

GOVERNMENT OF MAHARASHTRA
GRAMPANCHAYAT DADHAM
TENDER PARTICIPANTS ONLY MKSS

Original Agreement No. : B-1 (Percentage Rate)

Name of Work : CONSTRUCTION OF CC DRAIN AT DADHAM BK
TQ BALAPUR DIST AKOLA FROM SHRI SANTOSH
SUKDANE TO GAON TALAV IN ST WASTI UNDER
MLC LOCAL DEVELOPMENT FUND (ONLY FOR
MKSS)

Name of Contractor :

Date of Receipt of Tender : 18.05.2027 up to 5.00 hours.

No. & Date of Work Order :

Amount put to Tender : Rs 987291

Percentage quoted :

Amount of Contract :

Date of Commencement :

Time stipulated for completion of work : 03 (MONTH) Calender Months from the date of
written order to start work, which will include the
monsoon period.

Date of completion as per Agreement :

Acutual Date of Completion :

Reference to sanction of tender :

Extension of time limit : 1
2
3

Certified that this original Agreement contains : Pages 01 to

DETAILS OF WORK

NAME OF WORK: - CONSTRUCTION OF CC DRAIN AT DADHAM BK TO BALAPUR DIST AKOLA FROM SHRI SANTOSH SUKDANE TO GAON TALAV IN ST WASTI UNDER MLC LOCAL DEVELOPMENT FUND (ONLY FOR MKSS)

Estimated Cost put to tender **Rs 987291/-**
Earnest Money **Rs 1 %**

Term Deposit Receipt of Schedule Bank/ Nationalised Bank/of India or Valid E.M.D. Exemption Certificate duly attested shall be uploaded at the time of submission. Total Security Deposit 4% (Two percent) **Rs.19745/-** (50% in cash at the time of Agreement and 50% from R.A.bills).

TENDER SCHEDULE

Cost of Tender Form	: Rs 500/-
Period for Downloading Tender Forms	: From 18.05..2027 TO 23.05.2027 at Upto at 5.00 hours.
Last date and time for submitting pre- bid queries online	: Upto 23.05.2027 at 5.00 at HH:MM
Date of Pre-bid meeting	: - -
Last date and time for online bid preparation and hash submission (technical and financial)	: Upto Date: 23.05.2027 Time: 5.00 Hours
Close for bidding & generate super hash	: Date - Time 5.00 Hours to Date - Time 5.00Hours
Date and time for online bid data decryption and re-encryption (technical and commercial)	: Date:18.05..2027 TO 23.05.2027 Time: 5.00 Hours
Receipt of bid security and tender document fees (in original one day before of the opening of the technical bid's date and time)	: Upto - Time:5.00
Technical & Commercial Bid Opening	: Date: 24.05.2027 Time 17.00 hours
Registration class of Contractor	: REQUIRED AS PER ESTIMATED CLASS

TO BE FILLED BY THE CONTRACTOR

I/We have quoted my/our offer in percentage rate in words as well as in figures. I/We

further undertake to enter into contract in regular "B-1" form in Public Works Department.

Name and signature of Contractor/

Power of Attorney holder

With complete address.

GOVERNMENT OF MAHARASHTRA
GRAMPANCHAYAT DADHAM
TENDER PARTICIPANTS ONLY FOR MKSS

INVITATION FOR TENDERS

DETAILED TENDER NOTICE

NAME OF WORK: - CONSTRUCTION OF CC DRAIN AT DADHAM BK TQ BALAPUR DIST AKOLA FROM SHRI SANTOSH SUKDANE TO GAON TALAV IN ST WASTI UNDER MLC LOCAL DEVELOPMENT FUND (ONLY FOR MKSS)

Online percentage rate tenders in 'B-1' Form are invited by the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** for the following work from Contractors registered in appropriate class of the Public Works Department of Maharashtra State. The name of work, estimated cost, earnest money, security deposit, time limit for completion etc. are as under.

Sr. No.	Name of work	Estimated Cost (Rupees)	Earnest Money (Rupees)	Security Deposit (Rupees)	Class of Contractor	Time limit in Tender (Calendar Months)
1	CONSTRUCTION OF CC DRAIN AT DADHAM BK TQ BALAPUR DIST AKOLA FROM SHRI SANTOSH SUKDANE TO GAON TALAV IN ST WASTI UNDER MLC LOCAL DEVELOPMENT FUND (ONLY FOR MKSS)	987291	1 %		REQUIRED AS PER ESTIMATED CLASS	03 (month) Calendar Months (including monsoon)

Tender form, conditions of contract, specifications and contract drawings can be downloaded from the eTendering portal of SARPANCH/SACHIV GRAMPANCHAYAT DADHAM i.e. <https://zp.maharashtra.etenders.in> after entering the details payment **of Rs. 500/- (Rupees Five Thousand only.)** in the form of DD/ Pay Order of scheduled or Nationalised Bank in favour of **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM. The DD/Pay Order**

shall be adjusted against as fees of tender document and it will be non refundable.

Further information regarding the work can be obtained from the above office.

The Tender Fee in the form of DD / Pay Order, Drawn in the name of SARPANCH/SACHIV GRAMPANCHAYAT DADHAM/ Attested EMD Exemption certificate, Affidavit should be submitted by Registered Post/Courier service in sealed covers addressed to the **E-Tender** Section, Zilla Parishad] Akola with the name of the work written at the top of the envelope will be received in the office of the **E-Tender** Section, Zilla Parishad] Akola as per the Tender Schedule. Bids will be opened as per the Tender Schedule, in the presence of such intending Tenderers or his/ their authorized representatives who may be present at that time.

TENDERING PROCEDURE: -

1.1 A. Blank Tender Forms.

Tender Forms can be downloaded from the e-Tendering Portal of SARPANCH/SACHIV GRAMPANCHAYAT DADHAM i.e. .
<https://zp.maharashtra.etenders.in> after entering the details of payment towards Tender Fees as per the **Tender Schedule**.

1.2 B PRE-TENDER CONFERENCE: -

1.2.1 Pre-tender conference open to all prospective tenderers who have downloaded tender form before the date of Pre-tender Conference, will be held on -- --Hrs. in the office of the **E-Tender** Section, Zilla Parishad] Akola wherein prospective Tenderers will have an opportunity to obtain clarifications regarding the work and the Tender Conditions.

1.2.2 The prospective tenderers are free to ask for any additional information or clarification either in writing or orally concerning the work, and the reply to the same will be given by the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**, in writing and this clarification referred to as Common Set of Conditions/Deviations (C.S.D.), shall form part of tender documents and which will also be common and applicable to all tenderers. The point/points if any raised in writing and/or verbally by the contractor in pre-tender conference and not finding place in C.S.D. issued after the pre- bid conference, is/are deemed rejected. In such case the provision in NIT shall prevail. No individual correspondence will be made thereafter with the contractor in this regard.

1.2.3 The tender submitted by the tenderer shall be based on the clarification, additional facility offered (if any) by the Department, and this tender shall be unconditional. Conditional tenders shall be summarily REJECTED.

1.2.4 All tenderers are cautioned that tenders containing any deviation from the contractual

terms and conditions, specifications or other requirements and conditional tenders will be treated as non responsive. The tenderer should clearly mention in forwarding letter that his offer (in envelope No. 1& 2) does not contain any conditions, deviations from terms and conditions stipulated in the tender.

1.2.5 Tenderers should have valid Class II / III Digital Signature Certificate (DSC) obtained from any Certifying Authorities. In case of requirement of DSC, interested Bidders should go to <http://maharashtra.etenders.in/mah/DigitalCerti.asp> and follow the procedure mentioned in the document 'Procedure for application of Digital Certificate'.

1.2.6 The Tenderers have to make a payment of **Rs 500/-** online as service charges for the use of Electronic Tendering during Online Bid Data Decryption and Re-encryption stage of the Tender.

1.2.7 For any assistance on the use of Electronic Tendering System, the Users may call the below numbers:

Landline No. - 020 - 2531 5555 / 56

Landline No. - 022 - 2661 1117 (Ext 25 / 26)

Mobile No. - 91679 69601 / 04 / 14

1.2.8 Tenderers should install the Mandatory Components available on the Home Page of <http://maharashtra.etenders.in> under the section '**Mandatory Components**' and make the necessary Browser Settings provided under section '**Internet Explorer Settings**'

1.2.9 For benefit of the Tenderers, a workshop on Electronic Tendering System has been organised at **<venue address>** on **<date>** at **<time>**. Tenderers are requested to attend the workshop for an overview of the Electronic Tendering System and to understand the pre-requisites of participation on the Electronic Tendering System.

1.3 Guidelines to Bidders on the operations of Electronic Tendering System of Zilla Parishad

Akola

. <https://zp.maharashtra.etenders.in>

A. Pre-requisites to participate in the Tenders processed by **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**

1. Enrolment and Empanelment of Contractors on Electronic Tendering System:

The Contractors interested in participating in the Tenders of Public Works Department – processed using the Electronic Tendering System shall be required to enrol on the Electronic Tendering System to obtain User ID.

After submission of application for enrolment on the System, the application information shall be verified by the Authorized Representative of the Service Provider. If the information is found to be complete, the enrolment submitted by the Vendor shall be approved.

For participating in Limited and Restricted tenders the registered vendors have to apply for empanelment on the sub-portal of PWD in an appropriate class of registration. The empanelment will have to be approved by the respective officer from the PWD. Only empanelled vendors will be allowed to participate in such tenders.

The Contractors may obtain the necessary information on the process of enrolment and empanelment either from Helpdesk Support Team or may visit the information published under the link Enrol under the section E-Tendering Toolkit for Bidders on the Home Page of the Electronic Tendering System.

2. Obtaining a Digital Certificate:

The Bid Data that is prepared online is required to be encrypted and the hash value of the Bid Data is required to be signed electronically using a Digital Certificate (Class – II or Class – III). This is required to maintain the security of the Bid Data and also to establish the identity of the Contractor transacting on the System.

The Digital Certificates are issued by an approved Certifying Authority authorized by the Controller of Certifying Authorities of Government of India through their Authorized Representatives upon receipt of documents required to obtain a Digital Certificate.

Bid data / information for a particular Tender may be submitted only using the Digital Certificate which is used to encrypt the data / information and sign the hash value during the Bid Preparation and Hash Submission stage. In case during the process of preparing

and submitting a Bid for a particular Tender, the Contractor loses his/her Digital Signature Certificate (i.e. due to virus attack, hardware problem, operating system problem); he / she may not be able to submit the Bid online. Hence, the Users are advised to store his / her Digital Certificate securely and if possible, keep a backup at safe place under adequate security to be used in case of need.

In case of online tendering, if the Digital Certificate issued to an Authorised User of a Partnership Firm is used for signing and submitting a bid, it will be considered equivalent to a no objection certificate / power of attorney to that User to submit the bid on behalf of the Partnership Firm. The Partnership Firm has to authorize a specific individual via an authorization certificate signed by a partner of the firm (and in case the applicant is a partner, another partner in the same form is required to authorise) to use the digital certificate as per Indian Information Technology Act, 2000.

Unless the Digital Certificate is revoked, it will be assumed to represent adequate authority of the Authority User to bid on behalf of the Firm for the Tenders processed on the Electronic Tender Management System of Government of Maharashtra as per Indian Information Technology Act, 2000. The Digital Signature of this Authorized User will be binding on the Firm. It shall be the responsibility of Partners of the Firm to inform the Certifying Authority or Sub Certifying Authority, if the Authorized User changes, and apply for a fresh Digital Signature Certificate. The procedure for application of a Digital Signature Certificate will remain the same for the new Authorised User.

The same procedure holds true for the Authorized Users in a Private / Public Limited Company. In this case, the Authorisation Certificate will have to be signed by the Director of the Company or the Reporting Authority of the Applicant.

For information on the process of application for obtaining Digital Certificate, the Contractors may visit the section Digital Certificate on the Home Page of the Electronic Tendering System.

3. Recommended Hardware and Internet Connectivity:

To operate on the Electronic Tendering System, the Contractors are recommended to use Computer System with at least 1 GB of RAM and broadband connectivity with minimum 512 kbps bandwidth.

4. Set up of Computer System for executing the operations on the Electronic Tendering System:

To operate on the Electronic Tendering System of Government of Maharashtra, the Computer System of the Contractors is required be set up. The Contractors are required to install Utilities available under the section Mandatory Installation Components on the Home Page of the System.

The Utilities are available for download freely from the above mentioned section. The Contractors are requested to refer to the E-Tendering Toolkit for Bidders available online on the Home Page to understand the process of setting up the System, or alternatively, contact the Helpdesk Support Team on information / guidance on the process of setting up the System.

5. Payment for Service Provider Fees:

In addition to the Tender Document Fees payable to PWD, the Contractors will have to pay Service Providers Fees of **Rs.500/-** through online payments gateway service available on Electronic Tendering System. For the list of options for making online payments, the Contractors are advised to visit the link E-Payment Options under the section E-Tendering Toolkit for Bidders on the Home Page of the Electronic Tendering System

B. Steps to be followed by Contractors to participate in the e-Tenders processed by Zilla

Parishad Akola

1. Preparation of online Briefcase:

All Contractors enrolled on the Electronic Tendering System of Government of Maharashtra are provided with dedicated briefcase facility to store documents / files in digital format. The Contractors can use the online briefcase to store their scanned copies of frequently used documents / files to be submitted as a part of their bid response. The Contractors are advised to store the relevant documents in the briefcase before starting the

Bid Preparation and Hash Submission stage.

In case, the Contractors have multiple documents under the same type (e.g. multiple Work Completion Certificates) as mentioned above, the Contractors advised to either create a single .pdf file of all the documents of same type or compress the documents in a single compressed file in .zip or .rar formats and upload the same.

It is mandatory to upload the documents using the briefcase facility. Therefore, the Contractors are advised to keep the documents ready in the briefcase to ensure timely bid preparation.

Note: Uploading of documents in the briefcase does not mean that the documents are available to **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** at the time of Tender Opening stage unless the documents are specifically attached to the bid during the online Bid Preparation and Hash Submission stage as well as during Decryption and Re-encryption stage.

2. Online viewing of Detailed Notice Inviting Tenders:

The Contractors can view the Detailed Tender Notice along with the Time Schedule (Key

Dates) for all the Live Tenders released by on the home page of **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** e-Tendering Portal on <https://zp.maharashtra.etenders.in> under the section Recent Online Tender.

3. Download of Tender Documents:

The Pre-qualification / Main Bidding Documents are available for free downloading. However to participate in the online tender, the bidder must purchase the bidding documents online by filling up details of Demand Draft towards the cost of Tender Form Fee

4. Online Bid Preparation and Submission of Bid Hash (Seal) of Bids:

Submission of Bids will be preceded by online bid preparation and submission of the

digitally signed Bid Hashes (Seals) within the Tender Time Schedule (Key Dates) published in the Detailed Notice Inviting Tender. The Bid Data is to be prepared in the templates provided by the Tendering Authority of SARPANCH/SACHIV GRAMPANCHAYAT DADHAM. The templates may be either form based, extensible tables and / or uploadable documents. In the form based type of templates and extensible table type of templates, the Contractors are required to enter the data and encrypt the data using the Digital Certificate.

In the uploadable document type of templates, the Contractors are required to select the relevant document / compressed file (containing multiple documents) already uploaded in the briefcase.

Notes:

- a. The Contractors upload a single document or a compressed file containing multiple documents against each unloadable option.
- b. The Hashes are the thumbprint of electronic data and are based on one – way algorithm. The Hashes establish the unique identity of Bid Data.
- c. The bid hash values are digitally signed using valid Class – II or Class – III Digital Certificate issued any Certifying Authority. The Contractors are required to obtain Digital Certificate in advance.
- d. After the hash value of bid data is generated, the Contractors cannot make any change / addition in its bid data. The bidder may modify bids before the deadline for Bid Preparation and Hash Submission as per Time Schedule mentioned in the Tender documents.
- e. This stage will be applicable during both, Pre-bid / Pre-qualification and Financial Bidding Processes.

5. Close for Bidding (Generation of Super Hash Values):

After the expiry of the cut – off time of Bid Preparation and Hash Submission stage to be completed by the Contractors has lapsed, the Tender will be closed by the Tender Authority.

The Tender Authority from PWD shall generate and digitally sign the Super Hash values (Seals).

6. Decryption and Re-encryption of Bids (submitting the Bids online):

After the time for generation of Super Hash values by the Tender Authority from PWD has lapsed, the Contractors have to make the online payment of Rs. 1,024/- towards the fees of the Service Provider.

After making online payment towards Fees of Service Provider, the Contractors are required to decrypt their bid data using their Digital Certificate and immediately re-encrypt their bid data using the Public Key of the Tendering Authority. The Public Key of the Tendering Authority is attached to the Tender during the Close for Bidding stage.

Note: The details of the Processing Fees shall be verified and matched during the Technical Opening stage.

At this time, the Contractors are also required to upload the files for which they generated the Hash values during the Bid Preparation and Hash Submission stage.

The Bid Data and Documents of only those Contractors who have submitted their Bid Hashes (Seals) within the stipulated time (as per the Tender Time Schedule), will be available for decryption and re-encryption and to upload the relevant documents from Briefcase. A Contractor who has not submitted his Bid Preparation and Hash Submission stage within the stipulated time will not be allowed to decrypt / re-encrypt the Bid data / submit documents during the stage of Decryption and Re-encryption of Bids (submitting the Bids online).

7. Shortlisting of Contractors for Financial Bidding Process:

The Tendering Authority will first open the Technical Bid documents of all Contractors and after scrutinizing these documents will shortlist the Contractors who are eligible for Financial Bidding Process. The shortlisted Contractors will be intimated by email.

8. Opening of the Financial Bids:

The Contractors may remain present in the Office of the Tender Opening Authority at the time of opening of Financial Bids. However, the results of the Financial Bids of all Contractors shall be available on the PWD e-Tendering Portal immediately after the

completion of opening process.

9. Tender Schedule (Key Dates):

The Contractors are strictly advised to follow the Dates and Times allocated to each stage under the column “Contractor Stage” as indicated in the Time Schedule in the Detailed Tender Notice for the Tender. All the online activities are time tracked and the Electronic Tendering System enforces time-locks that ensure that no activity or transaction can take place outside the Start and End Dates and Time of the stage as defined in the Tender Schedule.

At the sole discretion of the Tender Authority, the time schedule of the Tender stages may be extended

A) Works

1.4 ENVELOPE No. 1: (Documents)

The first envelope “**Envelope No. 1**” shall contain the following documents:

- 1.4.1 Scanned copy of Demand .Draft **of Rs. 0/--** issued from any Scheduled Bank and duly endorsed in the name of **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**, or valid certificate of exemption from payment of earnest money if applicable (true copy attested by Deputy Engineer Sub Division z.p. to be Submitted as per the tender Schedule).
- 1.4.2 Scanned copy of Valid certificate as a Registered Contractor with the Government of Maharashtra in appropriate class (attested by Deputy Engineer Sub Division z.p).
- 1.4.3 Scanned copy of valid VAT registration certificate from Maharashtra State Sale Tax Department (Maharashtra Value Added Tax Act 2005)
- 1.4.4 Scanned copy of list of Machinery and plants immediately available with the tenderer for use on this work and list of machinery proposed to be utilized on this work.
- 1.4.5 Scanned copy of proof of appointment of employees
- 1.4.6 Scanned copy of details of work done during last three years with the value of work unfinished
- 1.4.7 Noterised Joint Venture if applicable
- 1.4.8 Scanned copy of certified Attested copy of Registered Partnership Deed / Memorandum of Article of Association, as the case may be if the tenderer is a partnership firm or joint venture company if applicable.
- 1.4.9 Power of Attorney on behalf of firm issued in the name of persons authorised to sign agreements, bill, etc. and collect cheques from department for the work done.

Even though the bidders meet the above qualifying criteria, they are subjected to be disqualified if they have made misleading or false representation in the forms statement and attachments

submitted as proof of the qualification requirements and / or record of post performance such as abandoning the works, not properly completing the contract, inordinate delays in completion litigation history or financial failures etc.

1.5 ENVELOPE No. 2 TENDER (FINANCIAL BID)

The second envelope "Envelope No. 2" shall contain only the main tender including the Common Set of Conditions / Deviation issued by the Department after the pre-tender Conference. A tender submitted without this would be considered as invalid.

