

**CSR Fund Under Union Home Minister - Construction of Community Hall / Yoga Center at (1) Rupal (2) Sonipur & (3) Sardhav Ta: Gandhinagar Dist: Gandhinagar. CSR Fund/ Community Hall/ Gandhinagar/ PKG No - 02 (2026-27)**

**SCHEDULE FOR TESTING OF MATERIALS**

For ensuring quality control and workmanship, various tests prescribed below for materials shall be taken at periodical intervals as stipulated below.

The materials shall be a got tested at Government Laboratory (R & B) or field Laboratory of GERI (R & B) for which 1% of the estimated amount put to Tender shall be recovered from the contractor from the R.A. bills and final bills at the testing charges shall be paid to the GERI by the Government. However if the crages increase over 1% no excess recovery shall be made form the contractor as per resolution of B & C Department dated 10th, May 1985 vide TNC/1085 (4) s.

Item No. as per Schedul e 'B'	Brief Description of materials to be tested.	Qty. of Materials	Prescription of test which shall be carried out	Frequency @ which test shall be carried out	Total Nos of test to be taken
1	2	3	4	5	6
	Kapchi 40 mm 20 mm	<b>80.45</b> <b>412.40</b>	*Gradation test	1 to 100 - cum. 1 test	<b>1</b> <b>3</b>
			*Impact Value	100 to 500 - cum. 3 test	
			*Flakiness Index of	500 to 1500 - cum. 5 test	
				1500 to 5000 - cum. 7 test	
	Grit	<b>126.06</b>	*Stripping Value	As above	<b>3</b>
			*P.I.Value	As above	
			*Silt Content	As above	
	Sand	<b>668.66</b>	*Gradation, FM, SC	One Test per every 200 Cmt.	<b>4</b>
	Water		Chemical test	One test per source	<b>1</b>
	Bricks	<b>233646</b>	*Water absorption	1 test @ 50,000 Bricks	<b>5</b>
			*Efflorence		
			Size		
			*Strength Comprehensive		
	Cement	<b>297.727</b>	*Consistency	1 test @ 50.0 M.T. 100 T 2 tests,	<b>4</b>
		<b>M.T.</b>	*Setting time	200T 3 tests, 300T 4 tests, 500T 5 tests,	
			*Compressive Strength.	800 T 6 tests, 1300 T 7 tests & 8 testd for large consingment.	
	Steel	<b>36.618</b>	*Tensile, (TMT)	As per Manual of Quality Control	<b>1 Test Per Category</b>
		<b>TMT</b>	Yield	1 test/40 tonnes / per category	
			*Elongation		
			Size		

Item No. as per Schedule 'B'	Brief Description of materials to be tested.	Qty. of Materials	Prescription of test which shall be carried out	Frequency @ which test shall be carried out	Total Nos of test to be taken
	C.C.Cube Test	<b>Cmt</b>	*Compressive Strength.	1 to 5 cmt - 1 No	
				6 to 15 cmt - 2 No	
				16 to 20 cmt - 3 No	
	1:1.5:3	<b>338.85</b>		20 to 50 cmt - 4 No	<b>10</b>
			*Compressive Strength.	51 to above - 4 +1 additional sample for each 50 cu.mt. Or part there of.	

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

Testing charges of GERI shall be born by Govt. No refund be made not extra charges over 1% shall be recoverable from the contractor.

Signature of Contractor.

Deputy Executive Engineer  
Road Project Sub Division  
Jilla Panchayat, Gandhinagar

Executive Engineer  
R & B Panchayat Division  
Gandhinagar