

KERALA CRICKET ASSOCIATION

Construction of Main Gate and Associated works at SDV College, Alappuzha

TENDER SCHEDULE

Item No	Quantity	Unit	Details of work	Rate in figures	Unit	Rate in words	Amount
			PART A-Construction of Gate Structure				
A.1	12.00	m3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.		/m3		
A.2	40.00	m2	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.		/m2		
A.3	37.00	m3	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil- (Foundations and vertical cuts)		/m3		
A.4	26.00	m3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		/m3		
A.5	11.00	m3	Carriage of materials- By Mechanical Transport including loading,unloading and stacking- Earth- Upto 3KM		/m3		
A.6	5.00	m3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)		/m3		
A.7	70.00	m2	Centering and shuttering including strutting, propping etc. and removal of form work for Foundations, footings, bases for columns		/m2		
A.8	9.50	m3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)		/m3		
A.9	6.00	m3	Providing and laying cement concrete in retaining walls, return walls,walls (any thickness) including attached pilasters,columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)		/m3		

Item No	Quantity	Unit	Details of work	Rate in figures	Unit	Rate in words	Amount
A.10	1770.00	kg	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo-Mechanically Treated bars of grade Fe-500D or more		/kg		
A.11	36.00	m3	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 (1 cement :6 coarse sand) etc		/m3		
A.12	165.00	m2	Finishing walls with Acrylic Smooth exterior paint of required shade: New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)		/m2		
A.13	220.00	m2	Stone tile work for wall lining upto 10 m height with special adhesive over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including pointing in white cement with an admixture of pigment to match the stone shade.Granite stone of any colour and shade		/m2		
A.14	1050.00	kg	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved epoxy primer, painting with two coats of epoxy paint including welding and bolted with special shaped washers etc. complete. (Hot finished welded type tubes)		/kg		
A.15	205.00	m2	15 mm cement plaster on rough side of single or half brick wall of mix: 1:4 (1 cement: 4 coarse sand)		/m2		
A.16	210.00	m2	Applying one coat of water thinnable Cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer (outside +Inside)		/m2		
A.17	1.00	Item	Supply and installation of signage boards- SDV Multi Sports hub with SD College logo and SDV Multi Sports hub with KCA logo		/Item		
A.18	10.00	m2	Providing and fixing of Premium Anti Skid Vitrified Tiles for floors, size and shade as specified by the Architect, joints by putting spacer, filling joints with first quality epoxy and cleaning neatly to perfection, rate including material cost, transportation charges, charges of laying and finishing to the required level/ slope of the floor etc. complete. as per the directions of Architect. (Basic rate of tile should be of Rs.100/sq.ft at show room and rate up to floor 3 level)		/m2		
A.19	19.00	m3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)		/m3		

Item No	Quantity	Unit	Details of work	Rate in figures	Unit	Rate in words	Amount
A.20	2.64	m2	Providing and fixing premium quality doors and door frame with UPVC casement type including cost of all materials, labour charges for fixing, cost of all fitting etc. complete as per the direction of Architect		/m2		
A.21	4.50	m2	Providing and fixing windows and ventilators with UPVC casement type including cost of all materials like sufficient thickness toughen glass with fittings, labour charges for fixing, cost of all fitting etc. complete as per the direction of Architect		/m2		
A.22	85.00	m2	Providing and laying 80mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.		/m2		
A.23	3.50	m3	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5 mm), including making drainage opening wherever required complete etc. as per direction of Engineer in- charge (length of finished kerb edging shall be measured to calculate volume for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).		/m3		
			TOTAL : Part A -Construction of Gate Structure				
			Part B -Demolision of damaged compound wall and its reconstruction				
B.1	108.00	m3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.		/m3		
B.2	360.00	m2	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.		/m2		
B.3	24.00	m3	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil- (Foundations and vertical cuts)		/m3		
B.4	20.00	m3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.		/m3		