The Tenderer should quote his offer duly signed in terms of percentage of estimated rates at the appropriate place of tender documents to be submitted only in Envelope No. 2. He should not quote his offer anywhere directly or indirectly in Envelope No. 1. The contractor shall quote for the work as per details given in the main tender and also based on the detailed set of conditions issued / Additional stipulations made by the Department as informed to him by a letter from Chief Engineer / Superintending Engineer after Pre-Tender Conference. His tender shall be unconditional.

1.6 SUBMISSION OF TENDER: -

Refer to Section 'Guidelines to Bidders on the operations of Electronic Tendering System of Public Works Department' for details.

1.7 OPENING OF TENDERS:

On the date, specified in the Tender Schedule, following procedure will be adopted for opening of the Tender.

(A) ENVELOPE No. 1 :- (Documents)

First of all Envelope No. 1 of the tender will be opened online to verify its contents as per requirements. If the various documents contained in this envelope do not meet the requirements of the Department, a note will be recorded accordingly by the tender opening authority and the said tenderers Envelope No. 2 will not be considered for further action and the same will be recorded.

The decision of the tender opening authority in this regard will be final and binding on the contractors.

(B) ENVELOPE No. 2: (Financial Bid)

a) This envelope shall be opened online immediately after opening of Envelope No. 1, only if contents of Envelope No. 1 are found to be acceptable to the Department. The tendered rates in Schedule 'B' or percentage **above/below** the estimated rates shall then be read out in the presence of bidders who remain present at the time of opening of Envelope No. 2.

1.8 EARNEST MONEY :

(i) Earnest money of minimum **Rs 1 %** to be attached with the tender should be in the form of challan showing deposit of cash in to the treasury / bank or Term deposit receipt for period of one year issued by the Scheduled Bank duly endorsed in the name of **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**

(ii) Attested copy of earnest money exemption certificate will be accepted in lieu Earnest Money Deposit from the Registered Contractors of Maharashtra State only.

Earnest Money in the form of cheques or any other form except above will not be accepted.

(iii) The amount will be refunded to the unsuccessful tenderers on deciding about the acceptance or otherwise of the tender. In case of successful tenderer, it will be refunded on his paying initial Security Deposit and completing the tender documents in form B-1.

(iv) In case of Joint Venture Earnest money Exemption certificate in individual Capacity will not be accepted. Earnest money, Security Deposit, additional security deposit etc. in the form of T.D.R/F.D.R issued in the name of Joint Venture Company drawn by scheduled bank having branches in Maharashtra and endorsed, in the name of **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** for the period of one year will be considered

1.9 A SECURITY DEPOSIT:

(i) The successful tenderer whose tender is accepted will have to pay **Rs.** towards the Security Deposit

(ii) **Rs./-** is to be deposited in cash or bank guarantee of scheduled bank, F.D.R. of the scheduled bank / National Saving Certificate duly pledged in the name of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM Integrated Unit (M) P.W Nagpur towards the initial Security Deposit, valid within the time limit prescribed in clause 1 of B-1 Form, agreement till completion of defect liabilities period failing which his earnest money will be forfeited to Government.

(iii) In addition to the above, an amount of **Rs./-** will be deducted from the running bills at 2 % of value of the gross bill towards balance security deposit. This is a compulsory deduction.

1.9. B. Condition for payment of additional security deposit, if offer quoted by the tenderer is lesser than 15% below the cost put to tender.

The contractor shall deposit an additional security deposit along with the security deposit as per clause 1.9 within 10 days of acceptance of tender in the form of Bank guarantee, when the below percentage quoted is more than 15% of cost put to tender.

The amount of security deposit shall be worked out as per following formula.

$$\text{Additional Security Deposit} = \text{Rs. } \frac{[\% \text{ rate quoted by the contractor} - 15]}{100} \times 50/100 \times$$

Cost put tender (i.e. Rs. 987291-)

If the contractor does not deposit this additional security deposit (if applicable) within stipulated time then his earnest money deposit will be forfeited and his tender will not be considered for acceptance.

This additional security deposit shall be extendable up to expiry of valid extensions if any and it shall be refunded along with the final bill, after satisfactory completion of work.

1.10 ISSUE OF FORMS:

Information regarding contract as well as blank tender forms can be downloaded from the eTendering website upon providing the details of the payment of cost as detailed in the N.I.T.

1.11 TIME LIMIT:

The work is to be completed within time limit as specified in the N.I.T. which shall be reckoned from the date of written order for commencing the work and shall be inclusive of monsoon period.

1.12 TENDER RATE:

No alteration in the form of tender and the schedule of tender and no additions in the scope of special stipulations will be permitted. Rates quoted for the tender shall be taken as applicable for all leads and lifts.

1.13 TENDER UNITS:

The tenderers should particularly note the units mentioned in the Schedule "B" on which the rates are based. No change in the units shall be allowed. In the case of difference between the rates written in figures and in words, the correct rate will be the one, which is lower of the two.

1.14 CORRECTION:

No corrections shall be made in the tender documents. Any corrections that are to be made shall be made by crossing the incorrect portion and writing the correct portions above with the initials of tenderer.

1.15 TENDER'S ACCEPTANCE :

Acceptance of tender will rest with SARPANCH/SACHIV GRAMPANCHAYAT DADHAM who reserves the right to reject any or all tenders without assigning any reason therefor. The tenderer whose tender is accepted will have to enter in to a regular B-1 agreement within 10 days of being notified to do so. In case of failure on the part of Tenderer to sign the agreement within the stipulated time, the earnest money paid by him shall stand forfeited to the Government and the offer of the tenderer shall be considered as withdrawn by him.

1.16 CONDITIONAL TENDER :

The tenders who do not fulfil the condition of the notification and the general rules and directions for the guidance of contractor in the agreement form or are incomplete in any respect are likely to be rejected without assigning any reason therefore.

1.17(a) The Tenderers shall be presumed to have carefully examined the drawings, conditions and specifications of the work and have fully acquainted themselves with all details of the site, the conditions of rock and its joints, pattern, river, weather characteristics, labour conditions and in general with all the necessary information and data pertaining to the work, prior to tendering for the work.

1.17(b) The data whatsoever supplied by the Department along with the tender documents are meant to serve only as guide for the tenderers while tendering and the Department accepts no responsibility whatsoever either for the accuracy of data or for their comprehensiveness.

1.17(c) The quarries for extraction of metal, murum etc. provided in the sanctioned estimate are as per survey conducted by the Department. The Contractor should however examine these quarries and see whether full quantity of materials required for execution of the work strictly as per specification are available in these source before quoting the rates. In case the materials are not available due to reasons whatsoever, the contractor will have to bring the materials from any other source with no extra cost to Government. The rates quoted, should therefore be for all leads and lifts from wherever the materials are brought at site of work and inclusive of royalty to be paid to the Revenue Department by the Contractor.

POWER OF ATTORNEY:

If the tenderers are a firm or company, they should in their forwarding letter mention the names of all the partners together with the name of the person who holds the power of

Attorney, authorizing him to conduct all transactions on behalf of the body, along with the tender.

- 1.19 The tenderer may, in the forwarding letter, mention any points are may wish to make clear but the right is reserved to reject the same or the whole of the tender if the same becomes conditional tender thereby.
- 1.20 The contractor or the firms tendering for the work shall inform the Department if they appoint their authorized Agent on the work.
- 1.21 No foreign exchange will be released by the Department for the purchase of plants and machinery for the work by the Contractor.
- 1.22 Any dues arising out of contract will be recovered from the contractor as arrears of Land Revenue, if not paid amicably. Moreover, recovery of Government dues from the Contractors will be affected from the payment due to the Contractor from any other Government works under execution with them.
- 1.23 All pages of tender documents, conditions, specifications, correction slips etc. shall be initialled by the tenderer. The tender should bear full signature of the tenderer, or his authorized power of Attorney holder in case of a firm.
- 1.24 The Income Tax at 2.30 % including surcharge or percentage in force from time to time or at the rate as intimated by the competent Income Tax authority shall be deducted from bill amount whether measured bill, advance payment or secured advance.
- 1.25 The successful tenderer will be required to produce, to the satisfaction of the specified concerned authority a valid concurrent license issued in his favour under the provisions of the Contract Labour (Regulation and Abolition) Act 1970 for starting the work. On failure to do so, the acceptance of the tender shall be liable to be withdrawn and also liable for forfeiture of the earnest money.
- 1.26 The tenderer shall submit the list of apprentices engaged by the Contractor under Apprentice Act.
- 1.27 Cess @ 1% (One percent) shall be deducted at source from every bill of the Contractor by the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM Under " Building and Other Construction for workers Welfare Cess Act 1996

1.28 VALIDITY PERIOD :

The offer shall remain open for acceptance for minimum period of 120 days from the Date of opening of Envelope No. 2 (Financial Bid) and thereafter until it is withdrawn by the contractor by notice in writing duly addressed to the authority opening the tender and sent by Registered Post Acknowledgment due.

500/- Rs. Bond

नमुना सत्य प्रतिज्ञा लेख

सत्य प्रतिज्ञा लेख (Affidavit)

1. मी वय वर्ष राहणार
.....या सत्य प्रतिज्ञा लेखाद्वारे लिहून देतो कि मी /.....या
कंपनीचा/फर्मचा प्रोप्रायटर/भागीदार असून
.....या कामासाठी निविदा सादर केली आहे .ह्या
निविदेच्या Envelope no.1 मध्ये जी कागदपत्रे सादर केली आहेत ती खरी ,बरोबर व पूर्ण आहेत .ह्या
मध्ये कोणत्याही त्रुटी,चुका नाहीत असे शपथपूर्वक मान्य करीत आहे .ह्या कागद पत्रांमध्ये काही चुकीची
दिशाभूल करणारी ,खोटी तसेच अपूर्ण माहिती आढळल्यास मी कायदेशीर कार्यवाहीस पात्र आहे व राहिल .

कंत्राटदाराची सही

100/- Rs. Bond

परिशिष्ट -२

सुशिक्षित बेरोजगार अभियंतांनी/ई-निविदेत भाग घेताना प्रत्येक कामासोबत सादर करावयाचे

बंधपत्र

बंधपत्र

- मी शपथ पत्र लिहून देतो कि, माझी सुशिक्षित बेरोजगार अभियंता अंतर्गत वर्ग -४ मधील नोंदणी दि.....पर्यंत ग्राह्य आहे सध्यास्थितीत मी कोणत्याही शासकीय /निमशासकीय /खाजगी संस्थेत कार्यरत नाही तसेच मी कोणतेही पुढील शिक्षण घेत नसून सदर काम मी स्वतः करणार आहे .

उपरोक्त बाबतीत असत्यता आढळून आल्यास होणार्या कार्यवाहीस मी व्यक्तीशा जबाबदार राहील .

असत्यतेमुळे माझी सुशिक्षित बेरोजगार अभियंता म्हणून नोंदणी रद्द करण्यात आल्यास माझी कोणतीही हरकत असणार नाही .

स्वाक्षरी

नाव :

दिनांक :

ठिकाण :

SCOPE OF WORK & SITE CONDITION

Name of work: -	
Location	SARPANCH/SACHIV GRAMPANCHAYAT DADHAM

Broad Provisions Proposed for execution

FORM B-1

GRAMPANCHAYAT DADHAM

PERCENTAGE RATE E-TENDER AND CONTRACT FOR WORK.

General Rules And Directions For The Guidance Of Contractors.

- 1) All work proposed to be executed by contract shall be notified in a form of invitation to E-tender pasted on a board hung up in the office of the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** and signed by the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**. Or his authorized representative

The form will state the work to be carried out as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of security deposit to be deposited by the successful tenderer and the percentage. If any, to be deducted from bills. Copies of the specifications, designs and drawings and estimates rates, scheduled rates and any other documents required in connection with the work which will be signed by the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** for the purpose of Identification shall also be opened for inspection by contractors at the office of the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** during office hours.

- 2) In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof, and in the event of the absence of any partner it shall be signed on his behalf by a person holding a power of attorney authorizing him to do so.

- 2 (A) (i) The Contractor shall pay along with the Tender the sum of **Rs. 1 %** as and by way of earnest money. The contractor may pay the said amount by forwarding along with the tender the said amount of Demand Draft by a scheduled Bank for the said amount and duly endorsed in the name of **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**. The said amount of earnest money shall not carry any interest whatsoever.

- ii) In the event of his tender being accepted, subject to the provision of sub clause (iii) below, the said amount of earnest money shall be appropriated/adjusted towards the amount of security deposit payable by him under condition of General Conditions of Contract.

- iii) If after submitting the tender, the contractor withdraws his offer or modifies the same or if after the acceptance of his Tender, the Contractor fails or neglects to furnish the balance of security deposit, without prejudice to any other rights and powers of the Government hereunder, or in law Government shall be entitled to forfeit the full amount of the earnest money deposited by him.

- iv) In the event of his Tender not being accepted, the amount of earnest money deposited by the contractor shall, unless, it is prior there to forfeited under the provisions of sub-clause (iii) above, be refunded to him on his as per prevailing rules.
- 3) Receipt for payments made on account of any work, when executed by a firm should also be signed by all the partners, except where the contractors are described in their tender as a firm, in which case the receipts shall be signed in the name of the firm by one of the partners, or by some other person having authority to give effectual receipts for the firm.
- 4) Any person who submits a tender shall fill up the usual printed form including the column total according of estimated quantities stating at what rate he is willing to undertake each item of the work. Tenders which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit a separate tender for each. Tenders shall have the name and the number of work to which they refer written outside the envelope.
- 5) E-Tender opening procedure as per Schedule..
- 6) The Officer competent to dispose of the tenders shall have the right of rejecting all or any of the tenders.
- 7) No receipt for any payment alleged to have been made by a contractor in regard to any matter relating to this tender or the contract shall be valid and binding on Z. P. unless it is signed
- 8) The memorandum of the work to be tendered for and the schedule of materials to be supplied by the their rates shall be filled in and completed by the office of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM before the tender form is issued. If a form issued to an intending tenderer has not been so filled in and completed, he shall request the said officer to have done this before he completes and delivers his tender.
- 9) All work shall be measured net by standard measure and according to the rules and customs of **the Z P Works Department** without reference to any local custom.
- 10) Under no circumstances shall any contractor be entitled to claim enhanced rates for any items in this contract.
- 11) All correction and additions or pasted slips should be initialed.

12) The measurement of work will be taken according to the usual method in use in the **Z.P. Works Department** and no proposal to adopt alternative methods will be accepted. The SARPANCH/SACHIV GRAMPANCHAYAT DADHAM's decision as to what is "the usual method in use in the Z P Works Department" will be final.

- a) The contractor shall give a list of machinery in their possession and which they propose to use on the work.
 - b) The contractor will have to construct shed for storing materials procured by him at his own cost at the work site having double locking arrangement. The materials will be taken to use in the presence of the department person. No materials will be allowed to be removed from the site of the work.
- 13) The tenders will be liable to be rejected, if while submitting it, the tenderer or in the case of a firm each partner thereof does not sign or the signature/signatures is/are not attested by a witness on page (-----) of the tender in the space provided for the purpose.
- a) If Government machinery is available and the contractor desired to have it for work on the project it may be hired to him subject of the rules and hire charges that may be laid down by the Government from time to time during the currency of tender.
 - b) No Security deposit will be taken from the Contractor, so long as the machinery is worked by the departmental staff and under the entire control of department and is not handed over to the contractor at all for operation by his crew and staff and the charges for the use of machinery are levied on hour basis and as per prevailing schedule of rate for hire charges.
 - c) The machinery should be worked only where the departmental staff is confident to use it safely and never in difficult situation and dangerous spots.
 - d) The recovery of plant hour charges will be immediately made through the next R.A. Bills.
- 14) The tendering Contractor shall furnish a declaration along with the tender showing all works for which he has already entered into contract, and the value of the work that remains to be executed in each case on the date of submitting the tender.
- 15) Every tenderer shall submit along with the tender information regarding the Income Tax circle, or ward of the district in which he is assessed to Income-Tax, the reference to number of the assessment and the assessment year.
- 16) In view of the difficult position regarding the availability of foreign exchange, no

foreign exchange would be released by the department for the purchase of plant and machinery required for the execution of the work contracted for.

- 17) The contractor will have to construct shed for storing controlled and valuable materials required for the work, the materials will then be taken for use in the presence of the departmental person. No materials also will be allowed to be removed from the site of works.
- 18) The tendering contractor should furnish a detailed statement of works in hand showing the costs of works in hand and the works completed against each with certificate from head of the office concerned.
- 19) In case of Joint venture the copy of registered partnership deed and certificate of Registration from Assistant Registrar of firms shall be produced at the time of purchasing of tender form and also in envelope No.1.
- 20) Two or more contractors of any class may combine and tender for a work costing to the amounts upto which each individual contractor or the higher of two limits, if they are of different categories are empowered to tender as per the original registration provided.
 - (i) The combination is of the contractor as a whole and not individual partners and.
 - (ii) They draw a registered partnership deed and submit a copy thereof to the authority at the time of purchase of the tender forms.
- 21) Whenever the advantage of such combination of two or more contractors is to be taken for quoting for this work where in only the individual contractor of higher category is eligible to quote, it should be ensured that the registered partnership deed should be irrevocable till the completion of this work for which they have combined and till all the liabilities there of are liquidated and the share of the contractor of the higher category should not be less than 50%. Further, the percentage share of the contractor of the lower category in such a partnership/combination, should not be more than his limit of eligibility to quote for works divided by the estimated cost of work put to tender (i.e. when such a percentage is applied to the cost of the work, his share of cost should not exceed his own eligibility limit of tendering for works.)
 - (2) Grouping of plants and machineries owned by individual Contractors executing joint Venture will be considered.
 - (3) Earnest money exemption certificate in individual capacity will not be accepted in case of joint Venture. Earnest money in form of D.D issued in the name of Joint-Venture Company drawn by the Schedule Bank having branches in Maharashtra and endorsed in the name of **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**

TENDER FOR WORKS

I/We hereby tender for the execution, for the Governor of Maharashtra (herein before and hereinafter referred to as “Government”) of the work specified in the under written memorandum within the time specified in such memorandum at *()* in figure as well as in words_____

Percent below/above the estimated rates entered in Schedule ‘B’ (Memorandum showing items of work to be carried out) and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule 1 hereof and in Clause 13 of the annexed conditions of contract. And agree that when materials for the work are provided by Government such materials and rates to be paid for them shall has as provided in Schedule ‘A’ hereto.

MEMORANDUM

- a) If several sub-works are included : **General Description:**
they should be detailed in a separate List
- b) Estimated Cost. : **Rs. 987291/-**
- c) The amount of earnest money to be : Earnest Money **Rs. 1 %**
deposited shall be in accordance with
the provisions of Maharashtra Zilla Parishad .
& Panchayat Samiti Account code-1968 .
- d) This deposits shall be in accordance : **Security Deposit** 4%
with. Maharashtra Zilla Parishad & Panchayat i) Cash **Rs. 19745/-**
Samiti Account code-1968
ii) To be deducted **Rs. 19745/-**
from running bills

Total Rs34491
=====
- e) This percentage where no security : Percentage, if any, to be deducted from
deposit is taken will vary from 5% bills so as to make up the total amount
to 10% according to the requirement required as Security deposit by time, half
of the case. Where security deposit the work as measured by the cost, is done,
is taken as note to Clause 1 of (4 %) **Four** percent.
conditions of contract.
- f) Give schedule where necessary- : f) Time allowed for the work from date of written
order
dates by which various to commence -----Months including Monsoon.
items are to be completed.

Should this tender be accepted I/We hereby agree that this offer shall remain open for acceptance for a minimum period of 90 days from the day fixed for opening the same and thereafter until it is withdrawn by me/us by notice in writing duly addressed to the authority opening the tenders and sent by registered post A.D. or otherwise delivered at the office of such authority.

Treasury challan No._____ dated _____ or Term Deposit receipt, for period of the year issued by a scheduled bank and duly endorsed in the name of **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** a sum of **Rs.-----** representing the earnest money is herewith forwarded. The amount of earnest money shall not bear interest and shall be liable to be forfeited to the Government should I/We fail to (1) abide by the stipulation to keep the offer open for the period mentioned above or (2) sign and complete the contract documents required by the Engineer and furnish the security deposit it as specific in term (d) of memorandum contained in paragraph I above within the time limit laid down in clause (i) of the annexed general conditions of the contract. The amount of earnest money may be adjusted

towards the security deposit or refunded to me/us if so desired by me/us in writing unless the same or any part thereof has been forfeited as aforesaid

I/We have secured exemption from payment of earnest money after executing the necessary bond in favour of the Government a true copy of which is enclosed herewith, should any occasion for forfeiture of earnest money for this work arise due to failure on my/our part to (1) abide by the stipulation to keep the offer open for the period mentioned above - or (2) sign and complete the contract documents and furnish the security deposit as specified in item (d) of the memorandum contained in paragraph I above within the time limit laid down in clause (1) of the annexed General conditions of the contract, the amount payable by me/us may, at the option of the Engineer, be recovered out of the amount deposited in lump sum for securing exemption in so far as the same may extend in terms of the said bond and in the event of the deficiency out of any other money which are due or payable to me/us by the Government under any other contract or transaction of any nature whatsoever or otherwise.

