

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 10.A: ROADS, WALKWAYS & PAVED AREAS

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)

GENERAL NOTE

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

Ref Specs: 0120,0150,1100,1200,1510,1520,1530,2650

A.EARTH WORK

RD-01	Clearing and Grubbing disposal of surplus/rubbish excavated material at designated locations as directed by the Engineer.	Sft	2,100
RD-02	Compaction of Natural Ground	Sft	2,100
RD-03	Roadway excavation in Surplus common soil/material wet or dry, including lead & lift and disposal of surplus excavated material at designated locations as directed by the Engineer.	Cft	88,934
RD-04	Roadway excavation in Unsuitable common soil/material wet or dry, including lead & lift and disposal of surplus excavated material at designated locations as directed by the Engineer.	Cft	8,893
RD-05	Sub-grade preparation in earth cut including excavation of 6" depth below sub-grade elevation and re-compaction upto 95% modified AASHTO density as per cross slope/camber as shown on drawings or as directed by Engineer.	Sft	25,895
RD-06	Structural and trench excavation in common soil/material wet or dry including disposal of surplus excavated material at designated locations as directed by the Engineer.	Cft	2,520
RD-07	Compacted Backfilling with Common material as shown on drawings or as directed by the Engineer.	Cft	16,800
RD-08	Formation of embankment from road Way excavation material including hauling up-to any lead and lift, placing in layers, compaction upto 95% modified AASHTO dry density, dressing top and side slopes as per specifications and drawings or as directed by the Engineer.	Cft	1,000

B. SUB BASE

RD-09	Providing & laying Aggregate sub-base course including compaction up to 98% of modified AASHTO dry density as specified or as directed by the Engineer.	Cft	10,600
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<u>C. CONCRETE WORK</u>					
RD-10	Provide and laying Class 'E' (1:4:8) concrete in foundations including placing compacting, finishing and curing complete (including screening and washing of aggregates) as shown on drawings or as directed by the Engineer.	Cft	12,335		
RD-11	Providing and laying PCC with 3000 psi compressive cylindrical strength all as specified in slabs for roads, hard standings, etc., of any thickness, using Crushed stone, including use and waste of form work (steel) and finishing surface even and fair (not smooth).	Cft	14,460		
<u>D. ANCILLARY / MISCELLANEOUS WORKS</u>					
RD-12	Providing and laying Concrete tuff paver 60mm thick of approved design and colour, pattern laid on sand cushion filling of joint with sand etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included) a) Average strength 7000 psi	Sft	4,316		
RD-13	Providing and fixing kerb stone (12"x12"x6") in (1:3) cement sand mortar Including Haunching with CR Paint etc at locations mentioned in drawings or as directed by the engineer	Rft	3,035		
RD-14	Pavement marking 6" wide Reflective TP Paint strips using approved paint as per specifications of NHA (yellow continuous paint on pavement edges and white broken center line) on pavement surface, after cleaning the dry surface complete in all respects as per standard practice and as directed by the Engineer.	Rft	2,360		
RD-15	Providing and fixing informatory sign boards including all civil works (excavation, foundation, backfilling) and steel/pipe works as shown on drawings and as per specifications complete in all respects.	No	1		
RD-16	Supplying and stacking and Spreading in uniform thickness including mixing and breaking clods and dressing fine for grassing approved garden soil (sweet earth) free from salts, pebbles and grass roots etc. including all leads and lifts.	Cft	14,280		
RD-17	Supplying and Laying live (Dacca) grass in slabs with earth intact including all lead and lifts.	Sft	28,560		

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RD-18 Providing R.C.C. pipes and collars of class 'B' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and back filling the excavated material in trench including testing with water to a pressure head of 50 feet (15.24m) and cartage within 10 miles (16.09 km), for the following pipes:

12 inches dia. pipe.

Rft

100

Total Amount (Rs.) = _____