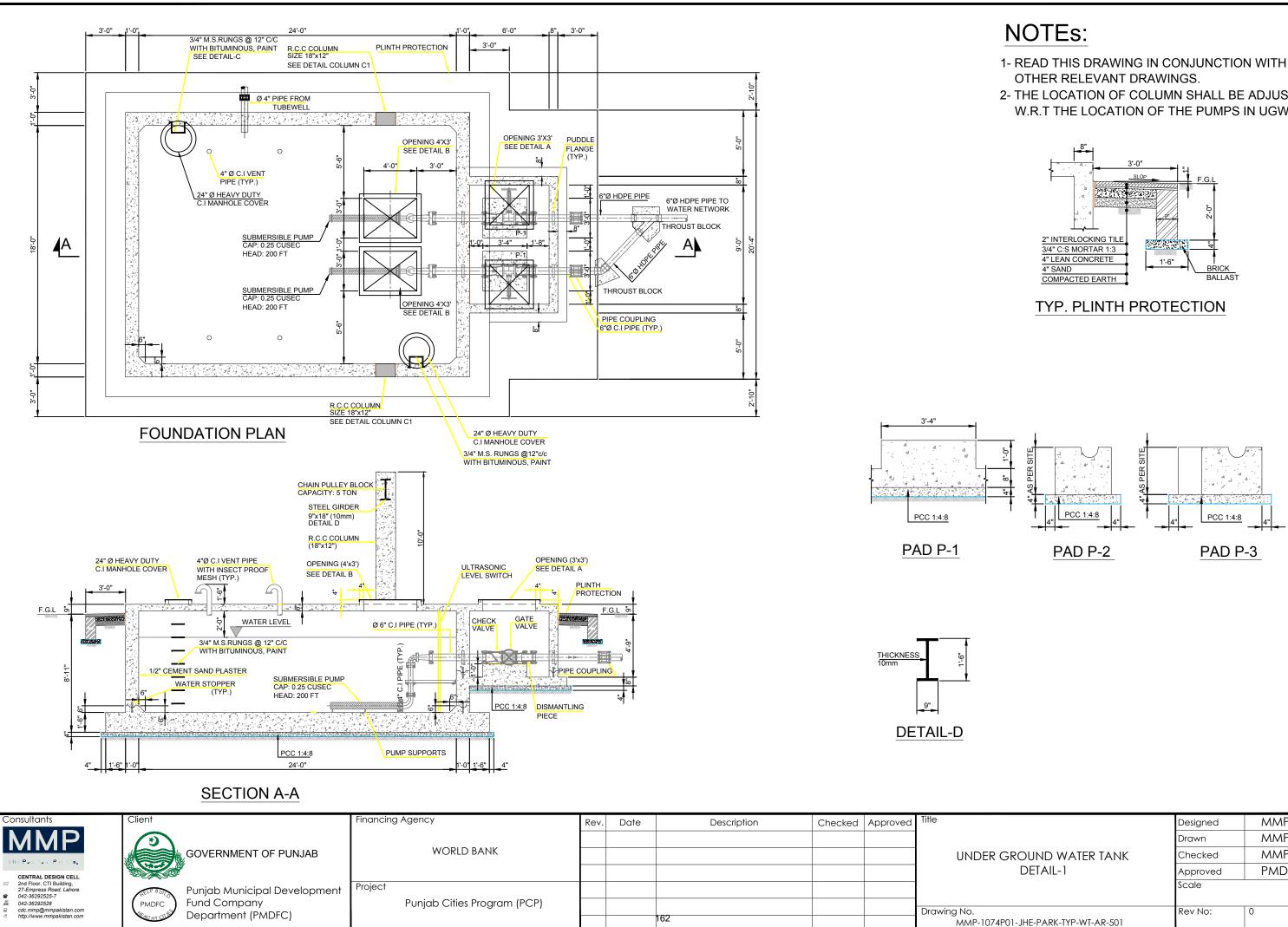
-JHE-PARK-FD-AR-501	

Rev No: 0

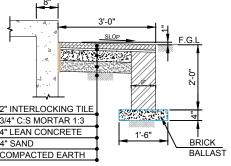
As Shown



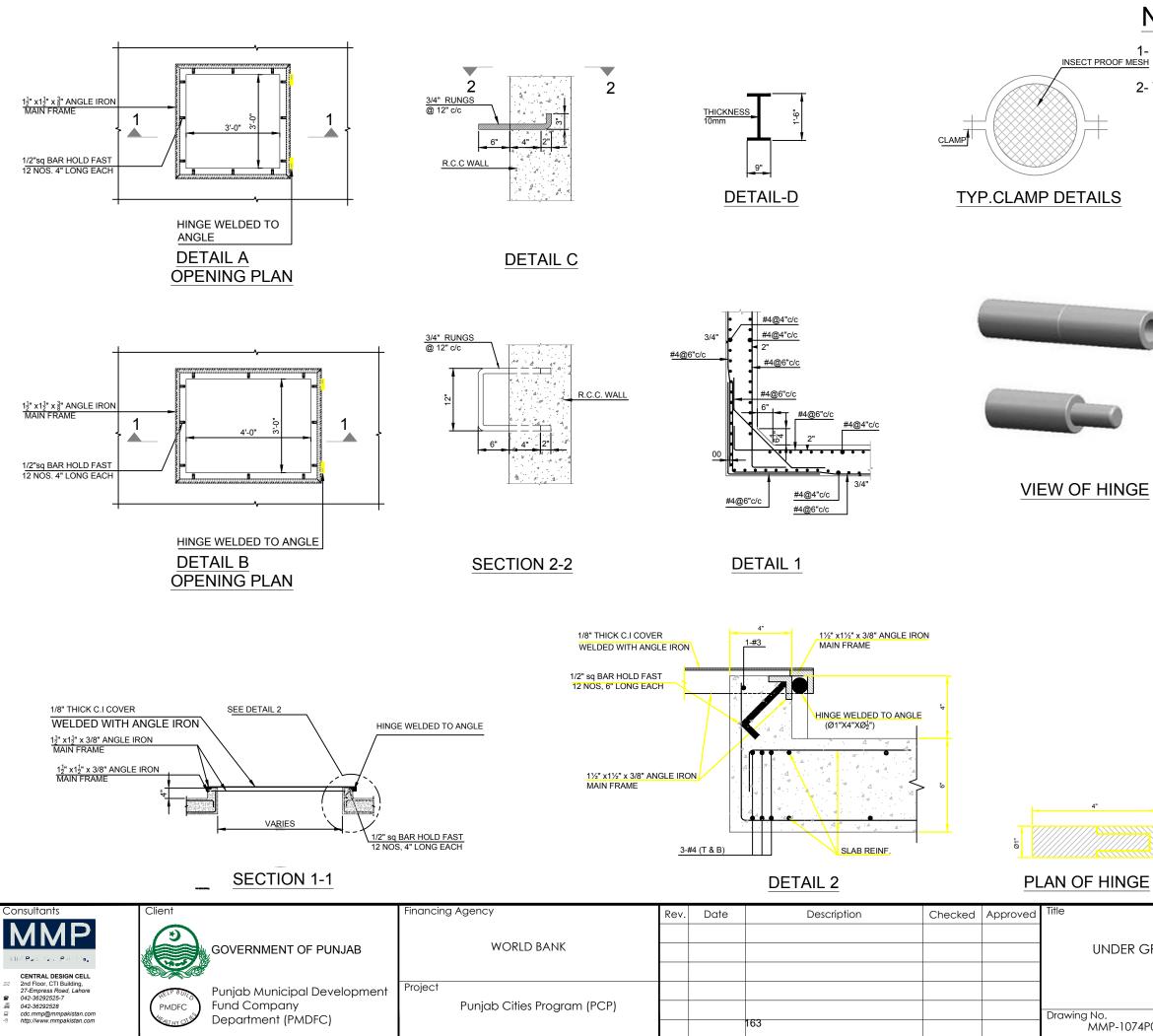




1- READ THIS DRAWING IN CONJUNCTION WITH ALL 2- THE LOCATION OF COLUMN SHALL BE ADJUSTED W.R.T THE LOCATION OF THE PUMPS IN UGWT.



Round water tank Detail-1	Designed	MMP
	Drawn	MMP
	Checked	MMP
	Approved	PMDFC
	Scale	
-JHE-PARK-TYP-WT-AR-501	Rev No:	0



