

Punjab Cities Program

Detailed Design of Infrastructure Sub-Projects, Sectoral
Planning & Resident Supervision in 16 Cities of Punjab

MMP

MM Pakistan (Pvt) Ltd.

Ref: MMP/PMDFC/1074/COM//097/2023
Date: 03 Nov, 2023



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Chief Officer
MC Jhelum
Pakistan.

Subject: FINANCIAL EVALUATION REPORT FOR PROJECT "CONSTRUCTION/
REHABILITATION OF ALTAF PARK IN JHELUM CITY -PACKAGE I

Dear Sir,

Financial Bids were opened on 26-10-23 in the presence of consultant in M.C Jhelum for the following project.

- o CONSTRUCTION/ REHABILITATION OF ALTAF PARK IN JHELUM CITY

One (01) No. of financial bid was received from MC Jhelum

To assist MC in preparation of financial evaluation report as required under the consultancy contract, we have prepared the enclosed report for your further verification and necessary action, please.

It is also pointed out that arithmetic errors were found in the TS estimate received for comparative statement. The enclosed report have been prepared by taking rates from the TS estimate and quantities from the BOQ provided in the building documents for preparing comparative statement. We are also sending along the financial bid as received.

Regards,

Mazhar Ahmad Saeed
Team Leader/CRE
Package I-PCP

CC:

- Zahid Aziz, PD, PMDFC
- Mr. Iftikhar Rasool, DPD, PMDFC
- Zohaib Butt, SPO (Procurement), PMDFC
- Arslan Idress, PO (Procurement), PMDFC
- Tariq Habib, Practice Management, MMP
- M. Affan Munir, Project Coordinator, MMP
- Mr. Muhammad Rafiq Contract Engineer, MMP
- Mr. Zubair Qadir Field Coordinator

Encl:

- Financial Evaluation Report
- Cost Estimate
- Financial Bid

MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/ REHABILITATION OF ALTAF PARK IN JHELUM CITY
FINANCIAL EVALUATION

GENERAL ABSTRACT OF COST		Estimated Cost	Al-Rafay Builders
Sr. No	Item Description	Amount (PKR)	Amount (PKR)
A	CIVIL WORKS		
1	Jogging Track	3,121,480	3,246,339
2	Pathways	14,935,020	15,532,421
3	Grass, Tree Plantation	15,479,982	16,099,181
4	Net Cricketing	2,015,249	2,095,859
5	UG WT	8,348,685	8,682,632
6	Foundation of Electric Poles & Swings etc	3,197,938	3,325,856
7	Play Land Area & Open Gym Area	6,145,827	6,391,660
8	Public toilet (2 Places)	2,985,400	3,103,879
9	Cafeteria	5,067,000	5,269,721
10	Guard Room	545,700	567,504
	Sub Total of Cost (1)	61,842,282	64,315,053
B	ELECTRICAL WORKS		
1	External Lighting	10,103,287	10,507,418
2	Bath Room	340,619	354,244
3	Cafeteria	1,022,522	1,063,423
	Sub Total of Cost (2)	11,466,428	11,925,085
C	WATER SUPPLY AND SEWERAGE WORKS		
1	Sewerage	4,100,447	4,264,465
2	Water Supply	12,485,599	12,985,023
	Sub Total Cost of (3)	16,586,046	17,249,488
D	E&S Cost	853,000	887,120
	Total Cost (Rs) 1+2+3+4	90,747,755	94,376,745
	Discount offered (PKR)		3,569,566
	Discount offered (%)		3.78
	Total Cost (PKR)	90,747,755	90,807,179.21
	Above Estimated Cost (%)		0.065





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Team Leader

M/s MMP

MUNICIPAL COMMITTEE JHELUM

CONSTRUCTION/REHABILITATION OF ALTAZ PARK IN JHELUM CITY-PACKAGE I

FINANCIAL EVALUATION

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Municipal Officer (I&S)/Secretary

MC JHELUM

[Handwritten signature]

Municipal Officer (Finance)/Member

MC JHELUM

[Handwritten signature]

Assistant Engineer/Member LG & CD JHELUM

[Handwritten signature]

Rep. of Deputy Commissioner/Member JHELUM

[Handwritten signature]

Administrator MC JHELUM

[Handwritten signature]

Chief Officer/Convener MC JHELUM

MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAf PARK IN JHELUM CITY
FINANCIAL EVALUATION

FINANCIAL EVALUATION FOR JOGGING TRACK

A-1 Jogging Track					Estimated Cost	Al-Rafay Builders	
Sr.	Description	Quantity	Unit	Rate	Amount in PKR	Rate (PKR)	Amount (PKR)
#						Rate (PKR)	Amount (PKR)
Jogging Track							
1	Regular Excavation dressed	16,284	cft	4.72	76,860	4.91	79,934.90
2	Earthwork in ordinary soil for embankments lead upto 100 ft. (30 m), including ploughing and mixing with blade grade or disc harrow or other suitable equipment, and compaction by mechanical means at optimum moisture content and dressing to designed section, complete in all respects:- i) 95% to 100% maximum modified AASHO dry density	8,142	cft	9.96	81,094	10.36	84,338.09
3	Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m)						
	a) upto ¼ mile (400m).						
	b) for every 330 ft. (100 m) additional lead or part thereof, beyond ¼ mile (400 m) upto one mile. (1.6 Km.						
	c) for every ¼ mile (400 m) additional lead or part thereof, beyond one mile (1.6 Km.) upto 5 mile (8 Km). 3km is taken	8,142	cft	6.04	49,178	6.28	51,144.79
4	Pea Gravel Surfacing	2,768	cft	111.00	307,279	115.44	319,570.24
5	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						
		5,428	Rft	480.3	2,607,068.40	499.512	2,711,351.14
S.Total					3,121,480		3,246,339.16



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY
FINANCIAL EVALUATION

A-2 Pathway				Estimated Cost		Al-Rafay Builders	
ITEM NO	Description	Quantity	Unit	Rate	Amount (PKR)	Rate (PKR)	Amount (PKR)
<i>Pathway and Electric Swing Area</i>							
1	Regular excavation dressed	57755	Cft	5	272,950	4.91504	283868.1352
2	Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50)	24257	Cft	99	2,401,453	102.96	2497511.016
3	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	57755	Sft	157.4	9,090,637	163.696	9454262.48
4	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						
		6600	Rft	480.3	3,169,980	499.512	3296779.2
S.Total					14,935,020	771.08	15532420.83