Should this tender be accepted I/We hereby agree to abide by and fulfill all the terms and provision of the conditions of contract annexed hereto so far as applicable and in default to forfeit and pay to government the sum of money mentioned in the said condition. Receipt No. _____ dated _____ from the government Treasury at in respect of sum of Rs.----- forwarded representing the earnest money (a) the full value of which is to be absolutely forfeited to Government should I/we not deposit the fully amount of security specified in the above memorandum in accordance with Clause 1 (A) of the said conditions of the contract, otherwise the said sum of Rs----- shall be refunded.

Contractor
(Address)

+ **Signature of Contractor**
before submission of Tender.

Dated the

day of

20

(Witness)

+ **Signature of Witness**
to Contractors Signature.

(Address)
(Occupation)

Signature of the Officers
by whom accepted.

The above tender is hereby accepted by me on behalf of Government of Maharashtra.

SARPANCH/SACHIV

GRAMPANCHAYAT DADHAM

Dated the _____ day of _____ 20

Contractor

No. of Corrections

Executive Engineer

CONDITIONS OF CONTRACT

Clause 1 :-The person/persons whose tender may be accepted (herein after called the contractor, which expression shall unless excluded by or repugnant to the context include his, heirs, executors, administrators, contractor and assigns) shall (A) within 10 days (which may be extended by the Superintending Engineer concerned, upto 15 days if the Superintending Engineer thinks fit to do so) of the receipt by him of the notification of the acceptance of his tender deposit with the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM in cash or Govt. securities endorsed to the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM (if deposited for more than 12 months) of sum sufficient which will make up the full security deposit specified in the tender or (B) (Permit Government at the time of making any payment to him for work done under the contract to deduct such as will amount to four percent of all moneys so payable such deduction to be held by Government by way of security deposit) provided always that in the event of the contractor depositing a lump sum by way of security deposit as contemplated at (A) above, then and in such case, if the sum so deposited shall not amount to Four percent, of the total estimated cost of the work, it shall be lawful for Government at the time of making any payment to the contractor for work done under the contract to make up the full amount of two percent by deducting a sufficient sum from every such payment as last aforesaid until the full amount of the security deposit is made up. All compensation or other sum of money payable by the contractor to Government under the terms of his Contract may be deducted from or paid by the sale of sufficient part of his security deposit or from the interest arising therefrom or from any sums which may be due or may become due by Government to the Contractor under any other contract or transaction of any nature on any account whatsoever, and in the event of his security deposit being reduced by reason of any

Security Deposits

Contractor

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Executive Engineer

such deduction or sale as aforesaid, the contractor shall, within ten days thereafter, make good in cash or Government securities endorsed as aforesaid any sum or sums which may have been deducted from or raised by sale of his security deposits or any part thereof. The Security Deposit referred to when paid in cash may, at the cost of depositor, be converted into interest bearing securities provided that the depositor has expressly desired this in writing.

If the amount of the Security Deposit to be paid in lump sum within the period specified at (A) above is not paid, the Tender/Contract already accepted shall be considered as cancelled and legal step will be taken against the contractor for recovery of the amounts. The amount of the Security Deposit lodged by a contractor shall be refunded along with the Payment of the final bill, if the date upto which the contractor has agreed to maintain the work in good order is over. If such date is not over, only 50% amount of security deposit shall be refunded along with the payment of the final bill. The amount of security deposit retained by the Government shall be released after expiry of period upto which the contractor has agreed to maintain the work in good order is over. In the event of the contractor failing or neglecting to complete rectification work within the period upto order, then, subject to provisions of clauses 17 and 20 hereof the amount of Security Deposit retained by Government shall be adjusted towards the excess cost incurred by the department on rectification work *+ This will be the same percentage as that in the tender act (e).

Clause 2 :- The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall be reckoned from the date on which the order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceeded with, all due diligence (time being deemed to be of

Compensation of delay.

Contractor

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Executive Engineer

the contractor) and the contractor shall pay as compensation an amount as the (whose decision in writing shall be final) may decide, of the amount of the estimated cost of the whole work as shown by the tender for every day that work remains uncommenced, or unfinished, after the proper dated. And further to ensure good progress during the execution of the works, the contractor shall be bound in all cases, in which the time allowed for any work exceeds one month to complete.

+ 1/4th of work in 1/3rd of the time limit
3/5th of work in 2/3rd of the time limit
Full work --- (-----) **Month**

+Note :- The quality of work to be done within a particular time to be specified above shall be fixed by the officer competent to accept the contracts after taking into consideration the circumstances of each case and inserted in the blank space kept for the purpose and abide by the programme of detailed progress laid down .

The following proportion will usually be found suitable :-
In 1/3, 2/3 of the time

Reasonable progress of earth work:	1/4, 3/4 of total value of the work to be done.
Reasonable progress of masonry work:	3/10, 4/10, 9/10 of total value of the work to be done.

In the event of the contractor failing to comply with these conditions he shall be liable to pay as compensation an amount equal to one percent, or such smaller amounts as the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**(whose decision in writing shall be final) may decide of the said estimated cost of the whole work for every day that the due quantity of work remains incomplete. Provided always that the total amount of compensation to be paid under provision of this clause shall not exceed 10 percent

Contractor

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Executive Engineer

of the estimated cost of the work shown in the tender.
SARPANCH/SACHIV GRAMPANCHAYAT DADHAM should be the final authority in this respect irrespective of the fact that the tender is accepted by Sub-Divisional Engineer.

Clause 3 :- In any case in which under any clause or clauses of this contract the contractor shall have rendered himself liable to pay compensation amounting to the whole of his Security Deposit (whether paid in one sum or deducted by installments) or in the case of abandonment of the work owing to serious illness or death of the contract or any other cause, the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM on behalf of the Governor of Maharashtra, shall have power to adopt of the following courses as he may deem best suited to the interests of Government.

a) To rescind the contract (of which rescission in writing to the contractor under the hand of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM shall be conclusive evidence) and in that case the security deposit of the Contractor shall stand forfeited and be absolutely at the disposal of Government.

b) To carry out the work or any part of the work departmentally debiting the contractor which the cost of the work, expenditure incurred on tools and plant, and charges on additional supervisory staff including the cost of work charged establishment employed for getting the departmentally in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of the contract. The certificate of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM as to all the cost of the work and other allied expenses so included and the value of the work so done departmentally shall be final and conclusive against the contractor.

Action when whole of Security Deposit is forfeited.

c) To order that the work of the contractor be measured up and to take such part thereof as shall be unexecuted out of his hands and to give it to another contractor to complete, in which case all expenses incurred on advertisement for fixing a new contracting agency, additional supervisory staff including the cost of work charged establishment and cost of the work executed by the new contract agency will be debited to contractor and the value of the work done or executed through the new contractor shall be credited to the contractor in all respects and in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his contract. The certificate of the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** as to all the cost of the work and other expenses incurred as aforesaid for or in getting the unexecuted work done by the new contractor and as the value of the work so done shall be final and conclusive against the contractor.

In case the contract shall be rescinded under clause (a) above, the contractor shall not be entitled to recover or be paid any sum for any work thereto for actually performed by him under this contract unless and until the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** shall have certified in writing the performance of the such work and the amount payable to him in respect thereof and he shall only be entitled to paid the amount so certified. In the event of either of the courses referred to in clause (b) or (c) being adopted and the cost of the work executed departmentally or through a new contractor and other allied expenses exceeding the value of such work credited to the contractor, the amount of excess value shall be deducted from any money due to the contractor by the Govt. under the contract or otherwise. Howsoever or from his security deposit or the sale proceeds thereof provided howsoever, that the contractor shall have no

Contractor

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Executive Engineer

claim against Government even if certified value of the work done departmentally or through a new contractor except the certified cost of such work and allied expenses provided always that whichever of the three courses mentioned in clause (a), (b) or (c) is adopted by the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** the contractor shall have no claim to compunction for any loss sustained by him reason of him having no claim to compensation for any materials, or entered into engagement or made any advance on account of or with a view of the execution of the work or the performance of contract.

Clause 4 :- If the progress of any particular portion of the work is unsatisfactory the Executive Engineer shall not with standing the general progress of the work is satisfactory in accordance with clause 2, be entitled to take action under clause 3(b) after giving the contractor 10 days notice in writing and the contractor will have no claim for compensation for any loss sustained by him owing to such action.

Action when the progress of any particular portion of the work is unsatisfactory.

Clause 5 :- In any case in which any of the powers conferred upon the Executive Engineer by Clause 3 and 4 hereof shall have become exercisable and the same shall not been exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall not withstanding be exercisable in any future case of default by the contractor for which by under any clause or clauses hereof he is declared liable to pay compensation amounting to the whole of his security deposit and the liability of the contractor for past and future compensation shall remain unaffected. In the event of the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** taking action under sub-

Contractor remains liable to pay compensation if action not taken under clause 3 & 4 Power to take possession of or require removal of or sell contractor's plant.

Contractor

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Executive Engineer

clause (a) or (c) clause (3) he may, if he so desires, take possession of all or any tools plant, materials and stores in or upon the works or the site thereof or belonging to the Contractor, or procured by him and intended to be used for the execution of the work or any part thereof, paying or allowing, for the same in account at the contract rates, or in case of contract rates not being applicable at current market rates, to be certified by the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM whose certificate thereof shall be final. In the alternative the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM may after giving notice in writing to the contractor or to his clerk of the works, foreman or other authorized agent require him to remove such tools, plant, materials or stores from the premises within a time to be specified in such notice and in the event of contractor failing to comply with any such requisition the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM may remove them at the contractor's expenses or sale them by auction or private sale, on account of the contractor at his risk in all respects, and the certificate of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale be final and conclusive against the contractor.

Clause 6 :- If the Contractor shall desire an extension **Extension of time.** of the time for completion of the work on the ground of his having unavoidably hindered init execution or on and the other ground, he shall apply in writing to the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM before the expiration of the period stipulated in the tender or before the expiration of 30 days from the date to which he was hindered as aforesaid or on which the cause for asking extension occurred, whichever is earlier and the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM may, if in his opinion there are reasonable ground for granting an extension, grant such extension as he thinks necessary or proper. The decision of the, P.W. Region, Nagpur in this matter shall be final.

Clause 6-A :- In the case of delay in handing over the land required for the work due to unforeseen cause, the contractor shall not be entitled for any compensation whatsoever from the Government on the ground that the machinery or the labor was idle for certain period. Contractor may, however apply for extension of time limit which may be granted on the merit of the case.

Clause 7 :- On completion of the work the contractor **Final Certificate.**

Contractor

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shall be furnished with a certificate by the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM(Hereinafter called the Engineer-in-charge) in such completion but no certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall have

been executed all scaffolding surplus materials and rubbish and shall have cleaned of the dirt from all wood work, doors, windows, floors or other parts of any building, in or upon which the work has been executed, or on which he may have had possession for the purpose of executing the work nor until the work shall have been measured by the Engineer-in-charge or where the measurements have been taken by his subordinates until they have received the approval of the Engineer-in-charge or where the measurements have been taken by his subordinates until they have received the approval of the Engineer-In-Charge, the said measurements being binding and conclusive against the contractor. If the contractor shall fail to comply with the requirements of this clause as to the removal of scaffolding, surplus material and rubbish, and cleaning off dirt on or before the date fixed for the completion of the work. The Engineer-in-charge may at the expense of the contractor, remove such scaffolding, surplus materials and rubbish, and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall forthwith pay the amount of all expenses so incurred but shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause 8 :- No payment shall be made for any work estimated to cost less than Rs. One thousand, after the whole of the said work shall have been completed and a certificate of completion given. But in the case of the works estimated to cost more than Rs. One thousand, the contractor shall on submitting a monthly bill therefore, be entitled to receive payment proportionate to the part of the work then approved and passed by the Engineer-in-charge, whose certificate of such approval and passing of the sum payable shall be final and conclusive against the contractor. All such intermediate payment shall be regarded as payments by way of advance against the final payments only and not preclude the Engineer-in-charge from requiring any bad unsound, imperfect or unskillful work to be removed and taken away and reconstructed, or reacted, nor shall any such payment be considered as an admission of the due performance of the contract or any part thereof, in any respect or the occurring of any claim, nor shall it conclude, determine or affect in any way the powers of the Engineer-in-charge as to final settlement and adjustment of the accounts or otherwise, or in any other way vary or affect the contract. The final bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise the Engineer-in-charge's certificate of the measurement and of the total amount payable for the work shall be final and binding on all parties.

Payments on intermediate Certificate to be regarded as advances.

Clause 9:- The rates for several items of work estimated to cost more than Rs. One Thousand agreed to within, shall be valid only when the item concerned is accepted

Payments at reduced rates on account of items of work not accepted as completed

as having been completed fully in accordance with the **to beat the discretion of** sanctioned specifications. In case where the items of **the Engineer-in-charge.**

work are not accepted as so completed the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in preparation of final or on account bills.

Clause 10 :- A bill shall be submitted by be contractor **Bill to be submitted**
each month on or before the date fixed by the Engineer-in-charge **monthly.**
for all work executed in the previous month, and the Engineer-in-charge shall take or cause to be taken the requisite measurement for the purpose of having the same verified and the claim so far as it is admissible shall be adjusted, if possible, within 10 days from the presentation of the bill, if the contractor does not submit the bill within time fixed as aforesaid, the Executive-in-charge may depute a subordinate to measure up the said work the presence of the contractor or his duly authorized agent whose counter signature to the measurement list shall be sufficient warrant, and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

Clause 11 :- The Contractor shall submit all bills on the **Bill to be on printed**
printed forms to be had on application at the office of the Engineer-in **from.**
-charge. The charges to be made in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in pursuance of these condition and not mentioned or provided for in the tender, at the rate hereinafter provided for such work.

Clause 12 :- If the specification or estimate of the work provides **Store supplied by**
for the use of any special description of materials to be supplied from **Government.**
the P.W.D. store or if it is required that the contractor shall use certain stores, and the prices to be charged therefore as hereinafter mentioned being so far as practicable for the convenience of the contractor but not so as in any way to control the meaning or effect of this contract specified in the schedule or memorandum hereto annexed) the contractor shall be supplied with such materials and stores as may be required from time to time to be used by him for the purposes of the contract only, and the value of the full quantity of materials and stores so supplied shall be set off or reduced from any sums them due, or otherwise, or from the security deposit, or the proceeds of sale thereof, if the deposit is held in Government securities the same or a sufficient portion thereof shall in that case be sold for the purpose. All materials supplied to the contractor shall remain the absolute property of Government and shall on no account be removed from the site of the work and shall at all times be open to inspection by the Engineer-In-Charge. Any such materials unused and is perfectly in good condition at the time of completion or determination of the contract shall be returned to the Z.P. Works Departments store, if the Engineer-In-Charge so requires by a notice in writing given under his hand, but remaining unused by him or for any wastage in or damage thereto.

Clause 13 :- The contractor shall execute the whole and every part of the work like manner and both as regards materials and every other respect in strict accordance with specifications. The contractor shall also confirm exactly fully and faithfully to the designs, and drawings and instructions in writing relating to the work signed by the Engineer-in-charge and lodged in his office and to which the contractor shall be entitled to have access for the purpose of inspection at such office or at the site of work during office hours. The contractor will be entitled to receive three sets of contract drawings and working drawings as well as one certified copy of the accepted tender along with the work order free of cost. Further copies of the contract drawings and working drawings if required by him, shall be supplied at the rate of Rs. 500/- per set of contract drawing and Rs. 500/- per working drawing except where otherwise specified.

Work to be executed in accordance with specifications, drawings, orders etc.

Clause 14 :- The Engineer-in-charge shall have power to make any alterations in, or additions to or drawing design and instructions that may the original specifications, appear to him to be necessary or advisable during the progress of the work and the contractor shall be bound to carry out the work in accordance with any instructions in writing signed by the Engineer -in-charge and such alterations shall not invalidate the contract, and any additional work which the contractor may be directed to do in the manner above specified as a part of the work shall be carried out by the contractor in the same conditions in all respects on which he agreed to the main work and at the same rates as per specified in the tender for the main work. And if the additional or altered work, includes any class of work for which no rate is specified in this contract, then such class of work shall be carried out at the rates entered in schedule of rates of the division or at the rate mutually agreed upon rates between the Engineer-in-charge and the contractor which ever are lower. If the additional or altered work for which no rate is entered in the Schedule of rates of the Division, is ordered to be

Alterations in specifications & designs not to invalidate contract.

Rate for works not entered in the estimate on schedule of rate of the district.

carried out before the rates are agreed upon, then the contractor shall within 7 days of the date of receipt by him of order to carry out work inform the Engineer-in-charge of the rates which if is his intention to charge for such class of work, and arrange to carry it out in such manner as he may consider advisable, provided always that if the contractor shall commence work or incur any expenditure in regard thereto before the rate shall have been determined as lastly here in before mentioned then in such case he shall only entitled to be paid in respect if the work carried out or expenditure incurred by him prior to the date of the determination of the rate as aforesaid according to such rate or rates as shall be fixed by the Engineer-in-charge. In the event of a dispute the decision of the Superintending Engineer of the Circle will be final.

Where however, the work is to be executed according to the designs, drawings, and specifications recommended by the contractor and accepted by the competent authority the alterations above referred to shall be within the scope of such designs, drawings, and specifications to the tender.

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The time limit for the completion of work shall be extended in the proportion that the increase in its cost occasioned by alterations or additions bears to the cost of the original contract work, and the certificate of the Engineer-in-charge as to such proportion shall be conclusive.

Extension of time in consequence of additions or alterations.

Clause 15 :- (1) If at any time after the execution of the contract documents, the Engineer shall for any reason whatsoever (other than default on the part of the contractor and for which Government is entitled to rescind the contract) desire

No claim to any payment or compensation for alteration in or restriction of work

that the whole or any part of the work specified in the tender should be suspended or that the whole or part of the work should not be carried out at all he shall give to the contractor a notice in writing of such desire and upon the receipt of such notice the contractor shall forthwith suspend or stop the work wholly or in part as required, after having due regard to the appropriate state at which the work should be suspended so as not to cause any damage or injury to the work already done or endanger the safety

thereof injury to the work already done or endanger the safety thereof provided that the decision of the Engineer as to the stage at which the work or any part of it could be or could have been safely stopped or suspended shall be final and conclusive against the contractor. The contractor shall have no claim to any payment or compensation whatsoever by reason of or in pursuance of any notice as aforesaid on account of any suspension, stoppage or curtailment except to the extent specified here-in-after.

(2) Where the total suspension of the work ordered as aforesaid continued for a continuous period exceeding 90 days, the contractor shall be at liberty to withdraw from the contractual obligations under the contract so far as it pertains to the unexecuted part of the work by giving a 10 days prior notice in writing to the Engineer, within 30 days of the expiry or expiry of the said period of 90 days, of such intention and requiring the Engineer to record the final measurements of the work already done and to pay the final bill. Upon given such notice, the contractor shall be deemed to have been discharged from his obligation to complete the remaining unexecuted work under this contract on receipt of such notice the Engineer shall proceed to complete the measurement and make such payment as may be finally due to the contractor within a period of 90 days from the receipt of such notice in respect of the work already done by the contractor. Such payment shall not in any manner prejudice the right of the contractor to any further compensation under the remaining provision of this clause.

(3) Where the Engineer requires the contractor to suspend the work for a period in excess of 30 days at any time or 60 days in the aggregate, the contractor shall be entitled to apply to the Engineer within 30 days of the resumption of the work after such suspension for payment of compensation to the extent of pecuniary loss suffered by him in respect of working

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machinery rendered idle on the site or on account of his having, have to pay the salary or wages of labour engaged by him during the said period of suspension. Provided always that the contractor shall not be entitled to any claim in respect of any such working machinery, salary or wages for the first 30 days whether consecutive or in the aggregate of such suspension or in respect of any suspension whatsoever occasioned by unsatisfactory work or any other default on his part. The decision of the Engineer in this regard shall be final and conclusive against the contractor.