163

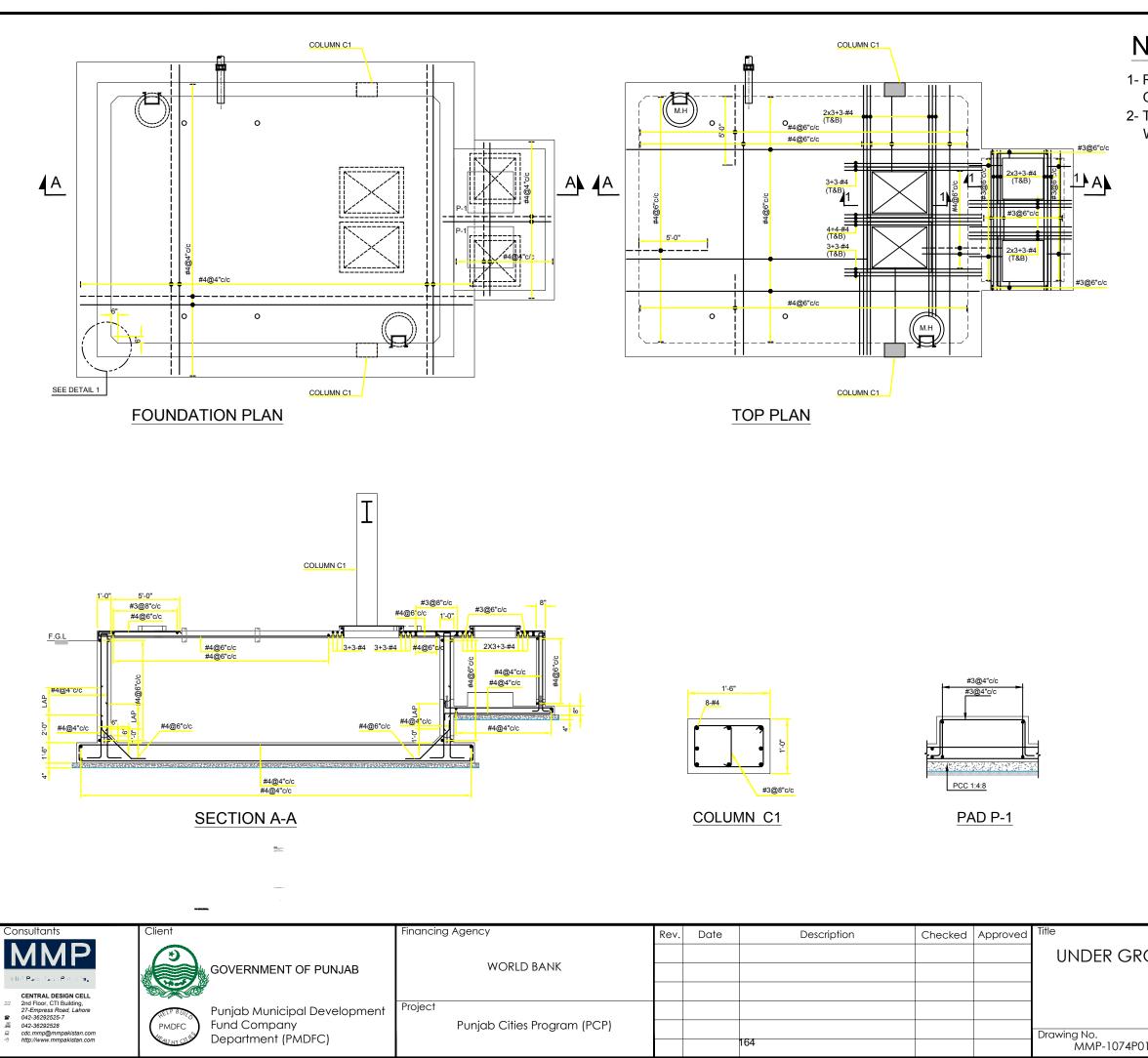
NOTEs:

1- READ THIS DRAWING IN CONJUNCTION WITH ALL 2- THE LOCATION OF COLUMN SHALL BE ADJUSTED W.R.T THE LOCATION OF THE PUMPS IN UGWT.





GROUND WATER TANK DETAIL-2	Designed	MMP
	Drawn	MMP
	Checked	MMP
	Approved	PMDFC
	Scale	
P01-JHE-PARK-TYP-WT-AR-502	Rev No:	0

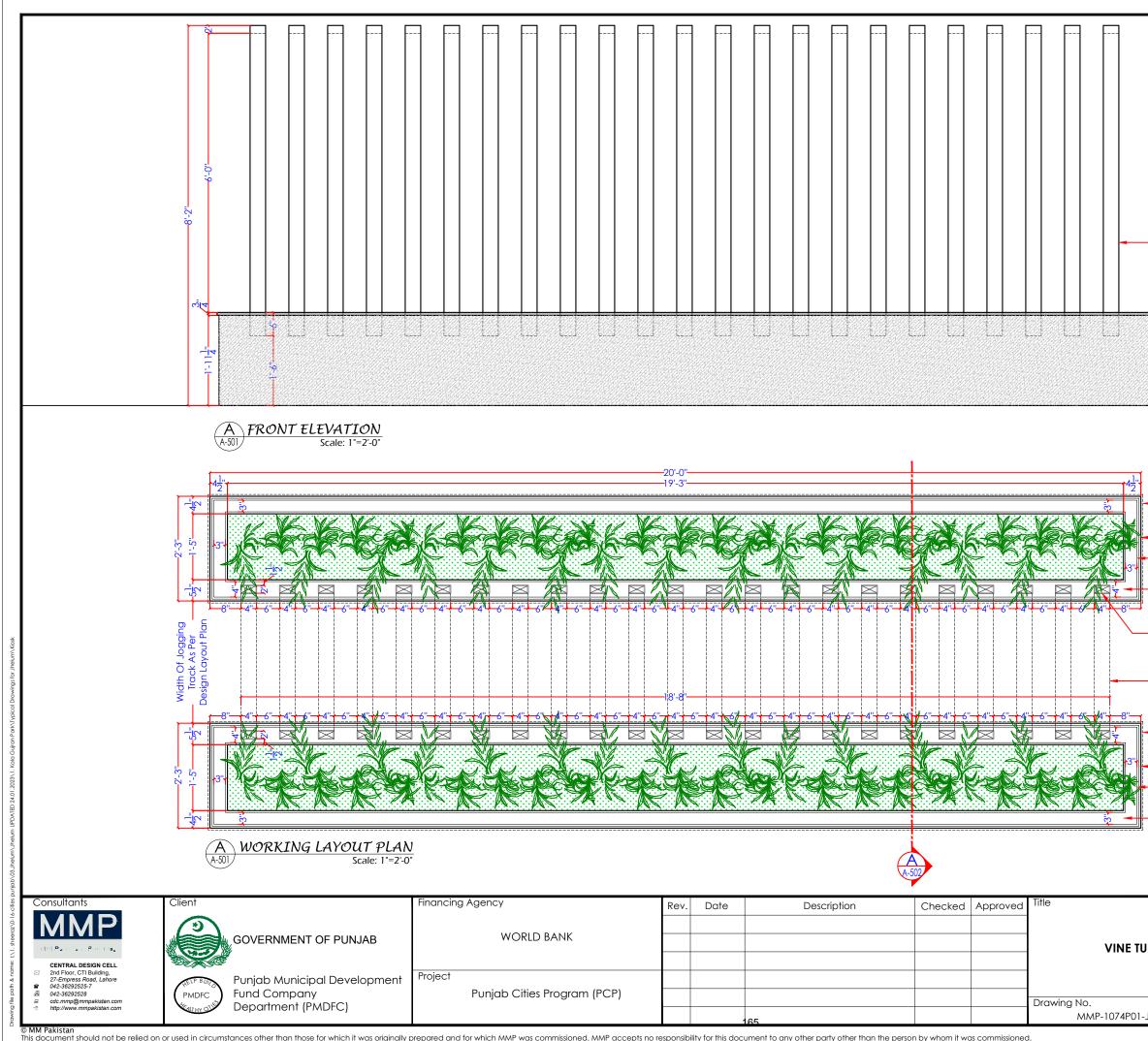


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NOTEs:

1- READ THIS DRAWING IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS. 2- THE LOCATION OF COLUMN SHALL BE ADJUSTED W.R.T THE LOCATION OF THE PUMPS IN UGWT.

ROUND WATER TANK DETAIL-3	Designed	MMP
	Drawn	MMP
	Checked	MMP
	Approved	PMDFC
	Scale	
01-JHE-PARK-TYP-WT-AR-503	Rev No:	0



8 Gauge Thick 4"X2" M.S.Pipe Fixed In Concrete Wall

3/4" Thick & 1/2" Projected Edge Of Marble / Granite As Approved Or Directed by Consultant

1/2" Thick Marble / Granite Finished As Approved Or Directed by Consultant

Dotted Line Indicated 3/4" Thick & 1/2" Projected Edge Of Marble / Granite As Approved Or Directed by Consultant

1/2" Thick Marble / Granite Finished As Approved Or Directed by Consultant

1/2" Thick C/S. Plaster

R.C.C. Wall With Respected Dimensions

8 Gauge Thick 4"X2" M.S.Pipe Fixed In Concrete Wall

Dotted Line Indicated 8 Gauge Thick 4"X2" M.S.Pipe @ 8'-0" Above From Jogging Track Level