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/ REHABILITATION OF ALTAF PARK IN JHELUM CITY
FINANCIAL EVALUATION

A-3 Grass, Tree and Plantation				Estimated Cost		Al-Rafay Builders	
S.No	Description	Quantity	Unit	Rate	Amount in PKR	Rate (PKR)	Amount (PKR)
Supply & Installation of Plants and Trees.							
Soil Preparation							
1	Regular excavation dressed and disposal of unsuitable material upto 3 km	163,655.25	Cft	11.77	1,926,786.90	12	2,003,858.38
2	Supply & laying of good earth at site.(218207x0.75)	163,655.25	Cft	14.10	2,308,144.55	15	2,400,470.33
Fertilizer							
3	sweet soil (Phal)	1,100	Cft	42	46,200	44	48,048.00
4	Urea 50kg	7	Bag	4,200	29,400	4,368	30,576.00
5	Dap 50kg	7	Bag	1,080	7,560	1,123	7,862.40
6	Cow manure 2cft/bag	252	Cft	15	3,780	16	3,931.20
7	Termiticides& Pesticides	7	Litre	3,600	25,200	3,744	26,208.00
8	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).	218,207	Sft	1,848	4,032,465.36	1,922	4,193,763.97
Plantation.(Lookafter and watering for 6month responsibility of the contractor)							
9	Alstonia(H=8'-10')	8	Each	3,500	28,000	3,640	29,120.00
10	Terminalla Tree(H=8'-10')	9	Each	3,000	27,000	3,120	28,080.00
11	Phoenix Palm(H=8'-10')	61	Each	2,500	152,500	2,600	158,600.00
12	Yucca(H=8'-10')	10	Each	150	1,500	156	1,560.00
13	Rain Tree(H=8'-10')	34	Each	2,000	68,000	2,080	70,720.00
14	Plumbago (H=8'-10')	56	Each	100	5,600	104	5,824.00
15	Bismarkia(H=8'-10')	30	Each	1,500	45,000	1,560	46,800.00
16	Conocapus(H=8'-10')	50	Each	25	1,250	26	1,300.00
17	Cone Topiary(H=8'-10')	7	Each	2,500	17,500	2,600	18,200.00
18	Gulmahar(H=8'-10')	8	Each	3,200	25,600	3,328	26,624.00
19	Bird of Paradise(H=8'-10')	20	Each	150	3,000	156	3,120.00
20	Foxtail Palm(H=8'-10')	10	Each	4,000	40,000	4,160	41,600.00
21	Jacaranda tree(H=8'-10')	16	Each	1,500	24,000	1,560	24,960.00
22	Star Jasmine(H=8'-10')	60	Each	50	3,000	52	3,120.00
23	Jatropha(H=8'-10')	56	Each	30	1,680	31	1,747.20
24	Kaner(H=8'-10')	56	Each	50	2,800	52	2,912.00
25	Lagerstroemia	57	Each	150	8,550	156	8,892.00
26	Altemanthera	200	Each	5	1,000	5	1,040.00
27	Flowers	397	Each	20	7,940	21	8,257.60
28	Concrete Bench - 1 Type-C (As per drawing attached)	3	Each	14,000	42,000	14,560	43,680.00
29	Concrete Bench - 2 Type-A	14	Each	14,000	196,000	14,560	203,840.00
30	Wrought Iron Bench Type-B (As per Drawing)	10	Each	28,000	280,000	29,120	291,200.00
31	Gazebo (Quotation attached)	3	Each	1,300,000	3,900,000	1,352,000	4,056,000.00



A-3 Grass, Tree and Plantation				Estimated Cost		Al-Rafay Builders	
S.No	Description	Quantity	Unit	Rate	Amount In PKR	Rate (PKR)	Amount (PKR)
32	Thick Harrow Sand (MRS 06.006)	350	Cft	78	27,300	81	28,392.00
33	P/F Vine Tunnel as per drawing complete in all respects and directed by the Consultant Engineer.	1	No	1,600,000	1,600,000	1,664,000	1,664,000.00
34	P/L Grass Tile size 15x23 inches as per drawing complete in all respects and directed by the Consultant Engineer. Area calculate by autocad (Rate Analysis Attached).	823.03	Sft	609	501,225.27	633	521,274.28
35	Dust Bin	6	No	15,000	90,000	15,600	93,600.00
					16,479,982.08	3,127,205	16,099,181.37
Sub.Total					15,479,982	3,127,205	16,099,181.37



**MUNICIPAL COMMITTEE JHELUM CONSTRUCTION/REHABILITATION OF
ALTA F PARK IN JHELUM CITY
FINANCIAL EVALUATION**

A-4 Net Cricketing				Estimated Cost		Al-Rafay Builders	
ITEM No	DESCRIPTION	Qty	Unit	Rate	Amount	Rate (PKR)	Amount (PKR)
1	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.	2,450.00	Cft	13.05	31,964.91	13.67	33,243.50
2	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):						
	(i) Ratio 1:4:8 9" walls	175.00	Cft	285.13	49,898.08	296.64	51,894.01
3	Pacca brck work in foundation and plinth in:-) Cement, sand mortar:-						
	Ratio 1:4)						
	1st step Toe Wall	225.00	Cft	324.55	73,022.85	337.53	75,943.78
	FLOOR						
4	Supplying and filling sand under floor; or plugging in wells.	2,250.00	Cft	28.82	64,395.00	29.78	66,970.80
5	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	1,485.00	Cft	102.57	152,309.03	106.67	158,401.39
6	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):						
	(f) Ratio 1: 2:4	1,485.00	Cft	378.15	558,578.30	391.19	580,921.43
7	Wire netting including posts and gate as per drawings	14,300.00	Sft	75.00	1,072,500.00	78.00	1,115,400.00
8	Carrage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spaw, 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.						
	Lead upto	135.00	from Margalla Hills quarry	165.85	Cft	75.86	
					12,580.97	78.89	13,084.21
					Total		PKR 2,015,249
							2,095,859.09



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAZ PARK IN JHELUM CITY
FINANCIAL EVALUATION

A-5 UNDER GROUND WATER TANK					Estimated Cost			Al-Rafay Builders	
Sr. No.	Description	Qty.	Unit	Unit Rate (Rs.)	Amount (Rs.)	Rate (PKR)	Amount (PKR)	Rate (PKR)	Amount (PKR)
SCHEDULE ITEMS									
EXCAVATION UGWT									
1	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 type of soil except shingle, gravel and rock.								
	i) 0 to 7 ft depth								
	Under Ground Water Tank	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
	ii) 7 to 15 ft. depth								
	Under Ground Water Tank	1	29.66	23.66	2.75	1,929.83	Cft		
						1,929.83	Cft	1,929.83	1,000
						18,457.30	Cft	35,619.41	19,195.59
BRICK OR STONE BALLAST									
2	Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50 mm) gauge.								
	Under Ground Water Tank	1	29.66	23.66	0.50	350.88	Cft		
						350.88	Cft	350.88	100
						9,900	Cft	34,736.90	10,296
PLAIN CEMENT CONCRETE									
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):								
	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
						28,513.90	Cft	111,635.66	29,654.46
	P.C.C 1:2:4								
	Under Valve	2	3.33	3.00	1.00	19.98	Cft		
						19.98	Cft	19.98	100
						37,614.70	Cft	7,515.42	39,119.29
REINFORCED CEMENT CONCRETE									
4	(a) (i) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects- (2) Type B (nominal mix 1: 1.5: 3)								
	Bottom Slab	1	29.00	23.00	1.50	1,000.50	Cft		
	Valve Chamber	1	11.68	7.67	0.67	60.02	Cft		
	Chamfer	2	0.50	24.00	0.50	6.00	Cft		
		2	0.50	18.00	0.50	4.50	Cft		
	Pump Foundation	2.00	3.00	0.33	1.00	1.98	Cft		
						1,073.00	Cft	1,073	1
						512.25	Cft	549,645.45	532.74
5	(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, Type B (nominal mix 1: 1½: 3),								
	UGWT								
	Long Walls	2	28.00	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	28.00	20.00	0.50	260.00	Cft		
	Valve Chamber Top Slab.	1	10.34	6.67	0.50	34.48	Cft		
	Columns	2	1.50	1.00	10.00	30.00	Cft		
	Chamfer	4	1	0.50	0.50	8.17	Cft		
						1,074.06	Cft	1,074.06	1
						621.65	Cft	667,686.88	648.52
									694,334.36



A-5 UNDER GROUND WATER TANK										Estimated Cost		Al-Rafay Builders	
Sr. No.	Description	Qty.	Unit	Unit Rate (Rs.)	Amount (Rs.)	Rate (PKR)	Amount (PKR)						
CRUSH CARRIAGE													
Carriage of 100 cft. (2.83 cu m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.													
	Ratio (1:2:4)	19.98	0.88	17.58	Cft								
	Ratio (1:4:8)	391.51	0.95	371.03	Cft								
	Ratio (1:1-1/2:3)	2,147.00	0.84	1,803.53	Cft								
				2,192.15	Cft	2,192.15	Cft	7,585.75	166,290.67	7,889.18	172,942.29		
FABRICATION OF REINFORCING STEEL													
6	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): (c) Deformed bars (Grade-60)												
	Total Concrete Qty	2,147.00	Cft										
	@	4.50	Kgs/Cft	9,661.76	Kg								
				9,661.76	Kg	9,661.76	100	Kg	31,945.80	3,088,538.94	33,223.74	3,209,988.42	
WALL PLASTER													
7	Cement plaster 1:3 upto 20' (6.00 m) height, 1/2" (13 mm) 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	388.16	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	Sft							
				1,589.04	Sft	1,589.04	100	Sft	3,635.05	57,035.39	3,780.45	59,318.80	
SLAB PLASTER													
8	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height, Ratio 1:3												
	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	100	Sft	3,960.25	19,248.82	4,118.66	20,016.69	
MILED STEEL RUNGS													
9	Providing and fixing 1 1/2"x1 1/2"x3/16" (31x31x5 mm) angle iron step(Rungs), in manhole chambers, Manholes & House Services Connection Chambers, including carriage and setting the same in work to correct lines and levels.												
		2	7.00		14.00	No.							
					14.00	No.	14	1	No.	610.75	8,550.50	635.18	8,892.52
CAST IRON MANHOLE COVER													
10	Supply and fitting of cast iron manhole cover with frame, etc. complete. iii) 60 cm (24") dia												
							2	1	No	2,426.30	4,852.60	2,523.35	5,046.70
BITUMEN COATING													
11	Providing and applying torch-on plain waterproofing bitumenous membrane of specified thickness (made of Roof-Grip/ Euro Bit) duly lapped/connected by heating with Torch over ps-8 primer i/c preparation/smoothen the surface complete in all respect as approved and directed by the Engineer Incharge ii) 4 mm thick												
	Base	1	29.00	23.00	667.00	Sft							
		1	12.34	7.67	94.65	Sft							
	External Sides	2	26.00	11.17	560.84	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	Sft	119.75	224,522.94	124.54	233,503.88	
POLYTHEEN SHEET													
12	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick)												
							1,874.93	1	Sft	8.65	16,218.15	9.00	16,866.88
MOSAIC FLOORING													
13	1 1/2"(40 mm) thick mosaic flooring, consisting of 1/2 "(13 mm) mosaic topping of one part of cement and marble for panelling, as powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick floor of 1:2:4 cement concrete, including rubbing and polishing complete with finishing :-												
	Flooring	1	24.00	18.00	432.00	Sft							
				432.00	Sft	432	100	No.	21,588.10	93,260.59	22,451.62	96,991.02	



A-5 UNDER GROUND WATER TANK										Estimated Cost		Al-Rafay Builders	
Sr. No.	Description	Qty.	Unit	Unit Rate (Rs.)	Amount (Rs.)	Rate (PKR)	Amount (PKR)						
DADO SKIRTING													
14	Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1/2" (13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing, using grey cement, 1/2" (13 mm) thick												
		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	No.	23,264.50		
											184,785.27		
											24,195.08		
											192,176.68		
WATER STOPPER													
15	Providing embedding 10" (250 mm) wide 1/4" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.												
	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	Rft	310.20		
											37,434.94		
											322.61		
											38,932.33		
BRICK WORK IN FOUNDATION													
16	Pacca brick work in foundation and plinth in:- Cement, sand mortar:- Ratio 1:4												
	Plinth Protection Wall	2		29.00	0.75	2.00	87.00	Cft					
		2		23.00	0.75	2.00	69.00	Cft					
		2		6.67	0.75	2.00	20.01	Cft					
							176.01	Cft	176.01	100	Cft		
											32,454.60		
											57,123.34		
											33,752.78		
											59,408.28		
SAND FILLING													
17	Supplying and filling sand under floor, or plugging in wells.												
		2		29.00	3.00	0.33	57.42	Cft					
		2		23.00	3.00	0.33	45.54	Cft					
		2		6.67	3.00	0.33	13.21	Cft					
							116.17	Cft	116.17	100	Cft		
											2,982		
											3,464.09		
											3,101.28		
											3,602.65		
TUFF PAVERS													
18	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. (50% Grey / 50% Coloured) b) 60-mm thick												
		2		29.00	3.00		174.00	Sft					
		2		23.00	3.00		138.00	Sft					
		2		6.67	3.00		40.02	Sft					
							352.02	Sft	352.02	1	No.		
											157.40		
											55,407.95		
											163.70		
											57,624.27		
FABRICATION OF HEAVY STEEL WORK													
19	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, rebitting, handling, assembling and fixing. (including erection in position extra).												
	Girder Flange	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	/		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						
							0.22						
		@		490.00	/		2.20	48.62	Kg				
							814.29	Kg	814.29	100	Kgs.		
											34,808.35		
											283,440.26		
											36,200.68		
											294,777.88		



A-5 UNDER GROUND WATER TANK				Estimated Cost		Al-Rafay Builders	
Sr. No.	Description	Qty.	Unit	Unit Rate (Rs.)	Amount (Rs.)	Rate (PKR)	Amount (PKR)
	SLUICE (GATE) VALVE						
20	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK) or Scon (Pakistan) ¼c the cost of all accessones flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.						
	(b) Flange Ended Ductile Iron Valve						
	i) 4 Inch dia	2	1 Each	19,931.30	39,862.60	20,728.55	41,457.10
	NON RETURN / CHECK VALVE						
21	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) ¼c the cost of all accessories flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.						
	(b) Flange Ended Ductile Iron Valve						
	i) 4 Inch dia	2	1 Each	33,697.30	67,394.60	35,045.19	70,090.38
	CHAIN PULLY						
22	Providing and fixing Chain Pulley Block of 5 ton capacity with 5 meter length of chain, as per required specifications complete in all respect and as approved by the Engineer Incharge	1	1 Each	32,586	32,586.00	33,889.44	33,889.44
	CAST IRON PIPE						
23	Providing, laying, cutting, jointing, testing and disinfecting cast iron ditto pipe line (BS-2035) in trenches, with flanged and flanged joints, complete in all respects:						
	i) 4 Inch dia pipe	17	1 Rft	1,611.90	27,402.30	1,676.38	28,498.39
	Total Schedule Items (Rs.) = "A"				5,945,589.00		6,183,411.85
	NON-SCHEDULE ITEMS						
	SUBMERSIBLE PUMP						
24	Supply, testing, commissioning and Installation of submersible pump 0.25 Cusec pump, Head 150 feet, V.F.D based imported stainless steel (SS-304) Submersible Pump one running and one standby with following technical data and accessories, MS Nipple, bracket for pump installation, supporting Brackets for Pipe, Pipe Increase / Expander, Tee Bend Elbow, riser Pipes, etc. completion in all respects as per drawings and specifications.	2	1 Each	1,201,548	2,403,096.00	1,249,609.92	2,499,219.84
	Total Non-Schedule Items (Rs.) = "B"				2,403,096.00		2,499,219.84
	Total Amount (Rs.) = "A + B"				8,348,685.00		8,682,631.69



MUNICIPAL COMMITTEE JHELUM
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A-6 Footings of Electric Poles & swings etc.				Estimated Cost		Al-Rafay Builders	
Sr No	DESCRIPTION	Qty	Unit	Rate	Amount (PKR)	Rate (PKR)	Amount (PKR)
1	Excavation in foundation of building and other structures including dagbelling,dressing,filling around and other structure with excavated earth, watering and ramming lead upto one chain(30m) and lift upto 5ft ll) In ordinary soil						
	Electric Poles						
	For 30' E-Pole						
	For 36' E-Pole						
	Swings etc.						
		1,998	Cft	11.66	23,293	12.12	24,224.91
2	Dressing and levelling of Earthwork to design section etc in ordinary soil or hard soil						
	b) By Manual (ordinary or hard soil).						
	Electric Poles						
	For 30' E-Pole						
	For 36' E-Pole						
	Swings etc.						
		1,998	Cft	0.69	1,384	0.72	1,439.48
3	Re- handling of ordinary earth upto a load of 50 ft radius within th project area)						
	Electric Poles						
	For 30' E-Pole						
	For 36' E-Pole						
	Swings etc.						
		1,998	Cft	3.88	7,754	4.04	8,063.99
4	Cement concrete plain including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate):						
	(i) Ratio 1:4:8)						
	Electric Poles						
	For 30' E-Pole						
	For 36' E-Pole						
	Swings etc.						
		222	Cft	285.14	63,301	296.54	65,832.89
5	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:-						
	Electric Poles						
	For 30' E-Pole						
	For 36' E-Pole						
	Swings etc.						
		1,504	Cft	556.35	836,750	578.60	870,220.42
6	Fabrication of mild steel reinforcement deformed bar cage of specified yield strength for R.C.C bored piles including cutting bending, lowering of cage with crane in position, welding and fastening, including the cost of binding wire, Crane machine (also includes removal of rust from the bars) as approved and directed by the Engineer Incharge						
	Grade-40						
	Electric Poles						
	For 30' E-Pole						
	For 36' E-Pole						
	Swings etc.						
	Qty as per RCC in Footing						
		3,240	Kg	315.56	1,022,418	328.18	1,063,314.35
7	Supply and erection of anchor rod Henley type for pole, including necessary clamps and 7/12" stay wire, straining screws, etc., erected in cement concrete 1:2:4 and collar of cement concrete.						
	Electric Poles						
	For 30' E-Pole						
	For 36' E-Pole						
		186	Rft	43.40	8,072	45.14	8,395.30
8	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.						
	Lead upto						
	Pcc 1.2.4 :as per item No.5						
	Pcc 1.4.8 :as per item No.4						
		1,534	Cft	92.55	141,965.87	96.25	147,644.51
					Total A =		2,104,938.31
							2,189,136.84



Play land Area (monkey bar, slides, swings etc)							
9							
9.1	Monkey Bar Pipe 3inch 14guage and inner bar 1.74 inch 14guage as per drawing Complete in all respects.	2	NO	62,000	124,000	64,480	128,960
9.2	Double Slide Frame basic pipe 2inch 14guage Slide material Fiber as per drawing Complete in all respects.	3	NO	135,000	405,000	140,400	421,200
9.3	Single Slide in size 10ft length/ frame basic pipe 2inch 14guage 1" 16guage as per drawing Complete in all respects.	2	NO	52,000	104,000	54,080	108,160
9.4	Three seater swings Pipe 3-1/2inch 14guage 6mm chain and seat in metal as per drawing Complete in all respects.	2	NO	70,000	140,000	72,800	145,600
9.5	Double Joint Seesaw in one Shaft pipe 3inch 14guage Each Seesaw having 2 seats as per drawing, complete in all respects.	2	NO	50,000	100,000	52,000	104,000
				Total B=	873,000		907,920
10	Open Gym Area (gym benches etc)						
10.1	Outdoor Gym Bench 6ft length strips in Wood-Kel Wood frame in Metal Pipe as per drawings, complete in all respects.	3	NO	40,000	120,000	41,600.00	124,800
10.2	Outdoor Gym activities bench as per drawings, complete in all respects.	2	NO	50,000	100,000	52,000.00	104,000
				Total C=	220,000		228,800
				GRAND TOTAL A+B+C	3,197,938.31		3,325,865.84



MUNICIPAL COMMITTEE JHELUM
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FINANCIAL EVALUATION

A-7 Play land Area & Open Gym Area .				Estimated Cost		Al-Rafay Builders	
Sr. No	Description	Quantity	Unit	Rate	Amount PKR	Rate (PKR)	Amount (PKR)
	PLAY LAND AREA (Area calculate by autocad)	17913.99	Sft				
1	Regular excavation dressed						
	Play land area	8957.00	1000 cft	5,726.70	51,294.02	5,955.77	53,345.78
1.1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate (f) Ratio 1: 2: 4						
1.2	Play land area	8957.00	1000 cft	37,614.70	336,914.68	39,119.29	350,391.27
	Artificial Grass (Astro Turf)						
1.3	Play land area	17913.99	1 Sft	275	4,926,347.25	286	5,123,401.14
Total Cost A					5,314,555.95		5,527,138.19
	Open Gym AREA (Area calculate by autocad)	2802	Sft				
	Regular excavation dressed						
2	Open Gym area	1401	1000 cft	5,726.70	8,023.11	5,955.77	8,344.03
	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate (f) Ratio 1: 2: 4						
2.1	Open Gym area	1401	1000 cft	37,614.70	52,698.19	39,119.29	54,806.12
	Artificial Grass (Astro Turf)						
2.2	Open Gym area	2802	1 Sft	275	770,550	286	801,372
Total Cost B					831,271.30		864,522.15
GRAND TOTAL A+B					6,145,827.25		6,391,660.34



MUNICIPAL COMMITTEE JHELUM
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FINANCIAL EVALUATION

A-8 Male and Female toilet

Sr No	DESCRIPTION	Qty	Unit	Estimated Cost		Al-Rafay Builders	
				Rate	Amount	Rate (PKR)	Amount (PKR)
1	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.						
		184.17	Cft	1,000	13,046.90	2,403.00	13,568.78
2	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):						
	(f) Ratio 1: 2:4 Male & Female sides)						
		61.34	Cft	100	37,614.70	23,071.92	39,119.29
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):						
	(i) Ratio 1:4:8)						
		145.13	Cft	100	28,513.19	41,381.00	29,653.72
4	Pacca brick work in foundation and plinth in:-i) Cement, sand mortar:-						
	Ratio 1:4)						
		443.87	Cft	100	32,454.60	144,054.63	33,752.78
5	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :-						
	(a) with one coat bitumen and one coat polythene sheet 500gauge						
	ii) 2" thick (50 mm)						
		69.62	Cft	100	10,203.55	7,103.92	10,611.69
6	Pacca brick work in ground floor:-						
	Ratio 1:4	411.94	Cft	100	34,857.00	143,591.58	36,251.28
7	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)(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:-						
	(3) Type C (nominal mix 1: 2: 4)						
			Cft	1	456.95	456.95	475.23
8	(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)						
	Slab, Bottom, Lintels	271.48	Cft	1	566.35	153,755.19	589.00
9	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):-						
	(c) Deformed bars (Grade-60) Item no. 7						
		831.45	Kg.	100	31,945.90	265,614.75	33,223.74
	FLOOR						
10	Supplying and filling sand under floor, or plugging in wells.						
		299.25	Cft	100	2,862.00	8,564.54	2,976.48



11	Providing, laying, watering and ramming brick ballast 1 1/2" to 2" (40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects	43.69	Cft	100	10,256.50	4,501.58	10,666.76	4,681.64
12	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							
	(i) 600mmx 600 mm	133.00	Sft	1	360.40	47,933.20	374.82	49,850.53
13	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1.2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.							
	a) Full body Glazed tiles							
	(i) 600mmx 600 mm	638.50	Sft	1	360.40	230,115.40	374.82	239,320.02
14	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1.2) cement sand mortar bed , complete in all respect as approved and directed by the Engineer Incharge							
	i) 3/4" thick (12"x24"/12"x36")							
	Male side							
	FeMale side							
		26.37	Sft	1	1,508.45	39,770.28	1,568.79	41,361.10
15	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1.2) cement sand mortar bed , complete in all respect as approved and directed by the Engineer Incharge							
	(i) 1/2" thick							
	Male side & Female Side							
		30.63	Sft	1	1,193.45	36,788.10	1,241.19	38,259.62
16	Extra for Beveling charges of marble edge in approved design complete in all respects i/c the cost of Carborandum disc as approved and directed by the Engineer Incharge.							
	Steps nosing							
	Male side							
	FeMale side							
		34.15	Rft	1	27.90	952.79	29.02	990.90
	SURFACE RENDERING							
17	Cement Plaster 1:3 upto 20' height 1/2" Thick (inside & outside)	1,382.91	Sft	100	3,635.05	50,305.82	3,780.45	52,318.05
18	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height	13.22	Sft	100	3,960.25	523.53	4,118.66	544.47
19	Providing grooved cement sand plaster 1:3 over existing plastered and roughened surface upto 20' (6.00 m) height.							
	i) 1/2" (13 mm) thick	120.34	Sft	100	4,004.65	4,819.20	4,164.84	5,011.96
20	Distemping:-							
	a) new surface:- (3 coats)							
	3 Coats	264.95	Sft	100	1,446.35	3,832.10	1,504.20	3,985.39
21	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:							
	a) new surface:							
	1st Coat	633.41	Sft	100	3,651.00	23,125.80	3,797.04	24,050.83
	2nd coat	633.41	Sft	100	2,101.80	13,313.01	2,185.87	13,845.53
	2nd coat	633.41	Sft	100	2,101.80	13,313.01	2,185.87	13,845.53



22	Providing and fixing M.S. sheet hollow pressed frame of doors, windows, C. windows, etc. (chowkat only) of 20 SWG welded with M.S. flat 6"x 1 1/4" x 1/8" (150 mmx30mmx3mm) M.S. holdfast 9"x1 1/8" (225mmx25mmx3mm) welded/screwed 4" (100 mm) long iron hinges, including filling chowkat with cement sand mortar 1.0 and embedding holdfast in cement concrete 1.2.4, complete in all respects							
	a) single rebate							
	Doors							
		121.00	Sft	1	402.05	48,048.05	418.13	50,593.97
23	PF 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5 mm thick commercial ply over 1" thick packing wood in stile and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges and lacquer polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer in-charge							
	Doors							
		121.00	Sft	1	795.70	96,279.70	827.53	100,130.89
24	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x3/4"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge							
		16.00	Sft	1	1,336.55	21,384.80	1,390.01	22,240.19
	ROOF							
25	Providing and laying high density single profile spanish glazed tapered barrel type of 4"- 5-1/2" dia Terra Cotta Khapraill Tile dipped or sealed with a water repellent, with Terra Cotta base plate (10"x16"), resistant to salt attack laid with laps and duly interlocked on slopping roof over 1/2" thick (1:3) cement sand mortar i/c cost of all material and labour complete in all respect as approved and directed by the Engineer in-charge.							
		258.75	Sft	1	133.15	34,452.62	138.48	35,830.72
26	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawi, 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.							
	Lead upto							
	Pcc 1.4.8 :as per item No. 3							
	Pcc 1.2.4 :as per item No. 2							
	R.c.c 1.2.4 :as per item No. 7							
		430.42	CR	100	7,585.75	32,650.60	7,889.18	33,956.83
				Total		PKR 1,492,707		1,551,939.64



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A-9 Cafeteria				Estimated Cost		Al-Rafay Builders	
Sr No	DESCRIPTION	Qty	Unit	Rate	Amount (Rs)	Rate (PKR)	Amount (PKR)
1	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 i) in ordinary soil.						
	Total =	1,628.87	Cft	1,628.87	13,046.90	21,252	13,569.78
2	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):						
	(f) Ratio 1:2:4						
	Total =	362.55	Cft	362.55	37,614.70	136,373.32	39,119.29
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):						
	(i) Ratio 1:4:8						
	Total =	289.76	Cft	289.76	28,513.19	82,621	29,653.72
4	Pacca brick work in foundation and plinth in:-) Cement, sand mortar:-						
	Ratio 1:4)						
	Net Total =	882.97	Cft	882.97	32,454.60	286,563.57	33,752.78
5	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :-						
	(a) with one coat bitumen and one coat polythene sheet 500gauge						
	(i) 2" thick (50 mm)						
	Net Total =	154.64	Sft	154.64	10,203.55	15,779.02	10,611.69
6	Pacca brick work in ground floor:-						
	Ratio 1:4)						
	Net Total =	1,106.53	Cft	1,106.53	34,857.00	385,702.94	36,251.28
7	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)(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:-						
	(3) Type C (nominal mix 1:2:4)						
	Total =	583.17	Cft	583.17	456.95	266,479.30	475.23
8	(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 =	1,029.12	Cft	1,029.12	566.35	582,842.76	589.00
9	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):-						
	(c) Deformed bars (Grade-60						
	Qty as per item No. 7.00	4,937.82	Kg	4,937.82	31,945.90	1,577,431.97	33,223.74
	FLOOR						
10	Supplying and filling sand under floor; or plugging in wells.						
	Total =	807.01	Cft	807.01	2,862.00	23,096.68	2,976.48
11	Good earth/soil for planters						
	In planters	1.00	91.08	area	3.00	273.24	Cft
	Total =	463.14	Cft	463.14	1,016.40	4,707.35	1,057.06
12	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).						
	In planters	1.00	91.08	area		91.08	Sft
	Total =	154.38	Sft	154.38	1,848.00	2,852.94	1,921.92
13	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 =	154.87	Cft	154.87	10,256.50	15,884.55	10,666.76



14	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 1/2" the cost of sealer for finishing the joints 1/2" cutting grinding complete in all respect as approved and directed by the Engineer Incharge											
	a) Full body Glazed tiles											
	(i) 600mmx 600 mm											
	Total =	469.31	Sft	469.31	Sft	1	360.40	169,140.04	374.62	173,906		
15	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster 1/2" the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.											
	a) Full body Glazed tiles											
	(i) 600mmx 600 mm											
	Total =	410.39	Sft	410.39	Sft	1	360.40	147,904.56	374.62	153,821		
16	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortar bed , complete in all respect as approved and directed by the Engineer Incharge											
	i) 3/4" thick (12"x24"/12"x36")											
	Total =	124.91	Sft	124.91	Sft	1	1,508.45	188,426.52	1,568.79	195,964		
17	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortar bed , complete in all respect as approved and directed by the Engineer Incharge											
	(i) 1/2" thick											
	Total =	157.73	Sft	157.73	Sft	1	1,193.45	188,239.88	1,241.19	195,769		
18	Extra for Beveling charges of marble edge in approved design complete in all respects 1/2" the cost of Carborandum disc as approved and directed by the Engineer Incharge.											
	nosing											
	Total =	68.34	Rft	68.34	Rft	1	27.90	1,906.69	29.02	1,983		
	SURFACE RENDERING											
19	Cement Plaster 1:3 upto 20' height 1/2" Thick (in side)											
	Net Total =	1,737.77	Sft	1,737.77	Sft	100	3,635.05	63,168.81	3,780.45	65,696		
20	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height											
	Net Total =	1,013.32	Sft	1,013.32	Sft	100	3,960.25	40,129.82	4,118.66	41,735		
21	Providing grooved cement sand plaster 1:3 over existing plastered and roughened surface upto 20' (6.00 m) height.											
	i) 1/2" (13 mm) thick											
	Net Total =	652.90	Sft	652.90	Sft	100	4,004.65	26,146.36	4,164.64	27,192		
22	Distemping:-											
	a) new surface:-											
	3 Coats											
	Net Total =	2,389.08	Sft	2,389.08	Sft	100	1,446.35	34,554.39	1,504.20	35,937		
23	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:											
	a) new surface:											
	1st Coat	1,060.91	Sft	1,060.91	Sft	100	3,651.00	38,733.75	3,797.04	40,283		
	2nd coat	1,060.91	Sft	1,060.91	Sft	100	2,101.80	22,298.16	2,185.67	23,190		
	3rd coat	1,060.91	Sft	1,060.91	Sft	100	2,101.80	22,298.16	2,185.67	23,190		
24	Providing and fixing M.S. sheet hollow pressed frame of doors, windows, C. windows, etc. (chowkat only) of 20 SWG welded with M.S. flat 6"x 1 1/2" x 1/8" (150 mmx30mmx3mm) M.S. holdfast 9"x1 1/8" (225mmx25mmx3mm) welded/screwed 4" (100 mm) long iron hinges, including filling chowkat with cement sand mortar 1:8 and embedding holdfast in cement concrete 1:2:4, complete in all respects:											
	a) single rebate											
	Total =	129.50	Sft	129.50	Sft	1	402.05	52,065.48	418.13	54,148		
25	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves , compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure 1/2" the cost of nails, tower bolt , handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.											
	Total =	129.50	Sft	129.50	Sft	1	795.70	103,043.15	827.53	107,165		
26	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x3/4"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge											
	Total =	184.30	Sft	184.30	Sft	1.00	1,336.55	246,326.17	1,390.01	258,179		
	ROOF											
27	Providing and laying high density single profile spanish glazed tapered barrel type of 4"- 5-1/2" dia Terra Cotta Khapraail Tile dipped or sealed with a water repellent, with Terra Cotta base plate (10"x16"), resistant to salt attack laid with laps and duly interlocked on slopping roof over 1/2" thick (1:3) cement sand mortar 1/2" the cost of all material and labour complete in all respect as approved and directed by the Engineer Incharge.											