Item No	Quantity	Unit	Details of work	Rate in figures	Unit	Rate in words	Amount
B.5	132.00	m3	Carriage of materials- By Mechanical Transport including loading,unloading and stacking- Earth- Upto 3KM		/m3		
B.6	80.00	m2	Centering and shuttering including strutting, propping etc. and removal of form work for Foundations, footings, bases for columns		/m2		
B.7	14.00	m3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:1½:3 (1 Cement: ½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)		/m3		
B.8	1150.00	kg	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo-Mechanically Treated bars of grade Fe-500D or more		/kg		
B.9	121.00	m3	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 (1 cement :6 coarse sand) etc		/m3		
B.10	1580.00	m2	Finishing walls with Acrylic Smooth exterior paint of required shade: New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)		/m2		
B.11	40.00	m3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)		/m3		
B.12	1580.00	m2	15 mm cement plaster on rough side of single or half brick wall of mix: 1:4 (1 cement: 4 coarse sand)		/m2		
B.13	1580.00	m2	Applying one coat of water thinnable Cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer (outside +Inside)		/m2		
			TOTAL : Part B -Demolision of damaged compound wall and its reconstruction				

Item No	Quantity	Unit	Details of work	Rate in figures	Unit	Rate in words	Amount
			C. Installation of protection nets and fence adjacent to the existing buildings				
C.1	520.00	m2	Providing and fixing 40 mm square pattern 3.mm braided HDPE nets tying with 3 mm toins, fixing in GI Builtup frames already fixed including GI supports with Angle section supported from the building top as per the instruction of site incharge and including accessories such as 3.5mm GI rope, clamp, cost of all other materials, labour charges etc. complete.		/m2		
C.2	1200.00	m2	Providing and fixing 40 mm square pattern 3.mm braided HDPE nets tying with 3 mm toins, fixing in GI Builtup frames already fixed including accessories such as 3.5mm GI rope at top and bottom, clamp, cost of all other materials, labour charges etc. complete.		/m2		
C.3	4330.00	kg	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved epoxy primer, painting with two coats of epoxy paint including welding and bolted with special shaped washers etc. complete. (Hot finished welded type tubes)		/kg		
C.4	51.00	m2	Centering and shuttering including strutting, propping etc. and removal of form for all heights -Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.		/m2		
C.5	2.00	m3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)		/m3		
C.6	10.00	m3	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)		/m3		
C.7	1900.00	kg	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo-Mechanically Treated bars of grade Fe-500D or more		/kg		
			TOTAL : Part C- Installation of protection nets and fence adjacent to the existing buildings				

Item No	Quantity	Unit	Details of work	Rate in figures	Unit	Rate in words	Amount
			D. Runup area leveling and turf installation to twin cricket practice pitches				
D.1	90.00	m3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 200 m and lift upto 1.5 m.		/m3		
D.2	130.00	m2	Supply and installation of Astrotruf 9mm to existing concrete pitches using adhesive glue (Fevicol- SR 998) including labour charges and all accessories		/m2		
			TOTAL : Part D- Runup area leveling and turf installation to twin cricket practice pitches				
			E. Supply and installation of high density protective padding/ cushioning to exposed GI structural Members within outdoor basketball and futsal courts.				
E.1	1.00	Item	Providing and fixing impact-resistant safety padding (30 to 40 mm thick high-density foam with PVC/vinyl outer cover) to all exposed GI columns and structural members inside basketball and futsal courts to prevent player injury, including cutting, wrapping, anchoring, and finishing, complete in all respects		/Item		
			TOTAL : Part E-Supply and installation of high density protective padding/ cushioning to exposed GI structural Members within outdoor basketball and futsal courts.				
			F. Supply and Installation of Rolling Shutters for Electrical Room				
F.1	1.00	Item	Supply, fabrication, and installation of rolling shutters for the Electrical Room, complete with all necessary fittings, fixtures, guide channels, locking arrangements, and accessories, strictly as per the size and technical specifications provided by the Engineer-in-Charge, including all labour, materials, tools, and incidental charges required for complete installation.		/Item		
			TOTAL : Part F-Supply and Installation of Rolling Shutters for Electrical Room				

Item No	Quantity	Unit	Details of work	Rate in figures	Unit	Rate in words	Amount
---------	----------	------	-----------------	-----------------	------	---------------	--------

Overview	Amount
TOTAL : Part A -Construction of Gate Structure	
TOTAL : Part B -Demolision of damaged compound wall and its reconstruction	
TOTAL : Part C- Installation of protection nets and fence adjacent to the existing buildings	
TOTAL : Part D- Runup area leveling and turf installation to twin cricket practice pitches	
TOTAL : Part E-Supply and installation of high density protective padding/ cushioning to exposed GI structural Members within outdoor basketball and futsal courts.	
TOTAL : Part F-Supply and Installation of Rolling Shutters for Electrical Room	
TOTAL	
GST	
TOTAL (incl GST)	

Rupees in words :

Place:

Date:

Sign & Seal of Contractor :

Name & Address of Contractor: