

NAME OF WORK:-Construction of Toilet Block at Court Building At-Harij, Ta-Harij, Dist- Patan.

SCHEDULE OF TESTING OF MATERIALS

For ensuring quality control and workmanship various tests prescribe below corresponding to the material concerned shall be taken as periodic intervals as stipulated below be taken.

The Material shall be got tested through Govt. Recognised Laboratory (R. & B.) or field Laboratory of GERI (R. & B.) for which 1% of the estimated amount of tender shall be recovered from the contractor's R.A. Bill and Final Bills as the testing charges shall be paid by the Govt. to the GERI. How ever if the charges increase over 1 % no excess recovery shall be made from the contractor as per resolution of B.& C. department dated 10th May 1985 vide TNC/1085 (4) S. Minimum 10% of total tests for each material shall be carried out in Govt. Laboratory i.e.GERI

It. No.	Material to be tested	Qty. of material	Type of test which shall be carried out.	Frequency @ which test shall be carried out	Total No. of test to be taken.
1	Cement	4.50	Consistency, Shetting time, compressive strength, fineness, Chemical analysis, Soundness	Up to 50 T = 1 Test 100 T = 2 Test 200 T = 3 Test 300 T = 4 Test 500 T = 5 Test 800 T = 6 Test 1300 T = 7 Test and 8 test for larger consingment	1 test
2	Metal	0.94	Gradation test, Impact value,Flekiness,index, water absorption, stripping value	1 to 100 cum= 1 Test 100 to 500 cum= 3 Test 500 to 1500 cum=5 Test 1500 to 5000 cum = 7 Test	1 test
3	Kapachi	4.39	Gradation test, Impact value,Flekiness,index, water absorption, stripping value	... do ...	1 test
4	Bricks	5650.00	Water absorption, Efflorence, Size, Compressive strength	1 test per 50000 Nos	1 test
5	Sand	14.17	fineness modules, Gradation, Silt content	1 Test per 200 Cum.	1 test
6	CC Cube C.C. 1:2:4 (M-150)	4.00	Compressive Strength (IS- 516-1959)	Qty of CC(m3)No of Test 1-5 = 1 Test 6-15 = 2 Test 16-30 = 3 Test 31-50 = 4 Test 50 & above = 4+1 Test for each addition 50 m3	1 test
7	Steel	0.38	Tensile stren., Yield stree, Elongation, Size	1 test for each Category / 40 mt per 1 test	1 test
8	Water		Chemical Analysis	1 test for each Soruce	1 test

The contractor Shall have to pay 1% of the estimate cost put to tender towards all testing of materials & same shall be deducted from their bills for the works. The testing of various materials shall be carried out in GERI and result received shall be binding to all i.e. contractor & Govt.

Testing charges of GERI shall be born by Govt. No refund be made or extra charge over 1% shall be recoverable from the contractor.

Deputy Executive Engineer
R & B Sub Division
Harij