

KERALA CRICKET ASSOCIATION
Integrated Cricket Infrastructure Development Project at KCA Ground, Akathethara, Palakkad - Phase I - Land Development Works

ABSTRACT OF ESTIMATE

Part I	Site Clearing & Preliminary Works	
Part II	Land Development Works	
Part III	Retaining wall Works	
	TOTAL	
	GST	
	Add for rounding	
	TOTAL (Incl GST)	

Rupees (in Words):

Place :

Sign & Seal of Contractor :

Date :

Name & Address of Contractor :

KERALA CRICKET ASSOCIATION

Integrated Cricket Infrastructure Development Project at KCA Ground, Akathethara, Palakkad - Phase I - Land Development Works

Tender Schedule

Sl No	Qty	Unit	Item Description	Rate (in Figures)	Unit	Rate (in Words)	Amount
			Part I : Site Clearing & Preliminary Works				
1	5.00	Hect	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, up to a lead of 1000 metres including removal and disposal of top organic soil not exceeding 150 mm in thickness. In area of light jungle - By Mechanical Means		/Hect		
2	20.00	No	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pit.- Girth from 300 mm to 600 mm		/No		
3	15.00	No	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pit.- Girth from 600 mm to 900 mm		/No		
4	10.00	No	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pit.- Girth from 900 mm to 1800 mm		/No		
5	5.00	No	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 metres and earth filling in the depression/pit.- Girth above 1800 mm		/No		
			Total - Part I : Site Clearing & Preliminary Works				

Tender Schedule

SI No	Qty	Unit	Item Description	Rate (in Figures)	Unit	Rate (in Words)	Amount
			Part II : Land Development Works				
6	2000.00	cum	Excavation for road way in soil with Dozer including cutting and pushing the earth to site of embankment upto a distance of 100 metres (average lead 50 metres), including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.		/cum		
7	41500.00	cum	Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with all lifts and lead upto 1000 metres.		/cum		
8	2800.00	cum	Excavation in hilly area in ordinary/soft rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with all lift and lead upto 1000 metres.		/cum		
9	4150.00	cum	Excavation in hard rock (blasting prohibited) with rock breakers including breaking rock, loading in tippers and disposal within all lifts and lead upto 1000 metres, trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections. Mechanised		/cum		
10	5000.00	cum	Filling with contractor own earth in open areas in layers not exceeding 30 cm in depth, consolidating each deposited layer by power roller and watering, as per direction of site Engineer-in-charge. Rate for compaction shall be paid seperately.		/cum		
11	39725.00	cum	Compaction of filled earth with power roller 8-10 tonne capacity in layers not more than 30cm thick, consolidating each deposited layer to proper grade and camber, as per direction of site Engineer-in-charge		/cum		
			Total - Part II : Land Development Works				

Tender Schedule

SI No	Qty	Unit	Item Description	Rate (in Figures)	Unit	Rate (in Words)	Amount
			Part III : Retaining wall Works				
12	1350.00	Sqm	Design,Supply and constructing Green Reinforced Soil Wall up to 8 m height with Green Geocell facia with soil infill for vegetation, and slope stabilisation including excavation, foundation preparation, selected granular backfill, laying Woven Geotextile, reinforced with knitted Uni-axial woven polyester geogrid having suitable Design tensile strength, drainage arrangements, layer-wise compaction, complete as directed. The Design shall be submitted to KCA before executing the work. For the purpose of payment, facia wall area shall be measured		/Sqm		
13	1028.00	cum	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 up to 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		/cum		
14	50.00	cum	Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials. All kinds of soil		/cum		
15	90.00	cum	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) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)		/cum		

Tender Schedule

SI No	Qty	Unit	Item Description	Rate (in Figures)	Unit	Rate (in Words)	Amount
16	3200.00	cum	RR with Departmental Stone - Random rubble masonry using departmental rubble at all level including through and bond stone and levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 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).		/cum		
17	90.00	cum	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. All works above plinth level upto floor V level - Concrete of M25 grade		/cum		
18	180.00	Sqm	Centering and shuttering including strutting, etc. and removal of form for : Lintels, beams, plinth beams, girders bressumers and cantilevers		/Sqm		
19	7500.00	Kg	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more		/Kg		

Tender Schedule

SI No	Qty	Unit	Item Description	Rate (in Figures)	Unit	Rate (in Words)	Amount
20	500.00	m	PVC WEEP HOLES- Providing weep holes using 75mm dia. PVC pipes working pressure 4kg /sq.cm including cost of materials, conveyance, labour charges etc. complete.		/m		
			Total - Part III : Retaining wall Works				

Overview	
Part I : Site Clearing & Preliminary Works	
Part II : Land Development Works	
Part III : Retaining wall Works	
Total	
GST	
Total (Incl of GST)	

Rupees in Words:

Sign & Seal of Contractor

Place :

Name & Address:

Date:

KERALA CRICKET ASSOCIATION

**Integrated Cricket Infrastructure Development Project at KCA Ground, Akathethara, Palakkad - Phase I -
Land Development Works**

GENERAL APPROVED MAKE OF MATERIALS

Sl no	Item	Approved make
Civil Works		
1	Wall tiles	Kajaria/Cera/Somany
2	Wall and ceiling painting	Jotun/Berger/Asian
3	Floor tiling internal- to be fixed using 3mm spacer and joints to be filled using cementitious joint filler	Kajaria/Cera/Somany
4	Floor tiling toilets	Kajaria/Cera/Somany
5	Floor tiling external	Kajaria/Cera/Somany
6	False ceiling channel	Trusteel/Gyproc
7	Doors Wooden	Anjily/Teak
8	Door/Window UPVC	Fenesta/Prominace/Simta
9	Glass window	Saint gobain
10	Fixed glass with glass door with upvc frame	Fenesta/Prominace/Simta
11	Ventilators	Aluminum- Series 20
12	Granite- Threshold and Countertop	Jet black /Galaxy
13	Steel reinforcement	Tata steel/ Jindal/ JSW/Tulsyan
14	Built up tubular sections- GI	Tata steel/Jindal/JSW
15	Roofing sheet- Trufford sheet	Everest/Jindal/JSW
16	Cement (OPC 53 Grade)	Ultratech/Ambuja/ACC/Sankar/JSW
17	Granite stones	Jet black /Galaxy
18	Epoxy Paint for Concrete Works	Jotun/Indigo/Asian/Equivalent
18	Epoxy Paint for Metal Works	Jotun/Indigo/Asian/Equivalent
19	PVC Pipes	Supreme/Finolex/Goodwill
20	Paver -For Walkway	60mm Thick, M-25 grade
21	Paver -For Driveway	80mm Thick, M-40 grade
22	Geo-Textile Mat	GSM -740
Waterproofing		
1	Wet areas	Fosroc/MYK Lactcrete/Roff
2	Roof area	Fosroc/MYK Lactcrete/Roff
3	Substructure	Fosroc/MYK Lactcrete/Roff
Electrical Works		
1	Switch/socket/MCB/ELCB	Schnider/ABB/Legrand/Havells
2	Wires	Polycab/Havels/RR/Bonton/V-Guard
3	Conduits	Balco/Astral/Goodwill
4	Lights	Philips/Havells/Samsung
Plumbing Works		
1	Sanitary items	Jaguar/Cera/Johnson/Kholer
2	Pipes- UPVC/PVC/ASTM	Astral/Goodwill/ Balco/Finolex
3	CP fittings	Jaguar/Cera/Johnson/Kholer

Note: Selection of materials including CP/Sanitary/Switches/ Lights/Pavers are subject to approval from the KCA officials

Sign Seal Of Contractor