

CSR Fund Under Union Home Minister - Construction of Community Hall / Yoga Center at (1) Sherisa (2) Hajipur & (3) Vadsar Ta: Kalol Dist: Gandhinagar. CSR Fund/ Community Hall/ Kalol/ PKG No - 04 (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 | 80.45 412.40 | *Gradation test *Impact Value *Flakiness Index of | 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 3 |
| | Grit | 126.06 | *Stripping Value | As above | 3 |
| | | | *P.I.Value | As above | |
| | | | *Silt Content | As above | |
| | Sand | 668.66 | *Gradation, FM, SC | One Test per every 200 Cmt. | 4 |
| | Water | | Chemical test | One test per source | 1 |
| | Bricks | 233646 | *Water absorption *Efflorence Size *Strength Comprehensive | 1 test @ 50,000 Bricks | 5 |
| | Cement | 297.727 M.T. | *Consistency *Setting time *Compressive Strength. | 1 test @ 50.0 M.T. 100 T 2 tests, 200T 3 tests, 300T 4 tests, 500T 5 tests, 800 T 6 tests, 1300 T 7 tests & 8 testd for large consingment. | 4 |
| | Steel | 36.618 TMT | *Tensile, (TMT) Yield *Elongation Size | As per Manual of Quality Control 1 test/40 tonnes / per category | 1 Test Per Category |

| 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 | Cmt | *Compressive Strength. | 1 to 5 cmt - 1 No | |
| | | | | 6 to 15 cmt - 2 No | |
| | | | | 16 to 20 cmt - 3 No | |
| | 1:1.5:3 | 338.85 | | 20 to 50 cmt - 4 No | 10 |
| | | | | 51 to above - 4 +1 additional sample for each 50 cu.mt. Or part there of. | |
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| | | | | | |

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