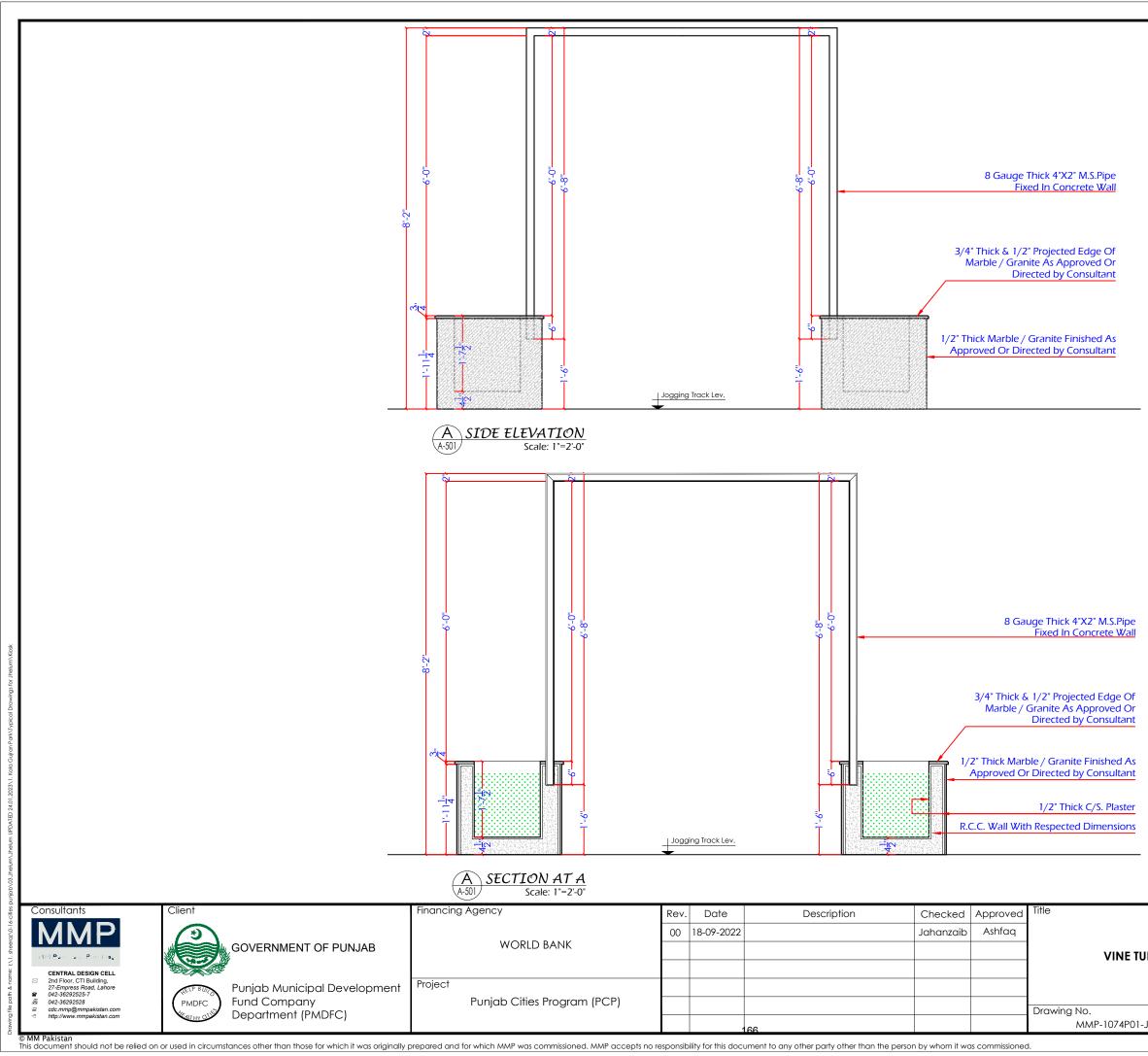
Dotted Line Indicated 3/4" Thick & 1/2" Projected Edge Of Marble / Granite As Approved Or Directed by Consultant