(4) In the event of

- i) Any total stoppage of work on notice from the Engineer under sub-clause (1) in that behalf.
- ii) Withdrawal by the contractor from the contractual obligation to complete the remaining unexecuted work under sub-clause (2) on account of continued suspension of work for a period exceeding 90 days.
- iii) Curtailment in the quantity of an item or items originally tendered on account of any alteration, omission or substitutions in the specifications, drawings, designs or instructions under clause 14(1) where such curtailment exceeds 25% at the rates for the items specified in the tender is more than **Rs. Five thousand/-**

It shall be open to the contractor within 90 days from the service of (i) the notice of stoppage of work or (ii) the notice of withdrawal from the contractual obligation under the contract on account of the continued suspension of the work or (iii) notice under clause 14(1) resulting such curtailment or produce to the Engineer Satisfactory documentary evidence that he had purchased or agreed to purchase material for use in the contracted work, before receipt by him of the notice of stoppage, suspension or curtailment and require the government to take over on payment such material at the rates determined by the Engineer. Provided however such rates shall in no case exceed the rates at which the same were acquired by the contractor. The Government shall thereafter take over the material so offered, provided the quantities offered are not in excess of the requirement of the unexecuted work as specified in the accepted tender and are of quality and specification approved by the Engineer.

Clause 16 :- Under no circumstances whatsoever shall the contractor be entitled to any compensation from **Time limit for unforeseen claims.**

Government on any account unless the contractor shall have submitted claim in writing to the Engineer-in-charge within one month of the cause of such claim occurring.

Clause 17 :- If any time before the Security Deposit or any part thereof is refunded to the contractor it shall appear to the Engineer-in-charge or his subordinate **Action, compensation payable in case of bad work.**

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incharge of the work, that any work has been executed with unsound, imperfect unskillful workmanship or with materials of inferior quality, or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted for, or are otherwise not in accordance with the contractor, it shall be lawful for the Engineer-in-charge to intimate this fact in writing to the contractor and then notwithstanding the fact that work, materials or articles complained of may have been inadvertently passed, certified and paid for, the contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require or if so required, shall remove the materials or articles so specified and provided other proper and suitable materials or articles at his own charge and cost and in the event of his failing to do so within a period to be specified by the Engineer-in-charge in the written intimation aforesaid, the contractor shall be liable to pay compensation at the rate of 1% on the amount of the estimate for every day not exceeding 10 days, during which the failure so continues and in the case of any such failure the Engineer-in-charge may rectify or remove and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractors should the Engineer-in-charge consider that any such inferior work or materials as described above may be accepted or made use of it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause 18 :- All works under or in course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of the Engineer-In-Charge and his sub-ordinates, and the contractor shall at all times during the usual working hours, and at all other times at which reasonable notice of the intention of the Engineer-in-charge or his subordinates to visit the works shall have been given to the contractor, either himself be present to receive order and instructions or have a responsible agent duly accredited in writing, present for the purpose. Orders given to the contractor's duly authorized agent shall be considered to have the same force and effect as if they had been given to the contractor himself.	Work to be open to Inspection. Contractor or responsible agent to be present.
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Clause 19 :- The Contractor shall give not less than 5 days notice in writing to the Engineer-in-charge or his subordinates in charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and same is so covered up or placed beyond the reach of measurement any work without the consent in writing of the Engineer-in-charge or his subordinate in charge of the work and if any work shall be covered up or placed beyond the reach of measurement without such notice having been given or consent obtained, the same shall be uncovered at the contractor's expense and in default thereof no payment or allowance shall be made for such work or for the materials with which the same was executed.	Notice to be given before the work is covered up.
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Clause 20 :- The defect Liability period will be applicable as per G R no.CAT-1087/CR-94/Bldg-2 Dated 14/06/1989 & Board-RMR	Contractor liable for damage done and for
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1089/case-13/Rd-1 Dated 31/03/1998 & PWD
Circular dated 21-11-2011 as the work may be.

imperfection.

Type of work	Particular of work	D&L Period
Building	New constuction	One Year
Building	Repairs	Two years
Roads	New constuction	Two years
Roads	Maintance	Two years
Bridge	New constuction	Five years
Bridge	Special repair	Two years
Bridge	Ordinary repair	Two years

As above, If during Period of defect liability period the said work is defective in any manner whatsoever, the contractor shall forthwith on receipt of notice in that behalf from the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM, duly commence execution and completely carry out at his cost in every respect all the work that may be necessary for rectifying and setting right the defects specified therein including dismounting and reconstruction of unsafe portions strictly in accordance with and in the manner prescribed and under the supervision of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM. In the event of the contractor failing or neglecting to commence execution of the said rectification work within the period prescribed therefore in the said notice, the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM may get the same executed and carried out departmentally or by any other agency at the risk on account and at the cost of the contractor. The contractor shall forthwith on demand pay to the government the amount of such costs, charges and expenses sustained or the amount of such costs, charges and expenses sustained or incurred by the government of which the certificate of the Executive Engineer shall be final and binding on the contractor. Such costs, charges and expenses shall be deemed to be arrears of land revenue and in the event of contractor failing or neglecting to commence execution of the said rectification work within the period prescribed therefore in the said notice and/or to complete the same as aforesaid as required by the said notice, the Executive Engineer get the same executed and carried out departmentally or by any other agency at the risk on account and at the cost of the contractor.

The contractor shall forthwith on demand pay to the government the amount of such costs, charges and expenses sustained or the amount of such costs, charges and expenses sustained or incurred by the government of which the certificate of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM shall be final and binding on the contractor. Such costs, charges and expenses shall be deemed to be arrears of land revenue and in the event of contractor failing or neglecting to pay the same on demand as aforesaid without prejudice to any other rights and remedies of the government, the same on demand as aforesaid without prejudice to any other rights and remedies of the government, the same may be recovered from the contractor as arrears of land revenue. The government shall also be entitled to deduct the same from any amount which may then be payable or which may thereafter becomes payable by government to the contractor either in respect of the said work or any other work whatsoever, or from the amount of the security deposit retained by government.

Clause 21 :- The contractor shall supply at his own cost all materials (except such special materials if any) as **Contractor to supply plant, ladders, scaffolding etc.**

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may be supplied from the Z P Works Stores, in accordance with the contract), plant, tools, appliances, implements, ladders, cordage, tackle, scaffolding and any temporary works which may be required for the proper execution of the work, in the original, altered or substituted from, whether included in the specification or other documents forming part of the contract or referred to in these conditions or not and which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-charge as to any matter on which under these conditions he is entitled to be satisfied, or which he entitled to require together with carriage therefor, to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose of setting out work, and counting, weighing and assisting in the measurement or examination at any time and from time to time of the work or materials. Failing this the same may be provided by the Engineer-in-charge at the expenses of the contractor and the expenses may be deducted from any money due to the contractor under the contract or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The contractor shall provide all necessary fencing and lights required to protect the Public from accident and shall also be bound to bear the expenses of defence every suit, action or other legal proceedings at law that may be brought by any person for injury sustained owing to the neglect of the above precautions, and to pay damages and cost such person or which may with the consent of the contractor be paid in compromising any claim by any such person.

Clause 21-A :- The contractor shall provide suitable scaffolds and working platforms, gangways and stairways and shall comply with the following regulations in connection therewith.

- a) Suitable scaffolds shall be provided for workman for all work that cannot be safely done from a ladder or by other means.
- b) A scaffold shall not be constructed, taken down or substantially altered except.
 - i) Under the supervision of a competent and responsible person, and
 - ii) As far as possible by competent workers possessing adequate experience in this kind of work.
- c) All scaffolds and appliance connected therewith and all leaders shall
 - i) be of sound material
 - ii) be of adequate strength having regard to the loads and strains to which they will be subjected, and
 - iii) be maintained in proper condition
- d) Scaffolds shall be so constructed that no part thereof can be displaced in consequence of normal use.

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- e) Scaffolds shall not be overloaded and as far as practicable the load shall be evenly distributed.
- f) Before installing lifting gear on scaffolds special precaution shall be taken to ensure the strength and stability of the scaffolds.
- g) Scaffolds shall be periodically inspected by a competent person
- h) Before allowing a scaffold to be used by his workmen the contractor shall check where the scaffold has been erected by his workmen or not take steps to ensure that it complies fully with the regulations herein specified.
- i) Working platforms, gangways and gangways shall
 - i) be so constructed that no part thereof can sag unduly or unequally.
 - ii) be so constructed and maintained having regard to the prevailing conditions as to reduce as far as practicable risks of persons tripping or slipping, and
 - iii) be kept free from any unnecessary obstructions.
- j) In the case of working platforms, gangways, working places and stairways at a height exceeding 3 meters. (to be specified).
 - i) every working platform and every gangways shall have to be closely boarded unless other adequate measures are taken to ensure.
 - ii) every working platform are gangways, shall have adequate width and.
 - iii) every working platform, gangways, working places, stairway shall be suitably fenced.
- k) Every opening in the floor of the building or in working platform shall except for the time and to the extent required to allow the access or persons or the transport or shifting of materials be provided with suitable means to prevent the fall of persons or materials.
- l) When persons are employed on a roof where there is danger of falling from a height exceeding 3 meters suitable precaution (to be prescribed) shall be taken to prevent the fall of persons or materials.

- m) Suitable precautions shall be taken to prevent persons being struck by articles which might fall from scaffolds or other working place.
- n) Safe means of access shall be provided to all working platforms and other working places.

Clause 21 B :- The contractor shall comply with the following regulations as regards the hoisting appliances to be used by him.

- (a) Hoisting machines and tackle, including their attachment, anchorages and supports shall
 - (i) be of good mechanical construction, sound material and adequate strength and free from patent defect and
 - (ii) be kept in good repair and in good working order
- (b) Every rope used in hoisting or lowering material or as a means of suspension shall be of suitable quality and adequate strength and free from patent defect.
- (c) Hoisting machines and tackle shall be and adequately tested after erected on the site and before and be re-examined in position at intervals to be prescribed by the government.
- (d) Every chain, ring hook shackle, swivel and pulley block used in hoisting or lowering of materials or as a means of suspension shall be periodically examined.
- (e) Every crane driver or hoisting appliances operator shall be properly qualified.
- (f) No person who is below the age of 21 years shall be in control of any hoisting machine, including any scaffolds, which give signals to the operator.
- (g) In the case of every hoisting machine and of every chain, ring, hook, shackle, swivel and pulley block used on hoisting or lowering or as a means of suspension the safe working load shall be ascertained by adequate means.
- (h) Every hoisting machine and all gear referred to in the preceding regulation shall be plainly marked with the safe working load.
- i) In the case of hoisting machine having available safe working load, each safe working load and the condition under which it is applicable shall be clearly indicated.

- j) No part of any hoisting machine or of any gear referred to in regulation of above shall be loaded beyond the safe working load except for the purpose of testing.
- k) Motors, gearing transmissions, electric wiring and wiring and other dangerous part of hoisting appliances shall be provided with efficient safe guards.
- l) Hoisting appliances shall be provided with such means as will reduce to a minimum risk of the accidental descent of the load.
- m) Adequate precautions shall be taken to reduce to a minimum the risk of any part of a suspended load becoming accidentally displace.

Clause 22 :- The contractor shall not set fire to any standing jungle, tree, brush wood or grass without a written permit from the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM. When such permit is given and also in all cases when destroying cut or dug up trees, brush wood, grass etc. by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property.

Measure for prevention of fire.

The contractor shall make his own arrangements for drinking water for the labour employed by him.

Clause 23 :- Compensation for all damage done intentionally or unintentionally by contractor's labour whether in or beyond the limits of Govt. property including any damage caused by the spreading of fire mentioned in clause 22 shall be estimated by the Engineer-in-charge or such other officer as he may appoint and the estimates of the Engineer-in-charge subject to the decision of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM. On appeal shall be final and the contractor shall be bound to pay the amount of the assessed compensation on demand failing which the same will be recovered from the contractor as damages in the manner prescribed in clause 1 or deducted by the Engineer -in-charge from any sums that may be due to or become due from government to the contractor under this contract or otherwise.

Liability of contractors for any damage done in or outside work area.

The Contractor shall bear the expenses of defending any action or other legal proceedings that may be brought by any person for injury sustained by him owing to neglect of precautions to prevent the spread of fire and he shall also pay any damages and cost that may be awarded by court in consequence.

Clause 24 :- The employment of female labourers on works in the neighborhood of soldiers barracks should be avoided as far as possible.

Employment of female labour.

Clause 25 :- No work shall be done on a Sunday without the sanction in writing of the Engineer-in-charge.

Work on Sunday.

Clause 26 :- The contract shall not be assigned or sublet without the written approval of the Engineer-in-charge. And if the contractor shall assign or sublet his contract, or attempt so to do, or become insolvent or commence any proceedings to be adjudicated and insolvent or make any composition with his creditors, or attempt so to do the Engineer-in-charge may be notice in writing, rescind the contract. Also if any bribe, gratuity, gift, loan, perquisite, regard or advantage, pecuniary or otherwise, shall either directly or indirectly be given, promised, or offered by the contractor or any of his servants or agents to any public officer or person in the employment, of the Government in any way relating to his office or employment, or way directly or

Work not to be sublet.

ded and Security Deposit indirectly interested in the contract, the Engineer-in-charge may notice in writing rescind the contract. In the event of a contract being rescinded, the Security Deposit of the contractor shall there upon stand forfeited and be absolutely at the disposal of the Government and same consequences shall ensure as if the contract had been rescinded under clause 3 hereof and in addition the contractor shall not be entitled to recover or be paid for any work therefore actually performed under the contract.

Contractor may be rescind-if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in-charge may notice in writing rescind the contract. In the event of a contract being rescinded, the Security Deposit of the contractor shall there upon stand forfeited and be absolutely at the disposal of the Government and same consequences shall ensure as if the contract had been rescinded under clause 3 hereof and in addition the contractor shall not be entitled to recover or be paid for any work therefore actually performed under the contract.

Clause 27 :- All sums payable by a contractor by way of compensation under any of these conditions shall be considered as a reasonable compensation to be applied to the use of Government without reference to the actual loss or damage sustained and whether any damage has or has not been sustained.

Sum payable by way of compensation to be considered as reasonable compensation without reference to actual loss

Clause 28 :- In the case of a tender by partners any change in the constitution of a firm shall be forthwith notified by the contractor to the Engineer-in-charge for his information.

Changes in the constitution of the firm to be notified.

Clause 29 :- All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** of the Circle for the time being, who shall be entitled to direct at what point or point and in what manner they are to be commenced and from time to time carried on.

Clause 30 :- Except where otherwise specified in the contract and subject to the powers delegated to him by Government under the code rules then in force, the decision of th

SARPANCH/SACHIV GRAMPANCHAYAT DADHAM for the time being shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs, drawings and instruction herein before mentioned and as to the quality of the workmanship or material used on the work, or as to any other question, claim, right, matter or things whatsoever, in any way arising out of, or relating to the contract designs, drawing, specifications, estimates, instructions, orders or these conditions, or otherwise concerning the works, or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof.

2) The contractor may within thirty days of receipt by him of any order passed by the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**. as aforesaid appeal against it to the CEO concerned with the contract, work or project provided that

- a) The accepted value of the contract exceeds Rs. 10/- lakhs (Rupees Ten Lakhs).
- b) Amount of claim is not less than Rs. 1.00 Lakh (Rupees One lakhs)

3) If the contractor is not satisfied with the order passed by the Commissioner as aforesaid the contractor may within thirty days of receipt by him of any such order, appeal against it to the concerned CEO. who, if convinced that prima-facie the contractors claim rejected by the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** is not frivolous and that there is some substance in the claim of the contractor as would merit a detailed examination and decision by the Standing Committee, shall put up to the Standing Committee at Government level for suitable decision.

Clause 31 :- The contractor shall obtain from the Z. P . **Store of European or American manufacture to be obtained from the Govt.** stores all stores and articles of European or American manufacture which may be required for the work, or any part of the work or in making up any article s required therefore or in connection therewith unless he has obtained permission in writing from the Engineer-in-charge to obtain such stores and articles elsewhere. The value of such stores and articles as may be supplied to the contractor by Engineer-in-

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charge will be debited to the contractor in his account at the rates shown in the Schedule in form “A” attached to contract, and if they are not entered in the said Schedule, they shall be debited to him at cost price which for the propose of this contract shall include the cost of carriage and all other expenses whatsoever, which may have to be incurred in obtaining delivery of the same as the stores aforesaid.

Clause 32 :- When the estimate on which a tender is made **Lump sums in estimates.** includes lump sumps in respect of parts of the work the contractor shall be entitled to payment in respect of items of work involved or the part of the work in question at the same rates as are payable under this contract for such items, or if the part of the work question is not in the opining of the Engineer-in-charge capable of measurement the Engineer-in-charge may at his discretion pay the lump sum amount entered in the estimate, and the certificate in writing of the Engineer-in-charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of this clause.

Clause 33 :-In the case of any class of work for which there is no such specification as in mentioned in Rule-1 such work shall be carried out in accordance with the Divisional Specifications, and in the event of there being no Divisional Specifications, then in such case the work shall be carried out in all respects in accordance with the instruction and requirement of the Engineer-in-charge. **Action where no specifications.**

Clause 34 :-The expression ‘works’ or ‘work’ where used in these condition shall, unless there be something in the subject or context repugnant to such construction be construed to mean the work or the works contracted to be executed under or in virtue of the contract, whether temporary or permanent and whether original, altered, substituted or additional. **Definition of work.**

Clause 35 :- The percentage referred to in the tender shall be deducted from/added to the gross amount of the bill before deducting the value of any stock issued. **Contractor’s percentage whether applied to net or gross amount of bill.**

Clause 36 :- All quarry fees, royalties, and ground rent for stacking materials if any, should be paid by the contractor. **Quarry fees & royalties.**

Clause 37 :- The contractor shall be responsible for and shall pay compensation to his workmen payable under the **Compensation under Workmen’s Compensation**

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Workmen's Compensation Act. 1923 (VIII of 1923), (herein **Act.**
after called the said Act) for injuries caused to the workmen's. If such Compensation is payable and or paid by Government as principal under the subsection (1) of section 12 of the said Act on behalf of the contractor, this shall be recoverable by Government from the contractor under sub section (2) of the said section. Such compensation shall be recovered in the manner laid down in clause I above.

Clause 37-A :- The contractor shall be responsible for and shall pay expenses of providing Medical aid to any workmen who may suffer a bodily injury as a result of an accident. If such expenses are incurred by Government the same shall be recoverable from the contractor forthwith and be deducted without prejudice to any other remedy of Government from any amount due or that may become due to the contractor.

Clause 37-B :- The contractor shall provide all necessary personal safety equipment and first-aid apparatus available for the use of the persons employed on the site and shall maintain the same in condition suitable for immediate use at any time and shall comply with the following regulation in connection therewith -

- a) The worker shall be required to use the equipment so provided by the contractor and the contractor shall take adequate steps to ensure proper use of the equipment by those concerned.
- b) When work is carried on in proximity to any place where there is no risk of drawing, all necessary equipments shall be provided and kept ready for use and all necessary steps shall be taken for the prompt rescue of any person in danger.
- c) Adequate provision shall be made for prompt first-aid treatment for all injuries likely to be sustained during the course of the work.

Clause 37-C :- The contractor shall duly comply with the provision of 'The Apprentices Act. 1961 (III of 1961), the rules made there under and the orders that may be issued from time to time under the said Act and the said Rules and on his failure or neglect to do so he shall be subject to all the liabilities and penalties provided by the said Act and said Rules'.

Clause 38 :- (1) Quantities in respect of the several items shown in the tender are approximate and no revision in the tendered rates shall be permitted in respect of any of the items so long as, subject to any special provision contained in the specification prescribing a different percentage of permissible variation, the quantity of the items does not exceed the tender quantity by more than 25% and so long as the value of the excess quantity beyond this limit, at the rate of the items specified in the tender, is not more than Rs. 5,000/-.

