

**Name of work :-**

# TECHNICAL SPECIFICATIONS

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## 1.0 PREAMBLE:-

1.1 The Technical Specifications contained herein shall be read in conjunction with the other Bidding Documents as specified in this Volume.

## 1.2 Site Information:-

1.2.1 The information given here under provided elsewhere is given in good faith by the Employer but the Contractor shall satisfy himself regarding all aspects of site conditions and no claim will be entertained on the plea that the information supplied by the Employer is erroneous or insufficient.

## 2.0 GENERAL REQUIREMENTS:-

The technical specifications in accordance with which the entire work described herein after shall be constructed and completed by the Contractor shall comprise of the "SPECIFICATION"

2.1 Though "SPECIFICATION" for each item are attached with tender they are based on following.

(1) "SPECIFICATION FOR ROAD AND BRIDGE WORKS" (Fourth REVISION printed in year 2001) issued by the Ministry of Road Transport & Highways (MORT & H), Government of India and Published by the Indian Roads Congress, hereinafter to as MORT & H Specifications.

(2) The General Technical Specifications for Road works.

(3) The General Technical Specifications for Bridge works.

Note:- (2) To (3) are Conventional Specifications Booklets usually attached for (R&B) Works.

2.2 If, a particular clause (which is incorporated in "SPECIFICATION") of specification booklets (1) to (3) above is Amended / Modified/ Added upon then the Amendment/ Modification/Addition shall supersede the relevant clause incorporated in " SPECIFICATION"

2.3 In, so far as Amended / Modified / Added Clause may come in conflict or be inconsistent with any of the provisions of the MORT & H Specifications under reference, the Amended/Modified/ Added Clause and the additional specifications shall always prevail.

2.4 In the absence of any definite provisions on any particular issue in the aforesaid Specifications, reference may be made to the latest codes and specification, of IRC and BIS in that order. Where even these are silent, the construction and completion of the works shall conform to sound engineering practice as approved by the ' Engineer' and , in case of any dispute arising out of the interpretation of the above, the decision of the 'Engineer' shall be final and binding on the Contractor.

Name of work:

## **ITEM WISE SPECIFICATION**

Item No. 60

'Providing & Supplying of High-quality virgin plastic build Table size LxBxH (1.50 x 0.75 x 0.75) As per attached drawing & instructed by in charge Consultant. 52-Inch Kids Half Moon Plastic Table is a durable and spacious table designed with adjustable height legs for children. Its unique half-moon shape provides ample space for group activities, crafts, or learning. Made from sturdy plastic, it is easy to clean and maintain, making it ideal for classrooms, playrooms, or home use. Table of Standard make ( Nilkamal, Cello etc. or equivalent ).



- **Material:-**

High-quality virgin plastic build for lasting durability. A glossy finish on the table adds an appealing touch. Easy to clean and designed exclusively for children.

- **ADJUSTABLE HEIGHT LEGS:**

Features sturdy adjustable legs that give you the flexibility to raise or lower the table's height to accommodate kids and toddlers up to the age of 7.

as per Architect/ Engg-in-Charge.

- **DURABLE BUILD:**

Made with high-precision machines using sturdy, child-safe materials to ensure long-lasting use, making it a reliable addition to any kids' furniture collection.

- **Mode of measurement and payment**

The Item shall be measured for its **Nos** limiting dimensions to those specified on plan or as directed. The rate shall be for a unit of one **Nos**.

The payment will be made on **Nos** basis of the finished work.

### Item No. 61

'Providing and Supplying of Fancy CHAIRS of pvc base and armrest, as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge Product Type Kids School Chair,Back Type:Mid Back,Material:Plastic,Color:Red, Yellow, Blue. Min Size14x17x12 inch Chair of Standard make ( Nilkamal, Cello etc. or equivalent ).



- **Material:-**

High-quality virgin plastic build for lasting durability.A glossy finish on the chair adds an appealing touch.Easy to clean and designed exclusively for children.

- **DURABLE BUILD:**

Made with high-precision machines using sturdy, child-safe materials to ensure long-lasting use, making it a reliable addition to any kids' furniture collection.

- **Mode of measurement and payment**

The Item shall be measured for its **Nos** limiting dimensions to those specified on plan or as directed. The rate shall be for a unit of one Nos.

The payment will be made on **Nos** basis of the finished work.