1/2" Thick Marble / Granite Finished As Approved Or Directed by Consultant

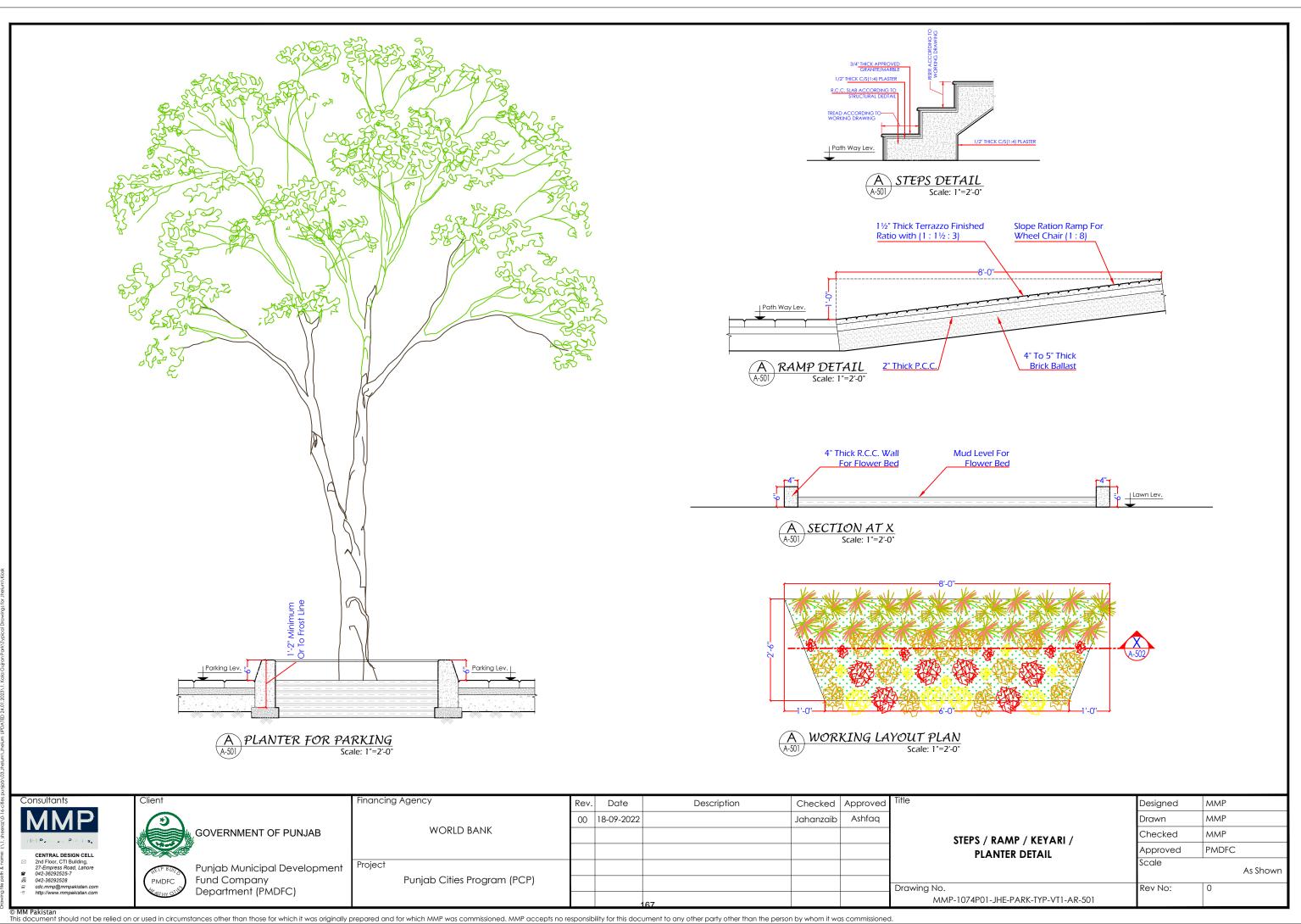
1/2" Thick C/S. Plaster

R.C.C. Wall With Respected Dimensions

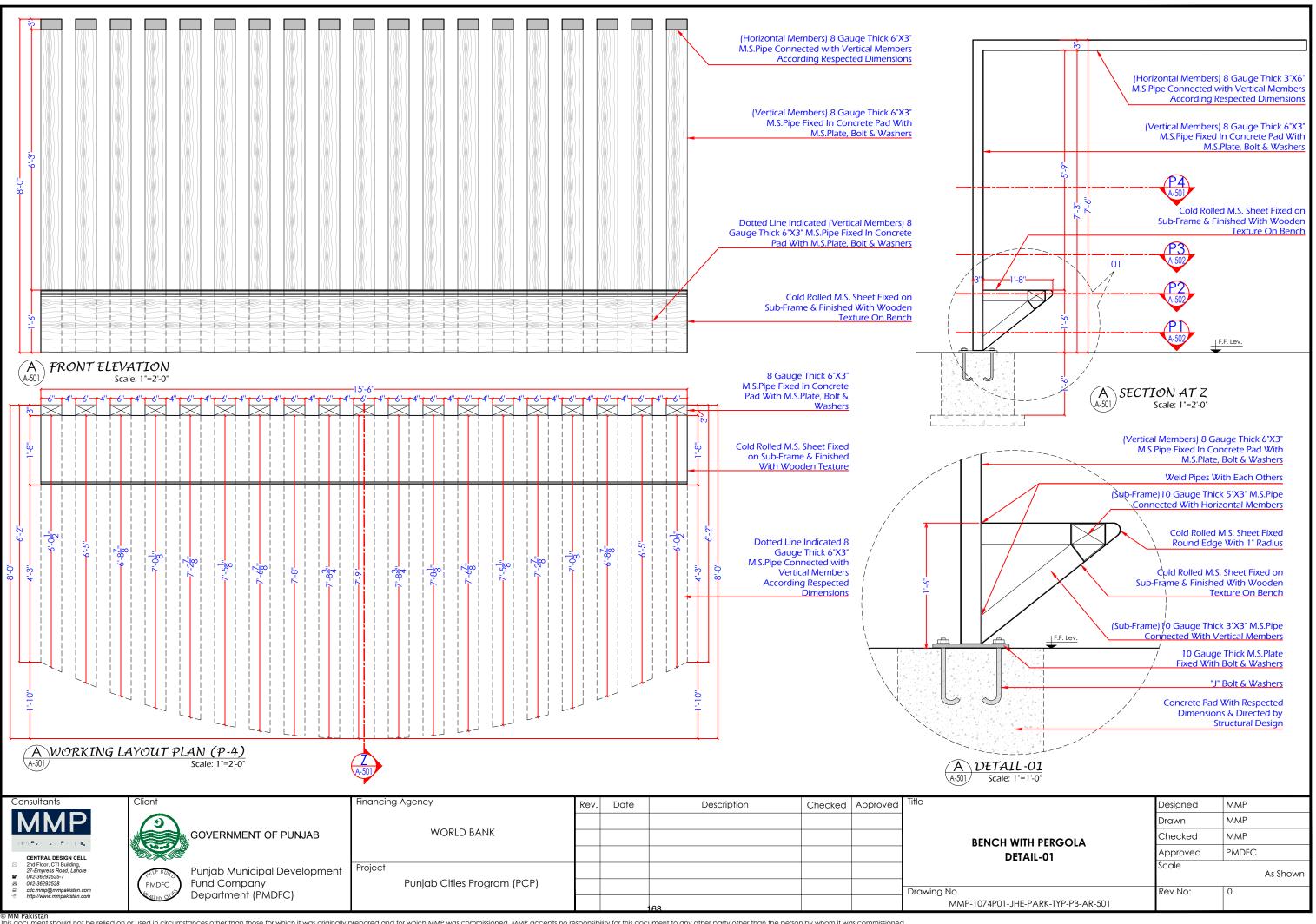
	Designed	MMP
JNNEL DETAIL-01 TYPE-B	Drawn	MMP
	Checked	MMP
	Approved	PMDFC
	Scale	As Shown
JHE-PARK-TYP-VT1-AR-501	Rev No:	0

