

**Name of work :- Hiring of Labour and Machinery for
Various Location under Vapi area Taluka,
Tal. Vapi Dist. Valsad**

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" (Fifth REVISION printed in year 2013) 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.

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ITEM WISE SPECIFICATION

Item No. 1 Providing Hiring of JCB: Backhoe-loader 1 cum bucket capacity for Soil Loading Aggregate loading, road side Gutter, Rain Cut, Cleaning C.D. Works, Bridges, etc including Operator and fuel etc as per direction of EIC

- **Scope of Work:**
 - Hiring of JCB for earthmoving, excavation, and other construction activities.
 - Provision of a trained and certified operator.
 - Inclusive of fuel costs for the operation.
- **Operator Requirements:**
 - Must possess valid certification/license for operating JCB machinery.
 - Must comply with all safety regulations and operational guidelines.
- **Fuel Provision:**
 - Fuel consumption to be included in the hiring rate.
 - Supplier responsible for refuelling as per operational requirements.
- **Payment Terms:**
 - Rate per hour.
 - Invoicing and payment schedule.
 - Any penalties or deductions for delays or poor performance.
- The rate shall be for a unit of **hour basis**

Item No. 2 Providing Hiring of Dumper / tipper: 10 cum capacity for Soil, Aggregate, Carriage etc including Driver and fuel etc as per direction of EIC

- **Scope of Work:**
 - Hiring of Dumper/Tripper for transportation of materials such as earth, sand, gravel, and construction debris.
 - Provision of a qualified and experienced operator.
 - Fuel expenses included in the hiring rate.
- **Operator Requirements:**
 - Must hold a valid heavy vehicle driving license.
 - Knowledge of safe loading and unloading practices.
 - Compliance with all safety and regulatory guidelines.
- **Fuel Provision:**
 - Fuel consumption to be included in the hiring rate.
 - Supplier responsible for refuelling as per operational needs.

- **Payment Terms:**
 - Rate per hour/day/month.
 - Invoicing and payment schedule.
 - Penalties or deductions for delays, breakdowns, or non-performance.
- The rate shall be for a unit of **hour basis**

Item No. 3 Providing Unskilled Labour for road side work etc. As per Instruction.

- **Scope of Work:**
 - Supply of skilled, semi-skilled, and unskilled labor for road construction, maintenance, and repair.
 - Deployment of workers for tasks such as excavation, paving, concrete work, drainage installation, and signage placement.
 - Adherence to government standards for road construction.
- **Labour Categories & Requirements:**
 - Skilled workers: (masons, machine operators, etc.).
 - Semi-skilled workers: helpers, road marking personnel, etc.).
 - Unskilled workers: (manual laborers, cleaners, etc.).
- **Work Schedule & Duration:**
 - Daily working hours: 8 hours.
- **Legal Compliance & Documentation:**
 - Compliance with labor laws, including minimum wage and benefits.
 - Registration of workers under relevant employee welfare schemes (EPF, ESI, etc.).
 - Submission of identity proof, medical fitness certificates, and police verification.
- **The rate shall be for a unit of Day basis**

Signature of the contractor

**Executive Engineer,
Valsad (R&B) Division
Valsad**