**Claim for quantity of
works entered in the
tender or estimate.**

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2) The contractor shall if ordered in writing by the Engineer, so to do also carry out any quantities in excess of the limit mentioned in Sub-Clause (1) here of on the same conditions as and in accordance with the specifications in the tender and at the rates (i) derived from the rates entered in the current schedule of rates and in the absence of such rates (ii) at the rate prevailing in market, the said rates being increased or decreased as the case may be, by the percentage which the total tendered amount bears to the estimate cost of the work as put to tender, based upon the Schedule of rates (**CSR of ----- w.e.f. Dt. -----**) applicable to the year in which the tenders were invited (for the purpose of operation of this clause, this cost shall be taken to be **Rs.....**)

3) Claim arising out of reduction in the tendered quantity of any item beyond 25 percent will be governed by the provisions of clause 15 only when the amount of such reduction beyond 25% at the rate of the item specified in the tender is more than **Rs. 5,000-00.**

Clause 41 :- The contractor shall employ any famine, convict or other labour of a particular kind of class if ordered in writing to do so by the Engineer-in-charge.

Employment of female or other labour.

Clause 41 :- No compensation shall be allowed for any delay caused in the starting of the work on account of acquisition land and in the case of the clearance work of any delay in according sanction to estimates.

Claim for compensation for delay in starting work.

Clause 41 :- No compensation shall be allowed for any delay in execution of the work on account of water standing in borrow pits or compartments. The rates are inclusive for hard or cracked soil excavation in mud, subsoil water or water standing in borrow pits and no claim for an extra rate shall be entertained, unless otherwise expressly specified.

Claim for compensation for delay in the execution of work.

Clause 42 :- The Contractor shall not enter upon on commence any portion of work except with the written authority and instructions of the Engineer-in-charge or of his subordinate incharge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

Minimum age of persons employed, the employment of donkey and/or other animals and the payment of fair wages.

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Clause 43 :- (i) No contractor shall employ any person who is under the age of **18** years.

Minimum age of persons employed, the employment

(ii) No contractor shall employ donkeys or other animals with breeching of string or thin rope. The breeching must be at lease 3 inches wide and should be of tape (Newar).

of donkey and/or other animals and the payment of fair wages.

(iii) No animal suffering from sores; lameness or emaciation or which is immature shall be employed on the work.

(iv) The Engineer-in-charge or his agent authorized to remove from work any person or animal found working which does not satisfy these conditions and no responsibility shall be accepted by the Government for any delay caused in the completion of the work by such removal.

(v) The contractor shall pay fair and reasonable wages to the workmen employed by him in the contract undertaken by him. In the event of any dispute arising between the contractor and his workmen on the grounds that the wages paid are not fair and reasonable, the dispute shall be referred without delay to the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM who shall decide the same. The decision of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM, shall be conclusive and binding on the contractor, but such decision shall not in any way affect the condition in the contract regarding the payment to be made by the Government at the sanctioned tender rates.

(vi) The contractor shall provide drinking water facilities to the workers. Similar amenities shall be provided to the workers engaged on large work in urban areas.

Clause 44 :- Payment to contractors shall be made by cheques **Method of Payment.**
drawn on district fund within the district convenient to them.

Clause 45 :- Any contractor who does not accept these conditions shall not be allowed to tender for works.

Acceptance of conditions compulsory before tendering the work.

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Clause 46 :- If Government declare a state of scarcity or famine to exist in any village situated within 10 miles of

Employment of scarcity labour.

work, the contractor shall employ upon such parts of the work as suitable for unskilled labour any person certified to him by the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM or by any person to whom SARPANCH/SACHIV GRAMPANCHAYAT DADHAM may have delegated this duty in writing to be in need of relief and shall be bound to pay to such persons wages not below minimum which may arise in connection with the implementation of this clause shall be decided by the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM whose decision shall be final and binding on the contractor.

Clause 47 :- The price quoted by the contractor shall not in any case exceed the control price, if any, fixed by Government or reasonable price which is permissible for him to charge as private purchaser for the same class and description of goods under the provisions of Hoarding and profiteering Prevention Ordinance, 1984 as amended from time to time. If the price quoted exceeds the controlled price of the price permissible under Hoarding and Profiteering prevention Ordinance, the contractor will specifically mention this fact in his tender alongwith reasons for quoting such higher price. The purchaser at his discretion will in such case exercises the right of revising the price at any stage so as to confirm with the controlled price on the permissible under the Hoarding and Profiteering Prevention Ordinance. This discretion will be exercised without prejudice to any other action that may be taken against the contractor.

Clause 48 :- The rates to be quoted by the contractor must be inclusive of sales tax. No extra payment on this account will be made to the contractor.

Clause 48 A:- The contractors are bound to pay to the labourers wages according to the Minimum Wages Act, 1948 applicable to the Zone in Accordance with the order issued in Government PWD/Circular No. MWA/1063, dated 7-12-1968.

Clause 49 :- In case of materials that remain surplus with the contractor for those issued for the work contracted from the date of ascertaining of the materials being surplus be taken as the date of sale for the purpose of sales tax and the sale tax will be recovered on such sale.

Clause 49-A :- Deleted

Clause 50 :- The contractor shall employ the unskilled labour to be employed by him on the said work only from locally available labours and shall give preference to those persons enrolled under Maharashtra

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Government Employment and Self Employment Departments Scheme. Provided, however that if the required unskilled labours are not available locally, the contractor shall in the first instance employ such number of persons as is available and thereafter may with previous permission. In writing of the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM-in-charge of the said work, obtain the rest of requirement of unskilled the labour from outside the above scheme.

Clause 51 :- Deleted

Clause 52 :- All amounts whatsoever which the contractor is liable to pay to the Government in connection with the execution of the work including the amount payable in respect of

(1) Material and or stores supplied/issued hereunder by the Government to the contractor.

(2) Hire charges in respect of heavy plant, machinery and equipment given on hire by the Government to the Contractor, for execution by him of the work and/or on which the advance have been given by the Government to the contractor shall be deemed to be arrears of the land revenue and the Government may without prejudice to any other rights and remedies of the Government recover the same from the contractor as arrears of land revenue.

Clause 53 :- The contractor shall duly comply with all the provisions of the Contract Labour (Regulation and Abolition) Act 1970, (37 of 1970 and the Maharashtra Contract Labour (Regulation and Abolition) Rules, 1971 as amended from time to time and all other relevant statutes and statutory provisions concerning payment of workers employed by him on the site of the work at the rates prescribed under the Maharashtra contract Labour (Regulation and Abolition) Rules 1971. If the contractor fails or neglects to pay wages at the said rates or make short payment and the Government makes such payment of wages in full or part thereof less paid by the contractor, as the case may be the amount so paid by the Government to such workers shall be deemed to be arrears of land revenue and the government shall be entitled to recover the same as such from the contractor or deduct the same from the amount payable by the Government to the contractor hereunder or from any other amounts payable to him by the Government. (Minimum wages act as per Government Circular CAT/1284/(120)/Building Dt. 14/8/1988).

Clause 53-A :- Deleted

Clause 54- :- Deleted

Clause 55 :-

- A) The anti-malaria and other health measures shall be as directed by the Joint Director (Malaria and Filariasis) of Health Services, Pune.
- B) Contractor shall see that Mosquitogenic conditions are not created so as to keep vector population for minimum level.
- C) Contractor shall carry out anti malaria measures in the area as per guidelines prescribed under National Malaria (M & F) of health Services, Pune.
- D) In case of a default in carrying out prescribed anti malaria measures resulting in increase in malaria incidence contractor shall be liable to pay to Government the amounts spent by Govt. on anti malaria measures to control the situation in addition on fine.
- E) **Relations with Public Authorities :** The contractor shall make sufficient arrangements for draining away the sludge water as well as water coming from the bathing and washing places and shall dispose off this water in such a way as not to cause any substance. He shall also keep the premise clean by employing sufficient number of sweepers. The contractor shall comply with all rules, regulations, bylaws and directions given from time to time by any local or public authority in connection with this work and shall pay fees or charges which are leviable on him without any extra cost of Government. (Vide Govt. Circular No. CST-1086/CR-243/Ka-Bldg-2/Mantralaya Mumbai 410032 dt. 11.8.87)

Clause 56 :- A contractor shall comply with all the provisions of the Apprentices Act. 1961 and the Rules and Orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the SARPANCH/SACHIV GRAMPANCHAYAT DADHAMay, in his discretion, cancel the contract. The contractor shall also be liable for an pecuniary liability arising on account of any violation by him of the provision of the (vide Govt. Circular No. CST - 1086/CR-243 Ka-Building-2/Mantralaya, Bombay-410 032, dated 11 Sept. 1987).

Clause 57 :- The tender rates are inclusive of all taxes, rates, and cesses and are also inclusive of s leviable tax in respect of sale by transfer of property in goods involved in the execution of a work contract under the provision of Rule 58

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Maharashtra Value added Tax Act 2005, for the purpose of levy of Tax"

Clause 58 :- In case of materials which become surplus with the contractors from those issued for the work contracted for the date of ascertainment of the materials as being surplus will be taken as the date of sale for the purpose of sales tax and sales tax will be recovered on such sale.

Clause 59 :- Quality Assurance and Maintenance Manual:-

ANNEXURE “A” : (Annexure to the PWD, Circular No. CAT-1091/CR-60-Bldg-2 Dt. 14th October 1991, regarding incorporating additional condition for Quality Assurance and Maintenance Manual).

To ensure the specified quality of work which will also include necessary survey temporary works etc. the contractor shall prepare a quality assurance plan and get, the same provided from the Engineer-In-Charge within one month from the date of work order. For this contractor shall submit an organisation chart of his technical personnel to be deployed on the work alongwith their qualification, job descriptions defining the functions of reporting supervising inspecting and approving. The contractor shall also submit a list of tools equipment and the machinery and instrumentation which he proposes to use for the construction and for testing in the field and/or in the Laboratory and monitoring. The contractor shall modify/supplement the organisation chart and the list of machinery/ equipment etc. as per the direction of the Superintending Engineer and shall deploy the persons and equipment on the fields as per the approved chart and the list respectively. The Contractor shall submit written method statements dealing his exact proposal of execution of the work in accordance with the specification. He will have to get these approved from the Engineer-In-Charge. The quality of the work shall be properly documented through certificate, records, checks list, and Log Book of results etc. such records shall be complied from the beginning of the work and be continuously updated the supplementary and this will be the responsibility of the contractor. The forms should be got approved from the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM-In-Charge.

2) Where the work is to be done on lump-sum basis on contractors designs. The contractor shall also submit a maintenance manual giving procedure. For maintenance, with the periodicity of maintenance works including inspection tools of the equipments to be used means of accessibility for all parts of the structure. He shall also include in the manual, the specification for maintenance works that would be appropriate for his design the technique of construction. This manual shall be submitted within the contract period.

Clause 60: It is obligatory on the part of agency to procure R.C.C. pipe (ISI marked) required for the work from the M.S.S.I.D.C. only. The proof of such procurement like bill of M.S.S.I.D.C. certification of the Divisional Manager M.S.S.I.D.C. to that effect will have to be

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enclosed alongwith the bill pertaining to the work concerned. The payment towards the procurement of R.C.C. pipes and also items, in which the use of R.C.C. pipes is contemplated would be released only after fulfillment of the conditions, laid down as above.

***Note :** In case, provision of this form B-1 conflicts with those in detailed cyclostyled provision and condition attached to this tender, the detailed cyclostyled provision and condition would prevail over those in this form.*

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GENERAL CONDITIONS OF CONTRACT

1) Authority of the Engineer-in-charge.

- 1.1) Save, in so far as it is legally or physically impossible, the contractor shall execute, complete and maintain the works in strict accordance with the contract under the directions and to the entire satisfaction of the Engineer-In-Charge and shall comply with and adhere strictly to the Engineer-In-Charge's instructions, and directions on any matter (whether mentioned in the contract or not pertaining to this works)
- 1.2) The Engineer-In-Charge shall decide all questions which may arise as to quality and acceptability of materials furnished and work executed, manner of execution, rate of progress of the works, interpretation of the plans and specifications and acceptability of fulfillment of the contractor on the part of the contractor. He shall determine the amount and quality of the work performed and materials furnished and his decision and measurements shall be final. In all such matters and in any technical questions which may arise touching the contract, his decision shall be binding on the contractor.
- 1.3) The Engineer-in-charge shall have the power to enforce such decision and orders if the contractor fails to carry them out promptly. If the contractor fails to execute the work ordered by the Engineer-in-charge may give notice to the contractor specifying a reasonable period therein and on the expiry of the period proceed to execute such work as may be deemed necessary and recover the cost thereof from the contractor.

1.4) Authorities of the Engineer-in-charge's Representative :

The duties of the representative of the Engineer-in-charge are to watch and supervise the work and to test and examine and materials to be used for workmanship employed in connection with the works.

- 1.5) The Engineer-in-charge may from time to time, in writing, delegate to his representative any of the powers and authorities vested in the Engineer-in-charge and shall furnish to the contractor a copy of all such delegations of powers and authorities.
Any written instruction of approval given by the representative of the Engineer-on-charge to the contractor within the terms of such delegations (but not otherwise) shall bind the contractor and the department as through, it had been given by the Engineer-in-charge, provided always as follows :
 - a) Failure of the representative of the Engineer-in-charge to disapprove any work or materials shall not prejudice the power of the Engineer-in-charge thereafter to disapprove such work or materials and to order to pulling down, removal or breaking up thereof.

- b) If the contractor is dissatisfied with any decision of the representative of the Engineer-in-charge, he shall be entitled to refer the matter to the Engineer-in-charge, who shall there upon confirm, reverse or vary such decision.

2) Other conditions for submission of Tender.

- 2.1) The Contractor shall be deemed to have carefully examined the work and site conditions including labour, the general and the special conditions, the specifications, schedules and drawings and shall be deemed to have visited the site of the work and to have fully informed himself regarding the local conditions carried out his own investigation to arrive at the rates quotes in the tenders. In this regard, he will be given necessary information to the best of knowledge of department, but without any guarantee about it.
- 2.2) It is presumed that the contractor has carefully gone through the works specifications, P.W.D. Handbook M.O.S.T. specifications and the schedule of rates of the division and studied the site conditions before arriving at the rates quoted by him.

3) Treasure trove :

In the event of discovery by the contractor or his employees during the progress of the works of the any treasure, fossils, minerals or any other articles of value or interest, the contractor shall give immediate intimation there of to the Engineer and alongwith make over to the Engineer this representative such treasure or things which shall be the property of Government.

3.A) Layout of work :

Layout of the work will be done by the Contractor in consultation with the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM, of the Department or his representative. Some permanent marks should however be established to indicate the demarcation of the structure or any component there of made to this permanent marks in measurement books and drawing, signed by the contractor and the departmental officer. Responsibility regarding layout will be joint.

4) Agent and work order book :

- 4.1) The contractor shall himself engage an authorized all time agent on the work capable of managing and guiding the work and understanding the specifications and contract condition. A qualified and experienced Engineer be provided by the contractor as his agent for technical matters in case the Engineer-in-charge consider this as essential for the work and so directs the contractor. Agent will take orders as will be given by the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM or his representative and shall be responsible for carrying them out. The agent and/or site Engineer shall not be changed without prior intimation to the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM and his representative on the work site. The Engineer-in-charge have the unquestionable right to ask for changes in the quality and strength of Contractors supervisory staff and to order removal from work of any of such staff. The contractor shall comply with such order and effect replacements of the satisfaction of the Engineer-in-charge.

4.2 A work order book shall be maintained on site and it shall be the property Government and the contractor shall promptly sign the order given therein by the Engineer or his authorized representative or his superior officer, and comply with them. The compliance shall be reported by contractor to the Engineer-in-charge in good time so that it can be checked. The blank work order book, with machine numbered pages in quadruplicate with perforated sheets for three copies to be detached, will be provided by the department free of charge for this purpose. The contractor will be allowed to copy out the instructions therein from time to time.

5) Initial measurement for record :

Where for proper measurement of the work it is necessary to have an initial set of levels or other measurement taken the same as recorded in the authorized field book or M.B. of Government by the Engineer or his authorized representative will be signed by the contractor who will be entitled to have a true copy of same made at his cost. Any failure on the part of the contractor to get such level etc. recorded before starting the work will tender him liable to accept the decision of the Engineer as to the basis of taking measurements. Likewise the contractor will not cover any work which will render its subsequent measurement difficult or impossible without first getting the same jointly measured by himself and the authorized representatives of the Engineer. The record of such measurements on the Government side will be signed by the contractor and he will be entitled to have a true copy of the same made at his cost.

6) Custody of work:

All work and materials before being finally taken over by Government will be the entire liability of the contractor for guarding, maintaining and making good any damages of any magnitude. It is however, to be understood that before taking over such work. Government will not put it to regular use as distinct from casual or incidental use, except as specially mentioned elsewhere in this contract or as mutually agreed to.

7) Co-ordinations :

When several agencies for different sub works of the project are to work simultaneously on the project site, the contractor shall render full co-ordination for achieving proper co-ordination between different contractors to ensure timely completion of the whole project smoothly. The scheduled dates for completion specified in each contract shall, therefore, be strictly adhered to. Each contractor may make his independent arrangements for water, power, access, housing etc. if they so desired but if they so desire on the other hand the contractor are at liberty to come to mutual agreement on his behalf and make joint agreement with the approval of the Engineer-in-charge. The contractor shall not take or cause to be taken any steps or action that may cause disruption, discontent, disturbance to work, labour or other arrangements etc. of other contractors in the project localities. Any action by the Contractors which the Engineer-in-charge in his unquestioned discretion, may consider infringement of the above code would be considered as a breach of the contract conditions and shall be dealt with accordingly.

In case of any dispute or disagreement between the various contractors, the Engineer-in-charge decisions regarding the coordination, co-operation and facilities to be provided by any of the contractor shall be final and binding on the contractor concerned & such a decision or

decisions shall not vitiate contract nor absolve the contractor of his obligations under the contract, nor form the grounds for any claim or compensation.

8) Patented Devices, Materials and Process :

Whenever the contractor desires to use any designed device, material or process covered by letter of patent copy right, the right for such use shall be secured by suitable legal arrangement and agreement with patent owners and the copy of their agreement shall be filed with Engineer-in-charge it so desired by later.

9) Relation with Public Authorities :-

The contractor shall comply with all rules, regulations, by law and directions, given from time-to-time by any local or public authority or body in connection with this work and shall himself pay fees or charges which are leviable on him with out any extra cost to Government.

10) Indemnity :

The contractor shall indemnify the Government against all action, suits, claims and demands brought or made against in respect it in respect of anything done or committed to done by the contractor in execution of or in connection with the work of this contract any against any loss or damage to the Government in consequences to any action or suit being brought against contractor for anything done or committed to be done in the execution of this contract. The Government may, at its discretion and entirely at the cost of contractor, defend such suit either jointly with the contractor or singly, in case the letter chooses not to defend the case.

11) Stacking, Storage and guarding of materials:

11.1) The stacking and storage of materials at site shall be in such a manner as to prevent determination or intrusion of foreign matter and to ensure the preservation of their quality, properties and fitness of the work. Suitable precautions shall be taken by the taken by the contractor to protect against atmospheric actions, fire and other hazard. The materials likely to be carried away by wind shall be stored in suitable stores or with suitable barricades and where there is likelihood of subsidence of soil, heavy materials shall be stored on paved platforms. Suitable separating barricades and enclosures as directed shall be provided to separate materials brought by contractor and obtained from different sources of supply.

11.2) The contractor shall at his own expenses, engage watchmen for guarding the materials and plant and machinery and the work during day and night against any pilferage or damage and also for prohibiting trespassers.

11.3) No materials brought to the site shall be removed from the site without the prior approval of the Engineer-in-charge.

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12) Inspection of work by Engineer-in-charge.

- 12.1) The contractor shall inform the Engineer-in-charge in writing when any portion of the work is ready for inspection giving him sufficient notice to enable him to inspect the same without affection the further progress of the work.
- 12.2) The contractor shall provide at his cost necessary ladders and such arrangements as are considered safe by the Engineer-in-charge for proper inspection of all parts of the work by the local representatives, M.L.A's and officers etc. No compensation shall be paid to the contractor on this account.

13) Precaution to be taken by contractor:

- 13.1) The work shall be carried out by the contractor without causing damage to the existing Government property and/or private property. If any such damage are caused, the contractor shall pay for restoration of (the properly to the original conditions, and any other consequent damages.)
- 13.2) In the event of an occurrence of an accident, involving serious injured or death of any person, at site of work or quarry or at any place in connection with the work the same shall be reported in writing within twenty four hours of the occurrence to the Engineer-in-charge and the commissioner of Workmen's compensation.