	Total =		622.05	Sft	622.05	Sft	1	133.15	82,825.66	138.48	86,129.	
28	Providing and fixing moulded cornice as per drawing (Cornice at upper & lower roof)											
			171.17	Rft	171.17	Rft	1	500.00	85,583.33	520	89,557.	
29	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											
	Lead upto	135.00	from Margalla Hills quarry									
	Pcc 1:4:8 as per item No	3.00	=	289.76	x	0.95	=	274.61	Cft			
	Pcc 1:2:4 as per item No	2.00	=	362.55	x	0.88	=	319.05	Cft			
	R c c 1:2:4 as per item No	7.00	=	583.17	x	0.88	=	513.19	Cft			
	R c c 1:2:4 as per item No	8.00	=	1,029.12	x	0.88	=	905.63	Cft			
	Total =		2,012.47	Cft	2,012.47	Cft	100	7,585.75	152,660.99	7,889.18	159,757.	
								Total	PKR 5,067,039		5,269,721	



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY
FINANCIAL EVALUATION

A-10 Guard Room										Estimated Cost		Al Rafay Builders			
Sr No	DESCRIPTION						Qty	Unit	Rate	Amount	Rate (PKR)	Amount (PKR)			
1	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 in ordinary soil														
	Total =						242.16	Cft	242.16	Cft	1000	13,046.90	3,159.00	13,568.78	3,285.76
2	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate)														
	(f) Ratio 1:2:4														
	Total =						-	Cft	-	Cft	100	37,614.70	-	39,119.29	-
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):														
	(j) Ratio 1:4:8 9" wall														
	Total =						33.75	Cft	33.75	Cft	100	28,513.19	9,623.00	29,653.72	10,608.13
4	Pacca brick work in foundation and plinth In:-) Cement, sand mortar:-														
	Ratio 1:4) 9" wall														
	1st step														
	Net Total =						88.59	Cft	88.59	Cft	100	32,454.60	28,752.75	33,752.78	29,902.85
5	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :-														
	(a) with one coat bitumen and one coat polythene sheet 500gauge														
	i) 2" thick (50 mm) 9" wall														
	Net Total =						21.94	Sft	21.94	Cft	100	10,203.55	2,238.40	10,611.69	2,327.94
6	Pacca brick work in ground floor:-														
	Ratio 1:4) 9" wall														
	Net Total =						156.09	Cft	156.09	Cft	100	34,857.00	54,409.60	36,251.28	50,585.98
7	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)(ii) 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:-														
	(3) Type C (nominal mix 1:2:4)														
	Columns Base	1	1.00	2.00	2.00	0.75	=	3.00	Cft						
	Total =						3.00	Cft	3.00	Cft	1	456.95	1,370.85	475.23	1,425.68
8	(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 =						39.44	Cft	39.44	Cft	1	566.35	22,335.43	589.00	23,228.85
9	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):-														
	(c) Deformed bars (Grade-60)														
	Total =						129.97	Kg	129.97	Kg	100	31,945.90	41,519.98	33,223.74	43,180.78
FLOOR															
10	Supplying and filling sand under floor; or plugging in wells.														
	Total =						17.50	Cft	17.50	Cft	100	2,862.00	500.85	2,976.48	520.88
11	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 =						11.55	Cft	11.55	Cft	100	10,256.50	1,184.63	10,668.76	1,232.01
12	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 ¾" 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														
	(i) 600mmx 600 mm														
	Total =						35.00	Sft	35.00	Sft	1	360.40	12,614.00	374.82	13,118.56
13	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.														
	a) Full body Glazed tiles														
	(i) 600mmx 600 mm														
	Total =						10.88	Sft	10.88	Sft	1	360.40	3,919.35	374.82	4,078.12



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY

FINANCIAL EVALUATION

2) ELECTRICAL WORKS				Estimated Cost		Al-Rafay Builders	
B-1 EXTERNAL LIGHTING							
Item No.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)	Rate (PKR)	Amount (PKR)
SUB HEAD 1: POLES & ACCESSORIES							
1	Supply & installation of 12 m high octagonal (hot dip) galvanized steel pole with circular ring type top 4 Nos. luminaire arrangement, base plate, J-rag bolts, etc.	Each	3	168,000	504,000	174,720	524,160
2	Supplying, installation testing, and commissioning of a 10-meter 4-arm Octagonal shape electric street light pole, 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 box with shutter, l/c the cost of nuts & J-rag bolts, duly fixed in pre-laid the concrete foundation, the foundation will be paid additionally as approved and directed by the Engineer Incharge.	Each	12	87,600	1,051,200	91,104	1,093,248
3	Supply, installation, testing, and commissioning of MCB for Pole connection plate for luminaire for switching. 6 Amp (6 KA)	Each	60	1,184.45	71,067	1,231.83	73,909.68
SUB HEAD 2: LUMINAIRES							
4	Supply & Installation of LED Luminaries Floodlights of (Make Phillips), (Make Thom) (Make GE) or approved equivalent fully IP 65 with corrosion-resistant die-cast aluminum housing, silicon gas kit, thermally hardened 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 replacements for maintenance purposes. The contractor is to submit lighting design calculations to determine the adequacy of the wattage and should adjust the number of LEDs/wattage as per project lighting requirements.						
	200 Watts	Each	12	108,240.00	1,298,880.00	112,569.60	1,350,835.20
5	Supplying, installation and commissioning of LED Cobra-head Luminaries of specified wattage and lumens conforming to IP66 & IK08 or above Phillips / Osram / Thom or equivalent with corrosion resistant die casted Aluminum housing, silicon gas ketin special groove,UV stable & scratch resistant synthetic materials, thermally hardened glass complete with LED Chip (Phillips Lumiled / Cree / Nichia / Osrammake or equivalent) , programmable LED driver (Harvard / TCI / Lumotech / Phillips / VOSSLOH Schwabe /Lightech make or equivalent), minimum 10 kV surge protection rating l/c the cost of all accessories / components required for proper operation ,fully flexible forfuture upgradation and easy replacements for maintenance purposes ,bucket elevator charges as approved and directed by the Engineer Incharge. a) 140 Lm/Watt. (v) 120 Watt with 16800 Lumens	Each	48	60,061.10	2,882,932.80	62,463.54	2,998,250.11



SUB HEAD 3: POWER CABLES & CONDUITS							
6	Supply and erection of copper conductor cables for service connection, in pre-laid pipe/G.I wire/trenches, etc. (rate for cable only):- c)PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable:- vi) 10 mm (7/0.052")	Rft	4242	525.75	2,230,231.50	546.78	2,319,440.76
7	Supply and erection of copper conductor cables for service connection, in pre-laid pipe/G.I wire/trenches, etc. (rate for cable only):- a) PVC insulated, PVC sheathed twin-core, 250/440 volts. iii) 7/0.74 mm (7/0.029")	Rft	2584	93.90	242,842.30	97.66	252,247.99
8	Supply and erection of copper conductor cables for service connection, in pre-laid pipe/G.I wire/trenches, etc. (rate for cable only):- c)PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable:- viii) 25 mm (19/0.052")	Rft	100	1,301.65	130,165.00	1,353.72	135,371.60
9	Supply and erection of PVC pipe for surface wiring (main and sub-main) including clamps, inspection boxes, pull boxes bends etc., complete with all specials:- iii) 100 mm i/d	Rft	4,182	285.05	1,192,079.10	296.45	1,239,762.28
SUB HEAD 4: LIGHTING CONTROL PANEL							
10	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Neutral & 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 i) 20-60A	P.Cft	3.75	19,686.70	73,825.13	20,474.17	76,778.13
Incomming					-		
11	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 Incharge. a) Tripple Pole (i) 63 Amp (7.5 KA)	Each	1	12,036.95	12,036.95	12,518.43	12,518.43
12	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	1	21,756.95	21,756.95	22,627.23	22,627.23
13	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	1	1,266.95	1,266.95	1,317.63	1,317.63