**Item No. 62**

**Providing & Fixing Kitchen Storage Cabinet with 5 self, 2 nos door 19 mm plywood with 4 mm glass panel door, Storage self made with 12mm thick water proof plywood of ISO 710, door sides border of 20 mm thick in teak wood, All outer surfaces are to be laminated with 1.5 mm laminate and internal laminated with 0.80mm laminate sheet as approved by architect. Including all necessary hardware & fittings such as screw, buffer, bonding material etc. all work must be done As per Architect Drawing & Instructed By Site Engineer**

**Waterproof Plywood**

- The plywood shall be from list of approved make and as approved by the Architect and Engineer-in-charge. It shall conform to IS 710 and to the relevant Defense and Navy specifications.
- Plywood shall be made from veneers of hard wood timbers and bonded with high quality BWP type Phenol Formaldehyde Synthetic Resin Adhesive and hot pressed at high temperature and pressure, and further treated with a fixed type of preservative by vacuum-cum-pressure impregnation, to produce thin boards or sheets of wood panels. There are always an odd number of layers. The plies shall be placed, so that, grain of each layer is at right angles to the grain in the adjacent layer.
- Plywood shall be waterproof, weatherproof, boil proof, and highly durable even against strenuous vulnerable uses. It shall resist the attack of termites, cockroaches, wood burrowers, fungus, mould, rot, decay and other wood destroying insects and marine organisms.
- The tensile strength of the plywood shall be minimum 600 kg/cm<sup>2</sup> and bending strength above 400 kg/cm<sup>2</sup>. The swelling of plywood in water should be almost negligible. Specific gravity of plywood should be 0.7 to 0.75, having screw and nail holding strength normal to face, at least 250 kg and 60 kg, respectively.

- The moisture content shall be less than 10% and the plywood shall have high fire resistance and shall be free from any cracks, wraps, split etc., and shall have uniform strength all over the panel surface. It shall be used for marine structures, leather tanning tables, wall paneling, and underlayment for kitchen and other furniture, subjected to heat and moisture.

**Laminate :**

The laminate sheet shall be 1.0 to 0.8 mm. thick and shall conform to IS : 2046-1969. The sheets shall be of approved color, texture and Standard make or equivalent, as approved by the Architect and Engineer-in-charge.

**Mode of measurement and payment**

The Item shall be measured for its **SQ.MT** limiting dimensions to those specified on plan or as directed. The rate shall be for a unit of one **SQ.MT**.

The payment will be made on **SQ.MT** basis of the finished work.



**Item No. 63**

**Providing & Fixing 32-inch LED SMART TV is an ideal, compact entertainment unit for bedrooms, kitchens, or small living spaces. Standard models feature HD Ready resolution (1366 × 768), a 60Hz refresh rate, 16W to 20W speakers with Dolby Audio, and built-in smart capabilities all work must be done As per Architect Drawing & Instructed By Site Engineer**



32-inch LED SMART TV

Standard models feature HD Ready resolution (1366 × 768)

16W to 20W speakers with Dolby Audio

Built-in smart capabilities

**Mode of measurement and payment**

The Item shall be measured for its **Nos** limiting dimensions to those specified on plan or as directed. The rate shall be for a unit of one Nos.

The payment will be made on **Nos** basis of the finished work.

**Item No. 64**

**Providing & Fixing RO SYSYEM Capacity/Flow:** Features a high 20 LPH purification speed with a 12-litre storage tank, making it highly efficient for continuous water requirements. **Health Enhancements:** Multi-stage RO+UV+Copper+Zinc+Alkaline pH B12 technology that restores essential active minerals and balances pH levels. all work must be done As per Architect Drawing & Instructed By Site Engineer.

- **Reference Image**

**RO SYSYEM**

Capacity/Flow: Features a high 20 LPH purification speed  
 12-litre storage tank  
 RO + UV + Copper + Zinc + Alkaline.

**Mode of measurement and payment**

The Item shall be measured for its **Nos** limiting dimensions to those specified on plan or as directed. The rate shall be for a unit of one Nos.

The payment will be made on **Nos** basis of the finished work.

Signature of Contractor

**Deputy Executive Engineer  
Panchayat (R&B) Sub Division  
Choryasi**

**Executive Engineer  
Panchayat (R&B) Division  
Surat**