14) Clearance of site on completion of works:

The contractor after completion of work shall clean the site of all debris and remove all unused materials other than those supplied by the department and all plant and machinery, equipments, tools etc., belonging to him within one month form the date of completion of the work, or otherwise the same will be removed by the department at his cost or disposed off as per departmental procedure. Incase the material is disposed off by disposed off by department, the sale proceeds will be credited to the `contractor's account after deducting the cost of sale incurred. However, no claim of contractor regarding the price of amount credited will be entertained afterwards.

15) Removal of Constructional plant with prior permission:

All constructional plant, provided by the contractor shall when brought on the site be deemed to be exclusively intended for the construction and the contractor shall not remove the same or any part thereof (Save of the purpose of moving it from one part of the site to another) without the consent in writing of the Engineer-in-charge who shall record the reasons for withholding the consent.

16) Restrictions because of local traffic:

As there is Local traffic by the side of construction, the contractor will have to take proper precautions such as proper barricading, fencing, lighting, information and cautionary boards for safe and smooth flow of traffic, and keeping the concerned authorities informed about the work in progress.

17) Completion Certificate:

- 17.1) The work shall not be considered to have been completed in accordance with the terms of the contract until the Engineer-in-charge shall have certified in writing to that effect. No approval of material or workmanship or approval of part of work during the progress of execution shall bind the Engineer-in-charge or in any way prevent him from even rejecting the work which is claimed to be completed and to suspend the issue of his certificate of completion until such alteration and modification or reconstruction have been effected at the cost of the contractor as shall enable him to certify that the work has been completed to his satisfaction.
- 17.2) After the work is completed the contractor shall give notice of such completion to the Engineer-in-charge and within 30 days of receipt of such a notice the Engineer-in-charge shall inspect the work and if there is no defect in the work, shall furnish the contractor with a certificate indicating the date of completion. However, if there are any defects which in the opinion of the Engineer-in-charge are rectifiable he shall inform the contractor the defects noticed. The contractor after rectification of such defects shall then inform then inform the Engineer-in-charge and Engineer-in charge on his part shall inspect the work and issue the necessary completion certificate within 30 days if the defects are rectified to his satisfaction, and if not, he shall inform the contractor indicating defects yet to be rectified. The time cycle as above, shall continue.
- 17.3) In case defects noticed by the Engineer-in-charge which in his opinion are not rectifiable but otherwise work is acceptable at reduced payment, work shall be treated as completed. In such cases completion certificate shall be issued by the Engineer-in-charge within 30 days indicating the un-rectifiable defects for which specified reduction in payment is being made by him.
- 17.4) The issue of completion certificate shall not be linked up with the site clearance completion of work.
- 17.5) Should the part of construction is put to use any stage prior to date of issue of completion certificate, the maintenance period of that part of the work shall be reckoned from the date of actual use of the facility.

18) Ancillary Works :

The contractor shall submit to Engineer-in-charge in writing the details of all ancillary works including layout and specifications to be followed for its construction. Ancillary work shall not be taken up un hand unless approved by Engineer-in-charge. The Engineer-in-charge

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reserves the right to suggest modifications or make complete changes in the layout and specifications proposed by the contractor at any stage to ensure the safety on the work site. The contractor shall carry out all such modification to the ancillary works at his own expenses as ordered by Engineer-in-charge.

19) Temporary Quarter :-

The contractor shall at his own expense make his own arrangement for housing his staff with all necessary amenities. General layout plan for such structures shall be got approved from the Engineer-in-charge. It will be the responsibility of the contractor to get his layout plan of temporary structure approved from the local competent authorities.

20) Safety measures and Amenities :

Safety Measures

The contractor shall take all necessary precautions for the safety of the workers and preserving their health while working on such jobs as required special protection and precaution where ever required. The contractor shall also comply with the directions issued by the Engineer-in-charge in this behalf from time to time at all times.

The following are some of the requirement

- i) Providing protective footwear to workers in situations like mixing and placing of mortar or concrete, in quarries and place where the work is to be done under too much wet conditions as also for, movements over surfaces infested with oyster growth.
- ii) Providing protective hardware to working in quarries etc. to protect them against accidental fall of materials from above.
- iii) Providing handrails at the edge of the floating platforms, barges walkways, ladder etc.
- iv) Providing workmen with safety belts, ropes etc. when working on any masts cranes, cribs, hoists, dredgers etc.
- v) Taking necessary steps towards training the workers concerned on the use of machinery before they are allowed to handle it independently and taking all necessary precautions in and around the areas where machines, hoists and similar units are working. Wherever required, the persons handling the machinery shall have requisite licenses, certificate etc.
- vi) Preventing over loading and over crowding of floating and land based machinery and equipment.

- vii) Providing life belts to all men working at such situations from where they may accidentally fall into water or on the ground, . Equipping the boats with adequate numbers of life buoys etc.
- viii) Avoiding bare live wires etc. as would cause electrocutions.
- ix) Making platforms, staging and temporary structures sufficiently strong and not causing the workmen and supervisory staff to work under risks.
- x) Providing sufficient first-aid trained staff and equipment to be available quickly at the worksite to render immediate first-aid treatment in case of accident due to suffocation, drowning and other injuries.
- xi) Taking the all necessary precautions wherever divers are engaged on work.
- xii) Providing full length gum boots, leather hand gloves, leather jackets with fireproof aprons to cover the chest and back reaching upto knees plain goggles for the eyes to the labour working with hot asphalt handling, vibrators in cement concrete and also where use of any or all these items is, essential in the interest of health and well-being of the labourers in the opinion of the Engineer-in-charge.

21) Medical and Sanitary Arrangements to be provided for labour employed in the construction by the Contractor :

- a) The Contractor shall provide and adequate supply of potable water for the use of labourers on works and in camps.
- b) The Contractors shall construct trenches or semi permanent latrines for the use of labourers. Separate latrine shall be provided for men and women.
- c) The Contractor shall build sufficient number of huts on suitable plot of land for use of the labourers according to the following specifications.
 - (1) Huts of Bamboos and Grass may be constructed.
 - (2) There should be no over crowding. The floor space at the rate of 3 sqm. (30 Sq.ft.) per head shall be provided. Care should be taken to see that the huts are kept clean and in good order.
 - (3) The contractor must find his own land. If he wants Government land he should apply for it. Assessment for it, if demanded will be

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payable by contractor. However the department does not bind itself for making available the required land.

(4) A good site not liable to submergence shall be selected. High ground remote from jungle but well provided with trees, shall be chosen wherever it is available. The neighborhood of tank, jungles, grass or weeds should be particularly avoided. Camps should not be established close to large cutting of earth work.

(5) The lines of huts shall have open space of at least 10 meters between rows. When a good natural site can not be procured particular attention should be given to the drainage.

- d) The contractor shall construct sufficient number of bathing places; sufficient number of washing places should also be provided for the purpose of washing cloths.
- e) The contractor shall make sufficient arrangements for draining away the surface and seepage water as well as water from the bathing and washing places and shall dispose off this waste water in such a way as not to cause any nuisance.
- f) The contractor shall engage a medical officer with a traveling dispensary for a camp containing 500 or more persons if there is no Govt. or other private dispensary situated within 8 kilometers from the camp. In case of an emergency, the contractor shall arrange at his cost free transport for quick medical help to his sick workers.
- g) The contractor shall provide the necessary staff for affecting the satisfactory conservancy and cleanliness of the camp to the satisfaction of the Engineer-in-charge. At least one sweeper per 200 persons should be engaged.
- h) The Assistant Director of Public Health shall be consulted before opening a labour camp and his instructions on matters such as water supply. Sanitary convenience, the camp site, accommodation and food supply shall be followed by the contractor.
- i) In addition to above all provisions of the relevant labour act pertaining to basic amenities to be provided to the labourer shall be applicable which will be arranged by the contractor.
- j) The contractor shall make arrangement for anti-malaria measure to be provides for labour employed on the work. The anti-malaria measures shall be as directed by Assistant Director of Public Health Officer.
- 22) The contractor except as provided in special conditions which follow, shall, if necessary construct at his cost, temporary roads and maintain these in proper conditions till completion of the work, at his own cost.
- 23) The contractor except as provided in special conditions which follow shall have to at his own expenses make all preliminary arrangements for labour, water, electricity, and materials etc., immediately after getting the work order. The Government may render necessary assistance in this regard by way of letters of recommendation, if so requested by the contractor. No claim for any extra payment or application for

extension of time on the grounds of any difficulty in connection with the above matters will be entertained.

24) Working methods and progress schedules :

- 24.1) The Contractor shall submit within the time stipulated by the Engineer in writing the details of actual methods that would be adopted by the contractor for the execution, of any items as required by Engineer at each of the location, supported by necessary detailed drawing and sketches including those of the plant and machinery that would be used their locations arrangement for conveying and handling materials etc. and obtain prior approval of the Engineer-in-charge who reserves the right to suggest modifications or make corrections in the method proposed by the contractor whether accepted previously or not at any stage of the work, to obtain the desired accuracy, quality, safety and progress of work which shall be binding on the contractor. No claim on account of such change in method of execution will be entertained by Government so long as specification of the item remain unaltered.
- 24.2) The Contractor shall furnish within one month of the order to start the work programme of work in quadruplicate indicating the date of actual start, the monthly progress expected to be achieved and the anticipated completion date of each major item of work to be done by him, also indicating date of procurement of materials and setting up of plants and machinery. The programme is to be such as to be practicable of achievement towards the completion of the whole work in the time limit and of the particular items, if any on the due dates specified in the contract. Planning and programme of works shall be done by the mutual discussion between the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** and contractor's representative in charge of work. The progress of work shall be reviewed every six months and revised programme shall be drawn up, if necessary, No revised programme shall be operative without the approval of Engineer-in-charge in writing. The Engineer is further empowered to ask for more detailed schedule or schedules say weekly, for any item or items in case of urgency of work as will be directed by him and the contractor shall supply the same and when asked for. Acceptance of the programme or the revised programme, by the Engineer-in-charge shall not relieve the contractor of his responsibility to complete the whole of the work by the prescribed time or the extended time if any.
- 24.3) The Contractor shall employ sufficient plant, equipment and labour as may be necessary to maintain the progress schedule. The working and shift hours restricted to one shift a day for operations to be done under the Government supervision shall be such as may be approved by the Engineer-in-charge. They shall not be varied without prior approval of the Engineer. Night work which requiring supervision shall not be permitted except when specifically allowed by Engineer-in-charge if requested by contractor. The contractor shall provide necessary lighting arrangement etc. for night work as directed by Engineer without extra cost of Government.
- 24.4) The contractor shall submit report on progress of work in forms and statement etc. as periodical intervals in the form of progress charts, forms, statements and/or reports as may be approved by the Engineer. Forms for sending reports about progress will be supplied by the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM**.
- 24.5) The contractor shall maintain proforma, chart, details regarding machinery equipment, labour, material, periodical returns thereof in proforma

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to be approved from the Engineer-in-charge.

25) Payment :

The Tenderer must understand clearly that the rates quoted are for completed work and include all cost due to labour, all leads and lifts involved and if further necessitated scaffolding plants, supervision, service works, power etc. and to include all to cover the cost of night and round the clock work as and when required and no claim for additional payment beyond the prices or rates quoted will be entertained and the tenderers will not be entitled subsequently to make any claim on the ground of any representation or on any promise by and person (whether tender in the employment of any Z.P. Works Deptt. or not) or on the ground of any failure on his part to obtain all necessary information for the purpose of making his tender and fixing the several prices and rates therein relieve him from any risks or liabilities arising out of or consequence upon the submission of the tender.

Payment to the contractors will be made by cheque provided the amount to be paid exceeds Rs. 100/- smaller amount will be paid in cash.

26) Claims of extra work

- 26.1)** Claims for extra work shall be registered within 30 days of occurrence of the event. However, bills for these claims along with supporting data details may be submitted subsequently.
- 26.2)** Bills for extra work or for any claim shall be paid separately apart from the interim bills for the main work. The payment of bills for the main work shall not be withheld for want of decision on the extra/claims not covered in the schedule of items for extra work.

27) Bill and Payments:

- 27.1)** Two running payments in a month are permitted. First of the bill shall be submitted by the contractor by the 10th day of the month and Second bill, if necessary, shall be submitted by the contractor by the 25th day of the month.
- 27.2)** The format of running bill on which the bills are to be submitted by the contractor shall be supplied to the contractor by the Department Printed copies of the bills forms as per this format shall be arranged by the contractor at his cost. The bills in five copies shall be submitted to the concerned Engineer's representative in the standard proforma only.
- 27.3)** The final bill shall be submitted by the contractor within one month of the date of issue of completion certificate. The final bill shall be paid within six months of initial submission.
- 27.4)** Recovery of secured advances shall be effected through bills proportionately as per consumption of materials in the work billed for.

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27.5) The contractor can have true copy of the bills paid to him after paying charges for photo copying the same.

27.6) **Controlled concrete :**

Acceptance criteria shall be as per IS: 456 – 2000.

27.7) **Normal Mix Concrete :**

Acceptance criteria shall be as per IS: 456 – 2000.

28) **Assistance in procuring priorities, permits etc. :**

28.1) The Engineer-in-charge on written request by the contractor, will if in his opinion the request is reasonable and in the interest of work and its progress, assist the contractor in securing the police protection and the priorities for deliveries, transport, permits, for controlled materials permits for quarries and other similar permits including labour license etc. Where such are needed. All cost in this behalf shall be borne by the contractor. The department will not, however, be responsible for the non-availability of such facilities or delays in the behalf and no claims on account of such failure or delays shall be allowed by the department.

28.2) The contractor shall have to make his own arrangement for machinery required for the work. However, if such machinery is conveniently available with the department it may be spared on hire as per department's rules in force if requested by the contractor in writing. For such arrangement a separate agreement in the prescribed form will have to be signed by the contractor. Such an agreement shall be independent of this contract and the supply or non-supply of machinery shall not form a ground for any claim or extension of time limit for this work.

29) **Water supply :**

29.1) Availability of adequate water for work and sources thereof shall be confirmed by the contractor before submitting the tender.

29.2) The Contractor shall make his own arrangements at his own cost for entering into contract with concerned authorities for obtaining the connection and carry the water upto the work site as required by him. The location of the pipe line with respect to the road shall be decided by Engineer-in-charge and shall be binding on the contractor. The department shall not bear any responsibility in respect of any problem and contractor shall not be liable for getting any compensation on any ground. The progress of work shall not hamper for the above reasons.

29.3) The contractor is advised to provide water storage tanks of adequate capacity to take care of possible shut down of water supply system.

29.4) The contractor shall have to supply water required by the department for its establishment at work site free of cost.

30) Electricity :

- 30.1) The contractor will have to make his own arrangement at his own cost for obtaining or providing electric supply at work site. The Department shall not bear any responsibility in respect of any problem and contractor shall not be liable for getting any compensation on any ground. The progress of work shall not hamper for the above reasons.
- 30.2) Electrical supply for the Departments use at work site shall be provided by the contractor at mutually agreed terms. The contractor may not abide by these conditions when power supply at the site fails.

31) Telephone facilities :

Contractor will have to make his own arrangement at his own cost for telephone connection at work site, if required.

32) Material Sources:

- 32.1) The contractors shall make their own independent investigations into the availability as well as suitability of the various materials required for construction as referred to in this para.
- 32.2) If any quarry is in the possession of the department the contractor will be allowed to use the same on usual conditions. In other cases, the contractor will have to make his own arrangement for procuring quarries or the quarry permits, necessary assistance of which will be given by the department.
- 32.3) Lime stone shall not be permitted for any concrete work.

33) Land:

- 33.1) The contractor shall make all efforts to obtain land required for the ancillary works. In case the contractor is unable to obtain land and if requested then the department may requisitioned land at his cost.
- 33.2) Land as available with the department or requisitioned by the department at the request of the contractor will be handed over to the contractor for such use as will be necessary for ancillary work required on payment of rent to the department. Plot development, if any, will have to be done by the contractor at his own cost. The development shall be in conformity with the regulations of the local authority.

- 33.3) If for the purpose of construction it becomes necessary of the contractor to occupy land not in possession of the department the contractor will have to make his own arrangement with the land owners and pay such compensations as mutually agreed between them.
- 33.4) On completion of work, all land mentioned in para 34.1., 34.2, 34.3 shall be handed over back to the owners, or the department, as the case may be, after clearing the land as directed by the Engineer-in-charge. Dismantling of building on Government or department land shall be done only after the approval of the Engineer-in-charge.

34) Floods or Accidents :

The contractor shall take all precautions against damages by floods or from accidents etc. No compensation will be allowed to the contractor on this account or for correction and repairing any such damages to the work during construction.

The contractor shall be liable to make good at his cost any plant or materials belonging to the Government lost or damaged by floods or from any other causes while in his charge.

- 35) Urgent Works:** If any "Urgent Works" become necessary and contractor is unable or unwilling to carry it out at once, the Engineer-in-charge may by his own or through other people have it carried out as he may consider necessary. If the "Urgent Work" shall be such as in the opinion of the Engineer-in-charge the contractor is liable under the contract to carry out at his expenses, all expenses incurred on it by the department shall be recoverable from the contractor, and be adjusted or set off against any sum payable to him.

36) Change of Cement Concrete etc.:

Theoretical consumption of Cement for the Concrete work

Sr. No.	Volumetric mix of concrete in a bags/cum	Consumption of cement in bags/Cum
1	C.C.M-10	4.41 bags/Cum
2	C.C.M-15	6.27 bags/Cum
3	C.C.M-20	7.10 bags/Cum
4	C.C.M-25	7.50 bags/Cum
5	C.C. 1:4:8	3.41 bags/Cum

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Note : The weight per bag of cement is considered as 50 Kg.

The rate of consumption of cement for various grades of concrete referred above is a theoretical rate of consumption assumed for the estimate purpose. The contractor will have to obtain an economic mix design for various grades of concrete and get it approved from the Engineer-in-charge. The specification for controlled cement concrete shall be as per standard specification No. B-7 Page 38, and IS 456-2000.

Immediately upon the receipt of the award of the contract, the contractor shall inform the Engineer the exact location of the sources of the acceptable material. The concrete mix to be used shall be got designed in all approved laboratory, by the contractor with a optimum quantity of cement to give the specified strength in the preliminary tests and the proportion got approved by the engineer in writing. These proportions shall be used so long as the materials continue to be of the same quality and from the same sources subject only to slight changes in the relative quantities of fine and course aggregate for the purpose of promoting workability provided the work tests and shows the required strength.

If such preliminary tests involve change in cement consumption upto 2% on the higher or lower side, no adjustment in the cost of the item to be paid to the contractor shall be made. If such alterations, changes, theoretical consumption of cement by more than 2% on the higher or lower side, the sources and quality of aggregate remaining the same, payment will be adjusted for or against the contractor in whatever amount the total cost of cement to the contractor has been increased or decreased by more than 2%. The amount of such increase or decrease shall be calculated on the basis of quantity of cement determined and prescribed in the special provisions. In adjusting the cost only the cost of cement shall be considered and not handling or other charges, which shall be treated as incidental to the terms. If during the progress of work the contractor wishes to change the material, the proportions shall be fixed on the basis of fresh preliminary tests to give the required strength after the Engineer is satisfied that the material satisfy the specifications. No adjustment of the cost shall be made for a change of proportions of cement fixed in the original preliminary tests. For all concrete items only trap metal shall be used.

37) Contractor to inform himself fully :

The Contractor shall be deemed to have carefully examined the work and site conditions including labour, the general and the special conditions, the specifications, schedules and drawings and shall be deemed to have visited the site of the work and to have fully informed himself regarding the local conditions including water levels, winds, current velocities and sub-soil condition and carried out his own investigation to arrive at the rates quoted in the tender. In this regard he will be given necessary information to the best of knowledge of department but without any guarantee about it.

If he shall have any doubts as to the meaning of any portion of these general conditions, or the special conditions to the scope of working of the specifications and drawing, or any other matter concerning the contract, he shall in good time before submitting his tender set forth the

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particulars there of and submit them to the Engineer in writing in order that such doubt may be clarified authoritatively before tendering. Once a tender is submitted the matter will be decided in accordance to the tender conditions in absence of such authentic clarification.