14	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	1	1,956.95	1,956.95	2,035.23	2,035.23
15	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	1	480.80	480.80	500.03	500.03
16	Photo Electric Switch Type (10 Amp)	Each	1	13,200.00	13,200.00	13,728.00	13,728.00
Outgoing					-		
17	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 screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.	Each			-		
17a	Tripple Pole 6 KA (4+2(spare))	Each	6	7,236.95	43,421.70	7,526.43	45,158.57
SUB HEAD 5: MAIN DB-ALTAF PARK					-		
18	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	P.Cft	5	14,499.95	72,499.75	15,079.95	75,399.74
Incomming					-		
19	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.				-		
	Tripple Pole 125 Amp (18 KA)	Each	1	25,356.95	25,356.95	26,371.23	26,371.23
Outgoing					-		
20	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.				-		
20a	Tripple Pole (Lighting Control Panel) 100 Amp (10 KA)	Each	1	12,276.95	12,276.95	12,768.03	12,768.03
20b	Tripple Pole (Cafeteria) 63 Amp (10 KA)	Each	1	12,276.95	12,276.95	12,768.03	12,768.03
20c	Tripple Pole (Bathroom) 20 Amp (10 KA)	Each	1	12,276.95	12,276.95	12,768.03	12,768.03
20e	Tripple Pole (Open Museum+Spare) 40 Amp (7.5 KA)	Each	2	12,036.95	24,073.90	12,518.43	25,036.86



SUB HEAD 6: EARTHING					-		
21	Earthing of iron-clad/aluminum switches, etc. with G.I. wire No 8 SWG in G.I. pipe 15 mm (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.	Job	17	10,198.95	173,382.15	10,606.91	180,317.44
TOTAL (Rs.)					10,103,286.72		10,507,418.19



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAFA PARK IN JHELUM CITY

FINANCIAL EVALUATION

B-2 BATH ROOM (ELECTRICAL WORK)				Estimated Cost		Al-Rafay Builders	
ITEM No.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)	Rate (PKR)	Amount (PKR)
1	Supply and erection of PVC pipe for wiring recessed in walls, floors, roofs including inspection boxes, pull boxes, hooks, cutting jhamries, and repairing surface, etc., complete with all specials. Make Beta, Dadex or equivalent						
	i) 25 mm	P.Rft	272	101.60	27,605	105.66	28,708.91
2	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaidd 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 equivalent						
	i) 3/0.029"	P.Rft	314	27.10	8,509	28.18	8,849.78
	iii) 7/0.029"	P.Rft	180	43.30	7,794	45.03	8,105.76
3	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	426.24	1,278.73
4	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	3,078	1,067.04	3,201.12
5	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	No.	4	3,380.85	13,523	3,516.08	14,064.34
6	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, Thom, Osram or equivalent	No.	8	11,940	95,520	12,417.60	99,340.80



7	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, Thom, Osram or equivalent	No.	16	11,160	178,560	11,606.40	185,702.40
8	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, Thom or equivalent as per the..direction of the Consultant/ Engineer	No.	2	2,400	4,800	2,496	4,992
TOTAL (Rs.)					340,619		364,243.83



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY

FINANCIAL EVALUATION

B-3 CAFETERIA(Electrical Work)				Estimated Cost		Al-Rafay Builders	
Item No.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)	Rate (PKR)	Amount (PKR)
1	Supply and erection of PVC pipe for wiring recessed in walls, floors, roofs including inspection boxes, pull boxes, hooks, cutting jhamries, and repairing surface, etc., complete with all specials. Make Beta, Dadex or equivalent						
	i) 25 mm	P.Rft	1639	101.60	166,522	105.66	173,183.30
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 equivalent						
	j) 3/0.029"	P.Rft	1160	27.10	31,436	28.18	32,693.44
	iii) 7/0.029"	P.Rft	1100	43.30	47,630	45.03	49,535.20
3	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- p) 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	251	90,361.44
4	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	426.24	6,819.90
5	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	225	78.00	234
6	Supply and erection of ceiling rose, Bakelite.	No.	3	75.10	225	78.10	234.31
7	Supply and fitting of regulator knob with shaft and plat of electric fan regulator.	No.	3	237.90	714	247.42	742.25
8	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	No.	10	818.40	8,184	851.14	8,511.36
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.	7	1,026.00	7,182	1,067.04	7,469.28



10	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	No.	2	3,380.85	6,762	3,516.08	7,032.17
11	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")	P.Cft	1.5	19,686.70	29,530	20,474.17	30,711.25
	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%) <u>16Amps (25KA)</u>	No.	1	28,956.95	28,957	30,115.23	30,115.23
	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> <u>size 1½"x1/8" (40 x 3 mm)</u>	No.	1	5,364.10	5,364	5,578.66	5,578.66
	Outgoing Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMANY/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. <u>MCB SP 6A 6KA (1 No. Spare)</u>	No.	9	1,184.45	10,660	1,231.83	11,086.45



	MCB SP 10A 6KA (1 No. Spare)	No.	2	1,184.45	2,369	1,231.83	2,463.66
12	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.	Job	1	10,198.95	10,199	10,606.91	10,606.91
13	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	No.	3	505.70	1,517	525.93	1,577.78
14	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	8,729.76	26,189.28
15	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	7,200	7,488	7,488
16	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, Thom, Osram or equivalent	No.	27	11,940	322,380	12,417.60	335,275.20
17	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, Thom, Osram or equivalent	No.	19	11,160	212,040	11,606.40	220,521.60
18	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, Thom or equivalent as per the direction of the Consultant/ Engineer	No.	2	2,400	4,800	2,496	4,992
TOTAL (Rs.)					1,022,522		1,063,422.67



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY
FINANCIAL EVALUATION

WATER SUPPLY AND SEWERAGE WORKS				Estimated Cost		Al-Rafay Builders	
(Sewerage Works)							
Item No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)	Al-Rafay Builders	
						Rate (PKR)	Amount (PKR)
	Sewerage Network (Cafeteria, male & female Toilet, female lounge)						
	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:						
1	a) 0' to 7.0' (0 to 2.10m) depth	1000Cft	30,352	12,836.55	389,614.97	13350.012	405,199.56
2	Rehandling of earthwork: b) Upto a lead of 50 ft. (15 m).	1000Cft	24,281.80	3,880.80	94,232.03	4036.032	98,001.31
3	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with 'B' Class working pressure pipe, in trenches, complete in all respects:-						
	d) 6" i/d (150 mm)	Rft	3769.00	768.85	2,897,795.65	799.604	3,013,707.48
	b) 4" i/d (100 mm)						
	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	25	553.85	13,846.25	576.004	14,400.10
	Septic tank 12x4x4	Each	2	191,648.87	383,297.74	199314.8248	398,629.65
	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	6	6,563.40	39,380.40	6825.936	40,955.62
	(iii) Double Bib Cock	Each	7	1,763.40	12,343.80	1833.936	12,837.55
	(v) Muslim shower	Each	7	2,243.40	15,703.80	2333.136	16,331.95
	(vi) Waste Coupling	Each	6	623.40	3,740.40	648.336	3,890.02
	(vii) Bottle Trap	Each	6	1,343.40	8,060.40	1397.136	8,382.82
	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. i) white	Each	2	2,461.80	4,923.60	2560.272	5,120.54



8	Providing, fixing, testing and commissioning of u-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	1,082.40	2,164.80	1125.696	2,251.39
9	Providing and fitting one piece European 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	35,817.00	179,085	37249.68	186,248.40
10	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	6,793.90	40,763.40	7065.656	42,393.94
11	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	Each	2	7,747.40	15,494.80	8057.296	16,114.59
TOTAL					4,100,447.04		4,264,464.92



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY
FINANCIAL EVALUATION

Water Supply Works		Estimated Cost				Al-Rafay Builders		
		Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)	Rate (PKR)	Amount (PKR)
Water Supply Network (Cafeteria, male & female Toilet, female lounge)								
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	203,384.00	8,321.30	1,692,419.28	8,654.15	1,760,116.05
Supplying and filling sand under floor, or plugging in wells. (in trenches under pipes)		Cft	100	134233.44	2,862	3,841,761.05	2,976.48	3,995,431.49
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								
(iv) (1-1/4") 40 mm		Rft		62	130.15	8,069.30	135.36	8,392.07
(iii) (1") 32 mm		Rft		45	94.40	4,248	98.18	4,417.92
(ii) (3/4") 25 mm		Rft		175	58.60	10,255	60.94	10,665.20
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)								
c) 2½" i/d (65 mm)		Rft		1,188	1,000	1,188,000	1,040	1,235,520
Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working pressure pipe, Beta/ Dadex/ Popular/ IIL or equivalent, in trenches, as approved & directed by the engineer incharge, complete in all respects.		Rft						
b) PN-8 (SDR-21) 7) 90 mm		Rft		14,188	197.30	2,799,292.40	205.19	2,911,264.10
b) PN-8 (SDR-21) 5) 63 mm		Rft		10,047	98.60	990,634.20	102.54	1,030,259.57
Providing and installing sluice (gate) valve of B.S 3464 quality as per drawing (including cost of jointing material).								
a) 3" i/d (75 mm)		Each		33	18,204.95	600,763.35	18,933.15	624,793.88