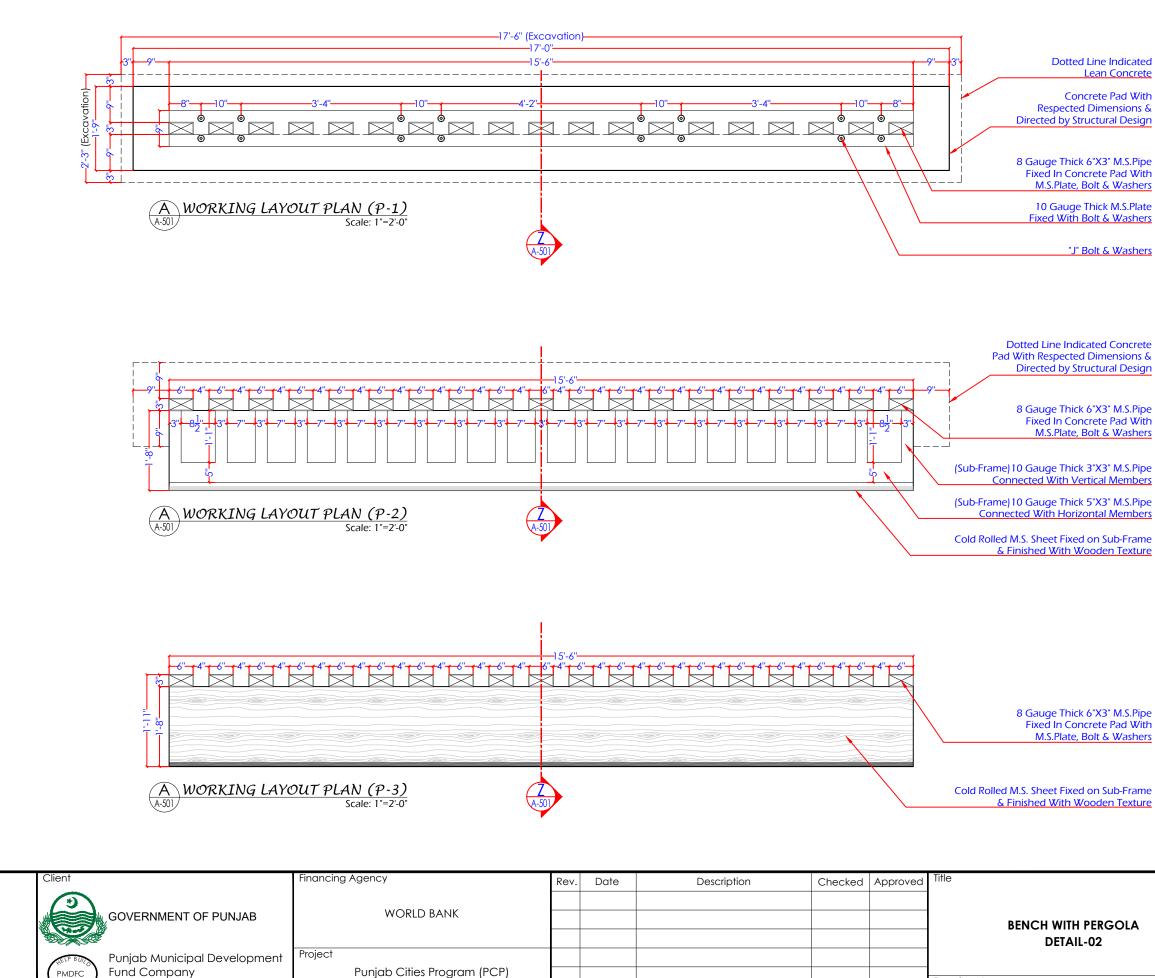


	Designed	MMP	
UNNEL DETAIL-02 TYPE-B	Drawn	MMP	
	Checked	MMP	
	Approved	PMDFC	
	Scale		As Shown
I-JHE-PARK-TYP-VT1-AR-502	Rev No:	0	



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Consultants

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CENTRAL DESIGN CELL 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 042-36292528 cdc.mmg@mmpakistan.com http://www.mmpakistan.com

D

Department (PMDFC)

Dotted Line Indicated Lean Concrete

Concrete Pad With Respected Dimensions & Directed by Structural Design

8 Gauge Thick 6"X3" M.S.Pipe Fixed In Concrete Pad With M.S.Plate, Bolt & Washers

10 Gauge Thick M.S.Plate Fixed With Bolt & Washers

"J" Bolt & Washers

Dotted Line Indicated Concrete Pad With Respected Dimensions & Directed by Structural Design

8 Gauge Thick 6"X3" M.S.Pipe Fixed In Concrete Pad With M.S.Plate, Bolt & Washers

& Finished With Wooden Texture

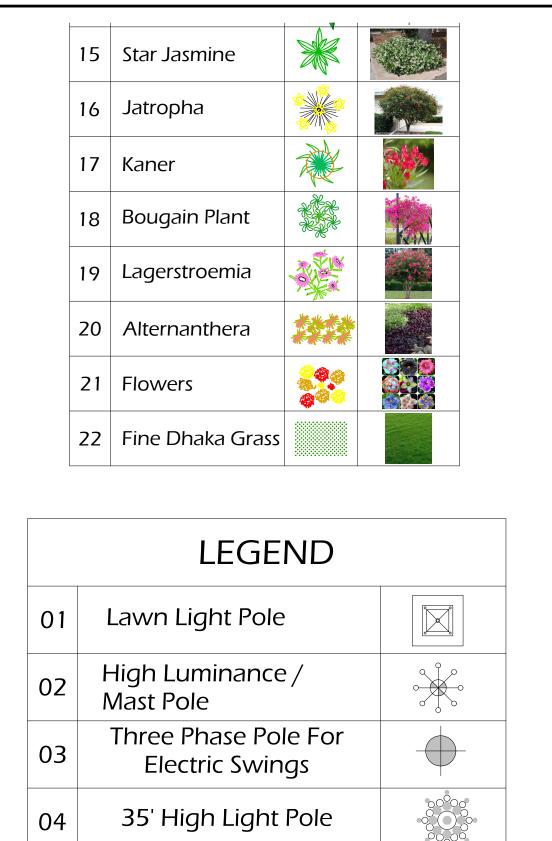
8 Gauge Thick 6"X3" M.S.Pipe Fixed In Concrete Pad With M.S.Plate, Bolt & Washers

& Finished With Wooden Texture

Drawing No.

	Designed		
BENCH WITH PERGOLA DETAIL-02	Drawn	MMP	
	Checked	MMP	
	Approved	PMDFC	
	Scale	·	As Shown
No. MMP-1074P01-JHE-PARK-TYP-PB-AR-502	Rev No:	0	

LEGEND				
1	Terminalia Tree			
2	Phoenix Palm	*		
3	Alstonia tree	X		
4	GulMohar Tree			
5	Jacaranda Tree			
6	Yucca			
7	Rain Tree			
8	Plumbago			
9	Bismarkia			
10	Conocapus	2000 000 000 000 000 000 000 000 000 00		
11	Cone Topiary		Istration of the second	
12	Lantana	Sing		
13	Bird Of Paradise			
14	Foxtail Palm	×	*	



	LEGEND		
01	Concrete Bench with M.S.Table		
02	Concrete Bench		
03	Wrought Iron Bench	n	
04	Gazebo		
05	Public Toilets		
06	Cafeteria		
07	Storage Tank		
L	1	1	
Title	LEGEND	Designed Drawn Checked Approved Scale	MMP MMP MMP PMDFC As Shown
Drawing N	No. 1MP-1074P01-JHE-PARK-RH-TYP-LG-AR-501	Rev No:	0

Consultants	Client	Financing Agency	Rev.	Date	Description	Checked	Approved	Title
MMP	GOVERNMENT OF PUNJAB	WORLD BANK						
다 제안에 P _ < : ' : P - 이 : 1 ' @ _ CENTRAL DESIGN CELL								
 2nd Floor, CTI Building, 27-Empress Road, Lahore 042-36292525-7 042-36292528 	Punjab Municipal Development	Project Punjab Cities Program (PCP)						
☐ cdc.mmp@mmpakistan.com → http://www.mmpakistan.com	Department (PMDFC)				170			Drawing No. MMP-1074P01-J