38) Errors, Omissions And Discrepancies :

- a) In case of errors, omissions and/or disagreement between written and scaled dimensions in the drawing or between the drawings and specifications etc. the following order of preference shall apply :
 - i) Between actual scaled and written dimensions or description or description on a drawing the latter shall be adopted.
 - ii) Between the written or shown description or dimensions in the drawing the corresponding one in the specifications, the latter, shall apply.
 - iii) Between the quantities shown in the schedule of quantities and those arrived at from the drawing the latter shall be preferred.
- b) In all cases of omissions and/or doubts or discrepancies in the dimension or description of any item or specifications a reference shall be made to the Engineer, whose elucidation, elaboration or decision shall be considered as authentic. The contractor shall be held responsible for any errors that may occur in the work through lack of such reference and precautions.
- c) The contractor should not sublet any part of work without written permission of the Engineer-in-charge.

41) Samples and Testing of Materials :

- i) All materials to be used on work such as cement, lime, brick, aggregates, steel, stone, asphalt, wood, tiles etc. shall be got approved in advance from the Engineer-in-charge and shall pass the tests and analysis required by him which will be (a) as per specifications of the items concerned and or (b) as specified by the Indian Road Congress standard specification and code of practice for road and bridges or (c) I.S.I. specification whichever and wherever applicable (d) as per specification Ministry of Surface Transport for Roads and bridges section 900 quality control for road work or (e) such recognized specification acceptable to the Engineer-in-charge as equivalent there to or in the absence of such authorized specification (f) such representative in the order of precedence given above.
- ii) The contractor shall at his risk and cost make all arrangements and/or shall provide for all such facilities as the Engineer-in-charge may require for collecting, preparing and forward required number of samples for tests or for analysis to the nearest approved laboratory and bear all charges and cost of testing. Such samples shall also be deposited with the Engineer-in-charge till sent for testing. Out of total number of tests as per frequency requirement 20% of these test shall be carried out in Lab.

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iii) The contractor shall, if and when required, submit at his cost the samples of materials to be tested or analyzed and if so directed, shall not make use or incorporate in the works any materials to be represented by the sample until the required test or analysis have been made and after this test results of the materials finally accepted by the Engineer-in-charge.

iv) Testing of Material

- 1) Frequency of testing of the construction material and the percentage of testing from the Government laboratory shall be as under.
 - a) Where the field laboratory certified by the concerned SARPANCH/SACHIV GRAMPANCHAYAT DADHAM is established for the work at work site 70% tests as per total frequency required shall be carried out in the said field laboratory & 30% tests shall be carried out at the Vigilance & Quality Control Laboratory for the materials mentioned in Annexure-II on **page---- to-----** here under for the material not covered in Annexure II, 50% tests shall be carried out in the field laboratory and remaining 50% tests need to be carried out in the Vigilance & Quality Control Laboratory of P.W.D. Govt. of Maharashtra/PMGSY laboratory. The entire responsibility of the sample testing as per required frequency including testing charges will be borne by the Contractor.
 - b) If testing of materials is not carried out as per norms & frequency payment will be made at Reduced Rate as directed by engineer in-charge.
 - c) If testing is not at all carried out payment will be made at 20 % Reduced rate.
 - d) Where field laboratory is not established at works site 100 % testing from Govt. /approved laboratory as per frequency shall be carried out.
 - e) Testing of cement in V.Q.C.C. Laboratory Govt. Poly/Govt. Engg. College is compulsory.
 - f) Mixing of cement concrete shall be done with concrete mixer.
 - 2) For providing Electric wiring duct tubes of the required diameters and length shall be provided through walls, beams and floors, slab as when diverted without any extra cost.
- iii)
- a) The contractor will make his own arrangement for receiving all materials, tools, etc. required for the work.
 - b) No extra charge for the carriages of work be allowed.
 - c) The rates for all items are inclusive of all charges such as carting, lifting etc. No extra payment for any lead and lift will be paid for any item.
 - d) The contractor should not be sublet any part of work without written permission of the Engineer-in-charge.
 - e) The condition in the tender notice will be binding on the contractor and tender notice will form a part of agreement.

f) Frequency of testing shall be as per relevant specifications. In case such frequency is not specified in work specifications then the I.S. Code will be referred and for other cases where I.S. Code do not stipulate the frequency of testing it will as directed by Engineer-in-charge. Refer Annexure-II page No. 98 to 101.

41) Weigh Batching: The following instructions shall be followed as regards to preliminary designs of mix and methods of batching of plain cement concrete and reinforced cement concrete. The preliminary mix design and batching for various grades of concrete shall be governed by the following guidelines as per latest IS. 456 for Mix Design. It will be the responsibility of the contractor to obtain the mix design for various cement concrete grades at his cost from any Govt. Laboratory.

41) Miscellaneous:

41.1) Competency of Tender:- The work will be awarded only to those contractors who are considered to be responsible bidders, capable of performing the class of work to be completed. Before passing the final award any or all bidders may have to show that he has the necessary experience, facilities, ability, and financial resources to execute the work in satisfactory manner and also within the stipulated time. The bidders may also be required to furnish to the Department a statement in respect of their experience and final resources.

41.2) Eraser : Person tendering are informed that no erasers or any alterations by them in the text of the documents set herewith will be allowed and any such eraser on an alteration will be disregarded, if there is any error in writing no overwriting should be done but the wrong words or figures should be struck out and the correct one written above or near it in an unambiguous way. Such corrections should be initiated and dated.

41.3) Acceptance : Intimation of acceptance of tender will be given by a telegram or a letter sent by registered post to the address given below the signature of the tenderer in the tenders. The tenders which do not fulfill any of the conditions for those in the form and which are incomplete in any respect shall be liable for rejection.

41.4) Precautions to be taken by the contractor to prevent accident.

- i) No live electric lines should be allowed to run along the ground in the blasting zone and they should be at least 3 meter above ground if not more.
- ii) The wiring cable should be taken near the live electric line and it should be preferably short firing cable as supplied by the supplier of explosives. If such as cable is not available a substitute cable made up of several pieces jointed and tapped be used.
- iii) The blasting shed from where the exploder is to finally operated should be at least 500 Ft. away from the area to be blasted. It should have a strong roof which can withstand the withstand the impact of flying stones at his range.

iv) Only trained hands should be allowed to handle explosives, cable detonators etc.

- 41.5) Police Protection:-** For the special protection of the camp of the contractors work, the Deptt. will help the contractors as far as possible to arrange for such protection with the concerned authorities the cost shall be borne by the contractor.
- 41.6)** For providing electric wiring or water line etc. recesses shall be provided if necessary through walls, slabs beams etc. and later on refilled it with bricks or stones, chippings cement mortar without any extra cost.
- 41.7)** In case it becomes necessary for the due fulfillment of contract for the contractor to occupy land outside the Department limits the contractor will have to make his own arrangements with the landowners and pay such rents, if any, which are payable as mutually as agreed between them.
- 41.8)** The contractor shall duly comply with the provisions of the Apprentices Act.1961 (iii of 1960 and the rules and orders made there under from time to time under the said Act and the said Rules and on his failure or neglect to do so he shall be subject to all the liabilities and penalties provided by the said Act and said Rules.
- 41.9)** It is presumed that the contractor has gone carefully through the standard specification (vol. I & II 1981 edition) of Govt. of Maharashtra P.W.D condition and the schedule of rate of the Division, and studied of site conditions before arriving at rates quoted by him. The special provisions and detailed specification of wording of any item shall gain precedence over the corresponding contract. Decision of Engineer-in-charge shall be final in case of interpretation of specification.
- 41.10)** If the standard specifications fall short for the items quoted in the schedule of this contract reference shall be made to the latest Indian Standard specifications, I.R.C. codes, and MOST specification if any of items of this contract do not fall in reference quoted above, the decision and specifications as directed shall be final.
- 41) Load Testing :**

The Engineer-in-charge is empowered to order load testing of the building, bridges or their component whenever there is a doubt about the workmanship or the safety of the building component or whenever there is a need to confirm the workmanship and the safety of the structure by carrying out load test. The load testing shall be carried out as per the specifications B.R. 58 of the book of standard specifications published by Govt. of Maharashtra P.W.D. with such specifications as ordered by Engineer-in-charge.

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- i) The load for such test shall be full dead load (excluding self load of the member under test) plus 125% maximum design live load (including impact) in cases of R.C.C. Bridges.
- ii) The load testing will be carried out by the Department through a suitable Competent Agency. Test result from such agency as will be fixed by Department will be binding on the contractor.
- iii) If the result of the load test are not found to be satisfactory, the contractor shall strengthen the already cast member or reconstruct the members at his cost and also bear the cost of load test. The decision of the Engineer-in-charge will be final in this case.

42) Special Conditions:

42.1) The contractor should ensure that all safety precautions are observed by their labours, working closed to the State Highway and while closing the State Highway precautions are taken including insurance etc. for their labour at the cost of the contractor etc. if any accident occurs to the labour etc. No claim in this regard on whatsoever account shall be entertained and this decision of the department will be final and conclusive.

42.2) During the execution if there is any change in:

- (i) Span Arrangement.
- (ii) Height of substructure and superstructure above ground level.
- (iii) Change in the depth of foundation, tendered rate for respective items will hold good and no extra claims shall be entertained on this account.

42.3) Contractor shall observe the rules and regulations imposed by traffic police for smooth flow of traffic on the diversion road and shall not be entitled for claim any compensation arising thereof.

43) Definitions :- Unless excluded by or repugnant to the contents-

- (a) The expression “**Government**” as used in the tender documents shall mean the Rural Development Department.
- b) The expression **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** as used in the tender papers shall mean Chief Executive officer Z.P. Akola.
- c) The expression **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** as used in the tender paper shall mean the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM-in-charge of the work.

- d) The expression **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM.** used in tender paper shall mean the officer the expression SARPANCH/SACHIV GRAMPANCHAYAT DADHAM.by whatever designation he may be known..
- e) The expression ‘**Contractor**’ as used in the tender paper shall mean the successful tenderer that is the tenderer whose tender has been accepted and who has been authorized to proceed with the work.
- f) The expression ‘**contract**’ as used in the tender papers shall mean the deed of contract together with all its original accompaniments and those later incorporated in it by mutual consent.
- g) The expression ‘**plant**’ as used in the tender papers shall every temporary accessory necessary or considered necessary by the Engineer to execute, construct, complete and maintain the work and all altered, modified, substituted and additional works ordered in the time and the manner herein provided and all temporary materials and special and other articles and appliance of every sort kin and description whatsoever intended or used therefore.

44) **Mix Design**

44.1)The following instructions shall be followed as regards preliminary design of mix methods of batching of plain cement concrete and reinforced cement concrete. These instructions should be treated as supplementary to the relevant provision in the specifications for the respective items contained in the book of standard specifications and will override the provisions contained therein wherever they are contrary to the following instructions. The preliminary mix design and batching for various grades of concrete shall be governed by the following guidelines.

	Concrete Grade	Guidelines
1	Up to M-15	This should only by ordinary concrete. No change may be prescribe for the present practice as regards preliminary design of mix permitting volume batching.
2	M-20	Preliminary mix design must be carried out

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		for these mixes. However, weight batching shall be insisted for cement only.
3	M-25 and above.	Preliminary mix design must be prepared for such mixes, Weight batching shall be compulsory for cement fine aggregate and course aggregate.

44.2) For the grades of concrete M-20 and above the preliminary mix design shall be carried in approved Govt. laboratory.

(i) The charges for preliminary design of concrete mix shall be entirely borne by the contractor.

(ii) For grades of concrete M-20 and above where cement is to be used by weight, the cost of extra cement required to make up the under weight bags shall be borne by the contractor.

(iii) For the items of concrete of grades lower than M-20 other items in the agreement where cement is not to be used by weight. The cement bags shall contain cement of 50 Kg. net weight.

44.3) The admixtures such as plasticizers/super plasticizers for concrete grade M-20 and above shall be used as directed by Engineer-in-charge depending upon specific requirements. No extra payments on this account will be admissible.

SPECIAL CONDITIONS

1) Construction Machinery/Equipment.:

1.1) The methodology and equipment to be used on the project shall be furnished by the contractor to the Engineer well as advance of commencement of work and approval of the Engineer obtained prior to its adoption and use.

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- 1.2) The contractor shall give a trial run of the equipment for establishing its capability to achieve the laid down specifications and tolerance to the satisfaction of the Engineer before commencement of work, if so desired by the Engineer-in-charge.
- 1.3) All equipment provided shall be proven efficiency and shall be operated and maintained at all times in manner acceptable to the Engineer-in-charge.
- 1.4) No equipment or personnel will be removed from site without permission of Engineer-in-charge.

2) Work Programme and Methodology of Construction:

The Contractor shall furnish his programme of construction for execution of the work within the stipulated time schedule together with methodology of construction of each type of work and obtain the approval of the Engineer-in-charge.

3) Revised Programme of work in case of slippage :

In case of slippage from the approved work programme at any stage, the contractor shall furnish revised programme to make upto slippage within the stipulated time schedule and obtain the approval of the Engineer-in-charge.

4) Action in Case of disproportionate progress :

In case of extremely poor progress of the work or any item at any stage of work which in the opinion of the Engineer can not be made good by the contractor considering his available resources, the Engineer will get it accelerated to make up the lost time through any other agency and recover the additional cost incurred, if any, in getting the work done from the contractor after informing him in writing about the action envisaged by him.

5) Setting Out :

Setting out the work as spelt out in clause 109 of Ministry's Specification for Road and Bridge Works (2nd Revision) will be carried out by the Contractor.

6) Public Utilities:

Action in respect of public utilities will be taken by the contractor as envisaged in clause 110 of MORT&H Specification of Road and Bridge work (2001).

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- 7) **Arrangement for traffic during construction:**
Action for arrangement for traffic during construction will be taken by the contractor as envisaged in the contract documents and spelt out in clause 112 of M.O.R.T.&H. Specification of Road and Bridge work (2001)
- 8) **Quality Control :**
The responsibility of achieving quality of work will be on the contractor who will take actions as stipulated in section 900 of M.O.R.T.&H. Specification of Road and Bridge work (2001).
- 9) **MORT&H specification for Road and Bridge work (2001) Fourth Revision:**
MORT&H Specification of road and Bridge work (2001) will form part of the contract documents and the contractors will be legally bound to the various stipulation made therein unless and other wise specifically relaxed or waived wholly or partly through a special clause in the correct documents.
- 10) **Applicable in case of Road Work only:**
The details of the paver, specified in the M.O.R.T.&H. clause 504.3.5 third revision be relaxed in the case of bituminous macadam MORT&H–IVth Revision (Clause 504) where it is going to be covered by any wearing course other than semi dense Bituminous macadam (Clause 507)/ Bituminous concrete (Clause 509) with the provision that it can be laid by means of self propelled mechanical paver with suitable screeds capable of spreading, temping and finishing the mixture to the specified lines grades and cross section.
- 11) **Special Condition for B.T. work:**
In respect of Black Top Work, 15% (Fifteen P.C.) payment of black Top item in a particular Km. will be retained till completion of side berms / C.D. Works etc. in that Km. After completion of other items satisfactorily, the withheld payment will be released finally. The location of the hot mix plant to be used for the work shall be in the vicinity of work such that the temperature of hot mix plants to be used for the work shall be in the vicinity of work not more than **50 Kms.** from the farthest point of work.
- 12) **Insurance of Contract work.**
Contractor shall take out necessary Insurance Policy/Policies (Viz contractors all risk Insurance policy, Erection all risk, Insurance policy etc. as decided by the Directorate of Insurance) so as to provide adequate insurance cover for execution of the awarded work for total contract value and complete contract period compulsorily from the, “Directorate of Insurance, Maharashtra State, Mumbai” only. Its postal address for correspondence is “264, MHADA, First Floor, Opp. Kalanagar, Bandra (East) Mumbai-410051”. (Telephone Nos. 26590413/26590690 and Fax Nos. 26592461/26590413. Similarly all workmen appointed to completed the contract work are required to insure under workmen’s compensation insurance Policy. Insurance Policy/Policies taken out from any other company will not be accepted. If any Contractor has effected Insurance with any Insurance Company, the same will not be accepted and the amount of premium calculated by the Government Insurance Fund will be recovered directly from the amount payable to the Contractor for the executed contract work and paid to the Directorate of Insurance Fund Maharashtra State, Mumbai. The Director of Insurance reserves the right to distribute the risk of insurance

among the other resources.

ADDITIONAL TENDER CONDITION

(1) The contractor should produce the no objection certificate obtained from the Maharashtra Pollution Control Board before starting Crusher/Drum Mix Plant on the work site.

(2) **Supply of Colour Record Photographs and Album :**

The contractor shall arrange to take colour photograph at various stages/Facts of the work including interesting and novel features of the work as desired by the Engineer-in-charge. Photographs shall be of acceptable quality. Each photograph taken shall be standard post card size, marked in albums of acceptable quality. Also the C.D. or the same shall be supplied for each photograph in the Album shall be suitably captioned.

The contractor shall arrange for taking video films of important activities of the work as directed by the Engineer-in-charge during the currency of the project and editing them to a video film of playing time not less than 60 minutes and up to 180 minutes as directed by the Engineer-in-charge. It shall contain narration of the acceptable quality and the film shall be capable of producing colour pictures.

It shall be considered as incidental to the work and no additional payment, whatsoever will be made for the same.

(3) Notwithstanding whether it as per the rules of the traffic authorities or otherwise the agency should ensure that their vehicles, the term includes all construction machinery towards or self driven are equipped with the following to emphasize / traffic safety.

- A) Reflector 4 Nos.
- B) Tail lamp 2 Nos.
- C) One of the following slogan:

In absence of the above requirements and failure of the agency to fulfill them in a reasonable time the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM in charge of the work will get it done from the Mechanical wing of the Z.P..Department and would recover the cost from the amount due to the agency at the following rates.

- 1) Reflector Rs.25/- Per Nos.
- 2) Tail Lamp Rs.175/- Per Nos.
- 3) Slogan Rs.75/- Per Nos.

The decision of the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** will be binding and conclusive in this matter.

- (4) After award of contract, contractor will have to provide and fix the information boards showing name, tender cost, period of completion, Name and Telephone number of agency and SARPANCH/SACHIV GRAMPANCHAYAT DADHAMand other details as directed by Engineer-in-charge at as per drawing attached. It is incidental to work & no Extra payment will made to the contractor.

ADDITIONAL CONDITIONS FOR BITUMEN BROUGHT BY THE CONTRACTOR

1) **Cement** :-

Cement to used for work shall be any of the following with prior approval of Engineer Ordinary Port land Cement 43 grade confirming to I.S.8112 as for as possible cement is used in the manufacture of the exposed surface of concrete of any element of a structure shall be from the same factory. Independent testing of cement used shall be done by the contractor at site and in the laboratory approved by the Engineer before use. Any cement with lower quality than that shown in manufactures certificate shall be debarred from use. In case of finally ground cement or imported cement, the Engineer may direct the contractor to satisfy him as to be acceptability of such cement, specially with regard to creep the shrinkage effect. Any consignment or part of consignment of cement which has deteriorated in any way, shall not be used in the works and shall be removed from the site by the contractor without charge to the employer. Cement shall be transported, handled and stored on the site in such a manner as to avoid deterioration continuation. Each consignment shall be stored separately, so that it may be readily identified and inspected and cement shall be used in the sequence in which it is delivered at site.

The contractor shall prepare and maintain proper records on site in respect of the delivery handling storage and use of cement and these records shall be available for inspection by the Engineer at all times.

2) **Bulk/Packed Bitumen:**

- i) Only **60/70** grade bitumen as specified in respective items shall be used.
- ii) Bitumen brought on site shall conform to the requirement of the particular grade in I.S. 73-1992.
- iii) Testing has to be arranged by contractor from recognized Govt. laboratory at his own cost for all tests mentioned in IS-73-1992.
- iv) The material brought by agency will be open to check by SARPANCH/SACHIV GRAMPANCHAYAT DADHAMor

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his representative at all time. He should submit bill from refinery itself only. No other bill than refinery's unit will be accepted by department and no claim of contractor will be admissible. For other activities storage weighments specification No. Rd. 42 Pg. 216 of Standard Specification of P.W.D. will be referred Contractor has to arrange own static tank for storage of bulk bitumen. If it is decided to procure bulk bitumen contractor shall intimate Engineer-in-Charge well in advance. Consignment will not be allowed to unload until it's weight is checked on weight bridge by Departmental persons. Bitumen shall be procured from Govt. Refinery only.

3) **Rejection of Materials not confirming to specification:**

Any stock or batch of material(s) of which sample(s) does not confirm to the prescribed test and quality shall be rejected by Engineer or his representative and such material shall be removed from site by contractor at his own cost. Such materials shall not be made accepted by modification.