MUNICIPAL COMMITTEE JHELUM
CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY

FINANCIAL EVALUATION

Environmental and Social Management Plan			Estimated Cost		AI-Rafay Builders	
Item No.	Item	Qty	Rate (Rs.)	Amount (Rs.)	Rate (PKR)	Amount (PKR)
A PPEs						
1	Face Masks (3 PLY) - box	30	300	9,000	312	9,360
2	Safety Hard Helmets	15	3,000	45,000	3,120	46,800
3	Safety Shoes	15	3,000	45,000	3,120	46,800
4	Hand Gloves	15	1,000	15,000	1,040	15,600
5	Ear Plugs	15	500	7,500	520	7,800
6	Reflective Safety Vest	15	1,000	15,000	1,040	15,600
7	Safety Goggles	15	500	7,500	520	7,800
B Community Health and Safety						
1	First Aid Box Complete	1	10,000	10,000	10,400	10,400
2	Infrared Thermometer (Benetech GM-2200 or equivalent)	1	40,000	40,000	41,600	41,600
3	Safety Signs	5	15,000	75,000	15,600	78,000
4	Safety Cones	10	1,000	10,000	1,040	10,400
5	Safety Tapes	20	1,500	30,000	1,560	31,200
6	Emergency Portable Lights	2	3,000	6,000	3,120	6,240
7	Fire Fighting Equipment Purchase and refilling	1	10,000	10,000	10,400	10,400
8	Pole Hanging Waste Bins	1	12,000	12,000	12,480	12,480
9	Labor Campsite Management	LS		100,000		104,000
10	Social and Behavior Change Campaign	LS		100,000		104,000
C Environment Quality Testing						
1	Ambient Air Quality-during and after construction	2	85,000	170,000	88,400.00	176,800
2	Noise Quality-one sample during & after construction	2	1,000	2,000	1,040.00	2,080
3	Water Quality-one sample during & after construction	2	22,000	44,000	22,880.00	45,760
Total (PKR)-A+B+C+D				853,000		887,120





OFFICE OF THE MUNICIPAL COMMITTEE, JHELUM

LG No.1320

Municipalcommitteejhelum@gmail.com

TENDER NOTICE

FOR

CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY

Municipal Committee, Jhelum (MC Jhelum) (hereinafter referred to as the "client"), invites the sealed bids from Contractors / Firms / Manufacturer / Authorized dealers having valid License from PEC in category C4 & Above with relevant code CE-10 registered with FBR & PRA (NTN and PNTN) concerning **CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY.**

2. The bidding documents are available immediately after publication (2014 Punjab Procurement Rule 25(1)) at the office of **Municipal Officer (I&S), Municipal Committee Jhelum** and a complete set of Bidding Documents can be obtained on submission of written application along with deposited slip of Bank of Punjab in the favour of Municipal Committee Jhelum for Rs.10,000/- (non-refundable fee). Bidding documents shall be issued to owner of the firm by showing original CNIC and / or to Authorized representative of firm having authority letter with specimen signature of representative of firm along with original CNIC.

3. **Single stage two envelopes** bidding procedure will be adopted. The Bids (**Technical & Financial**) prepared in accordance with the instructions given in the Bidding Documents must be accompanied by a Bid Security 2% of estimated cost in shape of CDR / Bank Guarantee from any Scheduled Bank in Pakistan, for an amount of Rs. 1,769,723/- in the name of the Chief Officer, Municipal Committee Jhelum. Last date for purchase of bidding documents is 06-07-2023. The Bids (**Technical & Financial**) must be delivered in the office of Chief Officer, Municipal Committee Jhelum on 07-07-2023 at 11:00 A.M. The Technical bids will be opened on the same day at 11:30 A.M in presence of the bidder / bidder's representatives who choose to present.

4. Only technically responsive bidder(s) will be qualified for opening of financial bid(s). Financial bid(s) of bidder(s) found technically nonresponsive shall be returned unopened to the bidder(s).

5. The procuring Authority may reject all bids or proposals at any time prior to the acceptance of a bid or proposal under Punjab Procurement Rules 2014 (Rule-35).

6. Conditional tender will not be accepted.

7. Tendered rates and amount should be filled in figures as well as in words and tenders should be signed as per general directions given in the tender documents.

8. In case the total tendered amount is equal to or less than 5% of the approved estimated (DNIT) amount, the lowest bidder will have to deposit quality assurance security equal to the amount difference between approved DNIT amount and the quoted bid amount from the Scheduled Bank within 15 days of issuance of notice or within expiry period of bid, whichever is earlier.

9. The bids will be valid for 90 days.

10. In case, the last date of bid submission falls in / within the official holiday(s), the last date for submission of the bids shall be the next working day.

11. Estimated cost is Rs. 88,486,150.

**Chief Officer
Municipal Committee
Jhelum**

**Administrator
Municipal Committee
Jhelum**

MUNICIPAL COMMITTEE JHELUM CITY
CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY
Technical Evaluation – Summary

A. Overall Eligibility Criteria

Category	Description	Requirement	Bidder's Name	
			M/S Al-Raffay Builders	Aims Constructions
Legal	Duly licensed by the Pakistan Engineering Council (PEC) in the category C4 & Above with relevant code CE-10. In case of Joint Venture, the Lead partner must be registered in the category C4 & Above with the relevant code and the other member/s should at least have registration from PEC. No foreign Firm(s) is allowed to participate whether as Single entity or Lead member of JV.	Mandatory	✓	✓
	The bidder shall not have conflict of interest in the instant work. All the bidders found to have conflict of interest shall be considered as non-responsive.	Mandatory	✓	X
	Valid legal entity of the bidder / firm/ company e.g. Certificate of registration from SECP or registrar of firms etc.	Mandatory	✓	✓
	Certificate of registration with active Income Tax & active Sales Tax under Relevant Authority.	Mandatory	✓	✓
	Affidavit on Non-Judicial Stamp paper for No litigation OR submission of Litigation History of last 10 years.	Mandatory	✓	✓
	Affidavit declaring "Neither the firms nor its Directors, Stakeholders, as a whole or as a part of the firm have ever been black listed/ defaulted by any government agency / department / organization / Donors or settled dispute in plea bargain or Volunteer recovery".	Mandatory	✓	✓
	Bid Properly signed	Mandatory	✓	X
	Bid Security	Mandatory	✓	✓
	Signed Integrity Pact	Mandatory	✓	✓
	Bid Responsiveness			Responsive



Overall Technical Evaluation Result

Sr. No.	Category	Total Marks	Bidder's Name	
			M/S Al-Raftay Builders	
1	Financial Soundness	30	30	
2	General & Relevant Experience	45	45	
3	Personnel Capabilities	15	14	
4	Equipment Capabilities	10	5.5	
TOTAL OBTAINED MARKS		100	94.5	
STATUS			PASS	

Note: The applicants must score total 65 marks and at least 50 % marks in each category, to qualify.



MUNICIPAL COMMITTEE JHELUM CITY
CONSTRUCTION/REHABILITATION OF ALTAF PARK IN JHELUM CITY

Technical Evaluation



Team Leader

M/s MMP

Municipal Officer(I&S)/Secretary

MC Jhelum

Municipal Officer
(Finance)/Member

MC Jhelum

Assistant Engineer/Member
LG & CD Jhelum

Rep. of Deputy Commissioner/Member
Jhelum

Chief Officer/Convener
MC Jhelum

Administrator
MC Jhelum