Materials not corresponding in character and quality with approved samples will be rejected by the Engineer or his representative and shall be removed from site at the end of working season will not be allowed to use for any component of work in the next seasons.

Schedule-A

Statement showing (approximately) the material to be Supplied to the contractor from depts. Stores and rates at which the material are to be supplied.

Sr. No	Name of Materials	Approximate quantity to be stipulated	Unit	Rate at which the material		Remarks
				In Figures	In words	
1	2	3	4	5	6	7

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APPENDIX – 1

Statement showing (approximately) Quantity to be brought by the Contractor

Sr. No	Name of Materials	Approximate quantity to be brought by the Contractor at his own cost	Unit	Remarks
1	2	3	4	5
1)	Bulk Bitumen (60/70) grade	M.T.	MT	1) All the materials are to be procured and brought by the

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2)	Cement	M.T.	M.T.	Contractor at the site at his own risk and cost.
3)	R.C.C. Pipe of I.S.N.P.2 class 900 mm. Ø.	M.T.	M.T.	2) The proof of purchase of all materials should be produced during the execution of work and along with bill. 3) Physical properties shall be confirmed with M.O.S.T./I.S./I.R.C. specification. 4) Stipulated test shall be carried out by the contractor at his own cost as per the frequency. 5) Custody of material shall be sole responsibility of the contractor. 6) R.C.C. Pipe should be purchased by M.S.S.I.D.C. only and bill of the same should be produce. 7) Bitumen shall be procured from any Govt. Refinery by the Contractor at his own cost & risk. However proof of purchasing of 60/70 grade bitumen should be produced during the execution of work and along with bill. 8) Cement shall be purchased from the manufacturer or main producers only.

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**ADDITIONAL CONDITIONS FOR MATERIAL
BROUGHT BY THE CONTRACTOR**

- 1) All the material required for construction for work shall be arranged by the contractor at his own cost. The samples of material to be procured shall be got approved by the Engineer-In-Charge material as per approved samples shall only be procured.

- 2) The contractor shall submit periodically as well as on completion of work, an account of all materials brought by him in a manner as directed by Engineer-In-Charge the contractor shall also furnish monthly account of materials, a separate register shall be maintained on site for recording daily item wise receipt and consumption of Cement, Steel and Asphalt used by him, also item wise consumption of other materials used. This register shall be signed daily by the contractor or his representative and representative of Engineer-in-Charge.

- 3) All the materials required for the work shall be brought by the contractor at his own cost in each case, certificate for its quality and quantity shall be produced by the contractor and samples of each material shall be got tested from Government Laboratory as mentioned in condition at serial No. 41(4)(1) (General condition) by the contractor at his own cost and the test results of samples shall be supplied to the Department, the material not confirming to the required standard shall be remove at once from the site of the work by the contractor at his own cost.

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- 4) Testing of all construction material shall be carried out as per required frequency and specifications. and the charges for testing shall be borne by the Contractor.
- 5) The contractor shall construct shed/sheds as per direction of the Engineer-In-Charge of the work for storing the materials brought at site. The material shall be taken out for use in the presence of the departmental representative only.
- 6) The contractor shall make his own arrangement for the safe custody of the materials which are brought for construction of work.
- 7) The contractor shall not transfer any material once brought at work site without prior written permission from Engineer-In-Charge.
- 8) In case the materials brought by the contractor become surplus owing to the change in the design of the work the materials should be taken back by the contractor at his own cost after prior permission of the Engineer-In-charge.

9) The charges for conveyance of materials from the place of delivery to the site of work and the actual spot on work site shall be entirely borne by the contractor. No claim on this account shall be entertained.

10) The contractor shall furnish the account of asphalt brought by him at each time before placing orders for further supply. Also the same should submit on completion of the work, final account of the material used by him to the Department. This account will be scrutinized by the Engineer-In-Charge.

11) All empty asphalt drums shall be the property of contractor and the same shall be removed immediately after completion of work.

12) Agency shall ensure the laying of temperature of hot mix material shall be specified & accordingly he shall make necessary arrangement for preventing loss of temperature of hot mix material during transit from location of drum mix plant to work site.

13) The agency should use the steel manufactured by the main product only.

14) The contractor shall procure the pipes if required for this work from M.S.S.I.D.C. only proof of purchasing of pipe should be submitted.

15) The contractor should inform the schedule of arrival of Bouzers to the Engineer-in-charge time to time.

16) The contractor shall also arrange to provide field laboratory at plant site along with all necessary equipment & materials for testing the grade of bitumen procured by him.

ADDITIONAL CONDITIONS FOR BITUMEN

1) The contractor shall use Bulk Bitumen, 60/70 grade received from the Government Refinery only bitumen received as above will be entirely consumed in the respective item & work as directed by the Engineer-in-charge.

2) Conveyance charges of Bitumen, 60/70 grade (including loading/unloading etc.) from Government Refinery to the hot mix plant site will be borne by the Contractor

3) The Contractor should be aware that delay may occur in getting the bulk asphalt to be supplied at the refinery. They are, therefore, advised to indent for their requirement, sufficiently in advance allow for the period usually taken for supplying Bulk Bitumen.

4) The contractor shall submit periodically as well as on completion of work, on account of all materials issued to him in a manner as instructed by the Engineer-In-Charge. In addition, a separate register shall be maintained on site for recording daily item wise

asphalt consumption of the work (Giving details of quantities of items of executed and asphalt required for each of them) as directed and shall be signed daily by the contractor or his representative, and got signed daily from the representative of the Engineer-in-Charge.

- 5) The bitumen shall be made available on working days only during working hours. Bulk Asphalt will be delivered as per the rules of the concerned Govt. refinery. The contractors are expected to know all the rules and regulations framed by the refineries in this behalf.
- 6) The Contractor should note that the boozers when received from Government are always unloaded at the plant in the presence of the Junior Engineer/ other representative of the Department during 8.00 A.M. to 6.00 P.M. only. He should arrange to give advance intimation in this behalf to Executive –in-charge so the arrangement to depute the Jr. Engineer /Representative at the plant site can be made.
- 7) Since the work lies in agricultural area the contractor shall have to made adequate arrangement for regulating the farmers and their animals by providing barricading whenever necessary and by displaying adequate number of requisite sign, an caution board etc. The work shall have to the planned properly to avoid any inconvenience to the local people.

A detailed programme of completion of work shall be enclosed with the tender.

The contractors should note that once, the work is started, he will not be allowed to operate his plant, for any work other than the work of without the specific permission in writing from the **SARPANCH/SACHIV GRAMPANCHAYAT DADHAM** Any breach of this condition will be seriously dealt with.

TECHNICAL REQUIREMENT OF DRUM MIX PLANTS TO BE USED ON NATIONAL HIGHWAY WORKS

GENERAL

The drum mix plant should be of reputed make and proven design; sturdy in structure and capable of producing desired quality of mix as per specification for laying bituminous road surface and should have following essential arrangements.

(1) COLD AGGREGATE FEEDER

The cold aggregate feeder arrangement should have minimum 3 bins of sufficient capacity capable of storing different size of aggregate and fines to ensure continuous uninterrupted supply of aggregate matching the capacity of plant. Each bin should have independent belt feeder system driven by a variable speed motor and a control gate to ensure accurate feed to meet design mix formula. It is a prerequisite that only properly screened and graded materials are fed to the bins.

There should be a gathering conveyor to receive and transport materials discharged from bins with separate drive arrangement.

There should be a screen or a suitable arrangement like baffle plate at discharge and at gathering conveyor for rejection of any over size material above the permissible limit. The conveyor should be fitted with suitable electronic weigh bridge device for weighing quality of all aggregate being fed to dryer drum.

The plant should have a mineral filler arrangement with suitable control device to accurately proportion the filler material into dryer drum at appropriate stage.

(2) DRYER DRUM

It should be thermo drum type with smooth rotation arrangement to give rated output and capable of reducing the moisture content of the aggregate to desirable limit of 2 % to 6 % & achieving hot mix temperature (up to 160°C as per requirement) with such design that no blue smoke is emitted from the exhaust. The drum may have optional arrangement for feeding reclaimed materials. There should be arrangement to restrict burner flame up to certain length in the drum before bitumen is injected.

It should be fitted with positive displacement bitumen pump driven by variable speed motor automatically controlled from control cabin capable of feeding desired quantity of bitumen synchronized with aggregate feed system. Thermo fluid system or hot pug mill circulation system should be an in-built feature to keep bitumen pump and pipes sufficiently hot to avoid clogging of pipes.

(3)BURNER

The burner used should be capable of burning the fuel efficiently and develop the required temperature. It should fitted with remote control system to detect flame failure and also electric spark ignition system or some other suitable arrangement. Burner operation should have thermo station control flame within the specified temperature range.

(4) BITUMUN HEATER

It should consist an insulated tank of adequate capacity fitted with effective and positive control of temperature for allowing continuous circulation of bitumen heater and proportioning units. Suitable arrangements should be provided for recording the tank and in circulating system.

(5) FUEL SYSTEM

Fuel tanks should be of sufficient capacity and fitted with suitable type of fuel pump to receive the fuel from storage tank and supply to line heater and burner.

(6) CYCLONE SYSTEM

Cyclone units is required control dust discharge within the admissible standard of pollution level.

(7) OPERATING CONTROL UNIT

The drum mix plant must be centralized control system with operation from a control cabin located adjacent to the drum mix plant. The control system should be capable of following

- (i)** Automatic control of speed of each bin feeder conveyor and gate so as to control and regulate the flow of various grades of materials to ensure constant and accurate proportion of aggregates.
- (ii)** Pre-set and control the percentage of flow of aggregate and asphalt required as per design mix.

- (iii) Automatic detection of plant operation failure display of aggregate temperature asphalt and mix temperature aggregate flowing fully automatic aggregate blending bitumen/aggregate ratio control and burner control and system.
- (iv) Control for pre-setting the moisture content of aggregate displayed distinctly.
- (v) Entire control system be such that it desired it would be operated it would be operated manually also.

(8) SURGE SILO

The plant may have optional arrangement to store hot mix material of at least equivalent to 30 % of rated capacity to cater for any delay in loading the tippers. Temporary storage silo should have adequate automatic hydraulic unloading arrangement operated either from the control or manually with necessary safety control.

ADDITIONAL CLARIFICATION TO THE TENDERERS

The following common condition have been put forth by the Contractors while submitting Envelop No.2 for the works costing above Rs. Ten lakhs and they are clarified in almost all the tenders recently opened at Division or Circle level. It is therefore brought to notice of the Contractors not to repeat these conditions in the tender in Envelop No. 2 to eliminate the delay in finalizing the tenders contained in Envelop No.3.

- (1) The Contractor will have to arrange for the land required. The deptt. will however recommend the case to appropriate authority. The lease money/rent etc. shall be paid by the Contractor direct to the land owner.
- (2) he liability of the excise duty if levied shall have to be born by the Contractor.
- (3) The deptt.. will recommend the case to the MSEB/appropriate authority for procuring the power supply/water supply and energy consumption charges/water supply charges shall be borne by the Contractor.
- (4) The Contractor shall make his own arrangement for suitable quarry. However deptt.. will assist in the same.
- (5) The charges for testing and weighment of bulk bitumen shall have to be borne by the Contractor.
- (6) Any future increase in rate of petroleum product/bitumen shall have to be born by the Contractor. However it would be compensated by way of Price Variation clause.
- (7) The Plant shall be installed and brought into operations within 21 days from the date of acceptance of the tender.
- (8) Mobilization/Machinery advance shall be paid by the department, if applicable.
- (9) Final bill shall be finalized as early as possible.
- (10) No Conditional tender will be considered.

- (11) Contractor to produce and submit original gate pass of procurement of bitumen of required grade Before starting the work. The original gate pass will be the property of the department. Without submitting original gate pass payment towards item consuming bitumen shall not be made.
- (12) The RCC pipes required for the work shall be procured from the MSSIDC only. The payment towards providing and fixing NP2/NP3/NP4 pipes will be released only after the Contractor submit the bill of MSSIDC authenticated that the pipes have been purchased from the MSSIDC. No payment toward the item of providing & laying of the pipe will be released in absence of the submission of requisite documents.

ADDITIONAL CONDITIONS FOR TENDERER

- (1) The Contractor having hot mix plant of minimum capacity around 30 to 40 M T per hour or more shall only quote for work.
- (2) **Hot Mix Plant shall be located within 60 km. radius from the work site.** The Contractor should himself own the required machineries for the work exceeding Rs. 75.00 lack.
- (3) For the work amounting less than Rs. 75.00 lacs and for the work in which the cost of item of Hot Mix is less in comparison with cost of the other items; the following condition will apply.

The Contractor should certify that they have own Hot Mix Plant and machineries. In case the Contractor does not own the Hot Mix Plant on the date of tender submission; the Contractor shall produce an undertaking on stamp paper of Rs.100 duly notarised from the Hot Mix Plant owner; whose plant is located within reasonable distance from the site of work so as to maintain temperature of mix ; that he shall supply the required Hot Mix material throughout contract period without any hindrance.

- (4) Since the asphalt is issued at the refinery the successful Tenderer shall have to make his Own arrangement of transport of asphalt from refinery to site of work at his cost.
- (5) Each bouzer containing asphalt shall be got sealed from the refinery before dispatch and Should bear a stamp of the refinery.
- (6) The Deptt reserves its right of weighment of individual random Bouzer as and when considered necessary at the cost of Contractor.
- (7) The cost of testing of asphalt as and when considered necessary shall have to be born by the Contractor.

- (8) The arrangement for feeding of various sizes of metal into the drier and that of asphalt for feeding in the pug mill shall be got approved from the Engineer-in-charge before commencement of the plant.
- (9) The tender shall furnish while submitting tender a detailed programme of completion of week.
- (10) The Contractor shall produce the 'No Objection Certificate ' obtained from the Maharashtra Pollution Control Board before starting crusher/H.P. on the work site.
- (11) After completion of layer of BBM/WBM work a sectioning of the work shall be completed with 5% camber to the shoulders within 10 days failing which the same would be got executed from the another agency at the risk & cost of the Contractor.
- (12) Testing charges :- The Contractor had to carry out the testing as per the frequency mentioned in Annexure 'A' of the tender paper. If the Contractor fails to carry out the same as per frequency ,mentioned; double the testing charges shall be recovered from his any payment due to him. Moreover 20% Reduced Rate of the item would be made for which no testing is done if the item is acceptable to the Engineer-in-charge.
- (13) Bitumen Procurement :- Following procedure shall be adopted for procurement of bitumen from authorized dealer / refinery of the work.

The Contractor shall have to submit the Original gate passes of the required grade and quantity of bitumen procured along with all additional copies of these gate passes to the concerned office without which no payment shall be made for any item involving bitumen consumption. Department will put a red ink stamp on the used gate passes; mentioning 'Used in **Akola..Z. P. Works Division**.

- (14) Contractor shall have to fill the excavated part as per the required crust within twenty days from the day of completion of excavation failing which the same would be got excavated from the another agency at his risk & cost without any notice to the Contractor.
To ensure traffic safety and convenience to the road user the excavated part shall not be kept open for more than 20 days. The Contractor shall tackle the length for which he has collected the required material on site. If there would be any unseasonal rains etc. the Engineer-in-charge would grant the extension of number of days; as he deemed fit.
- (15) It is obligatory on the part of the Contractor to form a V-notch on both sides of the road Over WBM work before starting the BBM work. The

(16) It is obligatory on the part of the Contractor shall possess the following ,
machinery either of his own or he shall have to hire it for carrying out the work.*

(a) Hot Mix Plant

(b) Paver

(c) Roller

(d) Bouzar/sprayer

(e) Trucks /Tippers etc

(f) Any other machinery required for work as directed by the Engineer in charge

DECLARATION OF THE CONTRACTOR

I/We hereby declare that I/We have made myself/our self thoroughly conversant with the local conditions regarding all materials and labour on which I/We have based my/our rates for this work. The specifications, local existing condition and lead of the materials on this work have been carefully studied and understood by me/us submitting the tender I/We undertake to use only the best materials approved by

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the SARPANCH/SACHIV GRAMPANCHAYAT DADHAM-in-charge of the work or his duly authorized representative before starting the work and to abide by his decision. I/we shall maintain rectify the entire works as per standard specification of P.W.D. (Red Book) and M.O.R.T. & H. Specification as soon as the damage occurs upto the expiry of defect liability period without putting forth any reason for the failure.

Contractor's Signature.

Contractor

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FINANCIAL RULE FORM NO. 2-A

(See rule 51 - 4)

GUARANTEE BOND FOR SECURITY DEPOSIT

In consideration of the **GOVERNOR OF MAHARASHTRA** (hereinafter referred to as “**THE GOVERNMENT**”) having agreed to exempt to _____ (hereinafter referred to as “**THE CONTRACTOR**”) from depositing with the Government in cash, the sum of Rs. _____ (Rs. _____ only) begging the amount of Security Deposit payable by the Contractor to the Government under the terms and conditions of the Agreements dated the _____ day of _____ and made between the Government of the one part and the Contractor of the other part (hereinafter referred to as “the said Agreement”) for _____ as security for the observance and performance by the contractor of the terms and conditions of the said agreement on the contractor furnishing to the Government a Guarantee in the prescribed form of a Scheduled Bank in India being in fact these presents in the like sum of Rs. _____ (Rs. _____ only). We _____ Bank Limited registered in India under _____ Act and having one of our local Head Office at _____ do hereby.

1) **Guarantee to the Government -**

a) Due performance and observance by the Contractor of the terms, _____ covenants and conditions on the part of the Contractor contained in _____ the said Agreement, and

b) Due and punctual payment by the contractor to the Government of all _____ sums of money, losses, damages, costs, charges, penalties and expenses _____ payable to the Government by the Contractor under or in respect of the _____ said Agreement.

2) Undertake to pay to the Government on demand and without demur and not with standing any disputes raised by the Contractor(s) in any suit or proceeding filed in any Court or Tribunal relating thereto the said sum of Rs. _____ (Rs. _____ only) or such less sum as may be demanded by the Government from use our liability hereunder being absolute and unequivocal and agree that.

3)a) The guarantee herein contained shall remain in full force and effect during the subsistence of the said Agreement and that same will

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continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been duly paid and its claims satisfied or discharged and till the Government certified that the terms and conditions of the said Agreement have been fully properly carried out by the Contractor.

- b) We shall not be discharged or released from the liability under this Government by reasons of -
- i) any change in the constitution of the Bank or the Contractor, or
 - ii) any arrangement entered into between the Government and the Contractor with or without our consent,
 - iii) any forbearance or indulgence shown to the Contractor.
 - iv) any variation in the terms, covenants of conditions contained in the said Agreement,
 - v) any time given to the Contractor, or
 - vi) any other conditions or circumstances under which, in law, a surety would be discharged.
- c) Our liability hereunder shall be joint and several with that of the Contractor as if we were the principal debtors in respect of the said sum of Rs. _____ (Rs. _____ only) and
- d) We shall not revoke this guarantee during its currency except with the previous consent in writing of the Government.

IN WITNESS WHERE OF The Common Seal of _____ has been here unto affixed this day of _____
The common seal of _____
Was pursuant to the resolution of the Board of Directors of the company dated the _____ day of _____ herein affixed in the presence of who, in token thereof, have hereto set their respective hands in the presence of -

1) _____

2) _____

Contractor

No. of Corrections

Executive Engineer

ANNEXURE-II

QUALITY CONTROL TESTS & THEIR FREQUENCIES

Sr.No.	Material	Test	Frequency of Testing	Remarks
1	Sand	i) Fineness Modules	At the beginning & if there is change in source	
2	Metal	i) Crushing Value	One test per 200 Cum or part hereof	P.W.D. hand book I.S.2386 Part -IV
		ii) Impact Value		
		iii) Abrasion Value		
		iv) Water Absorption		
		v) Flakiness Index		
		vi) Stripping value		
		vii) Gradation		
3	Cement Concrete	Compressive Strength	Upto 5 Cum – 1 set	M.O.R.T.& H. Specification. 1716 (Fourth revision 01)
			6-15 – 2 sets	
			16-30 – 3 sets	
			31-50 – 4 sets	
			51 & Above – 4 sets + 1 additional 50 Cum or part thereof	
4	Cement	i) Compressive Strength	One test for each consignment of 50 MT (1000 bags) or part thereof.	I.S. 8112 - 1989
		ii) Initial Setting Time		
		iii) Final Setting Time		
		iv) Specific Gravity		
		v) Soundness		

Contractor

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Executive Engineer

		vi) Fineness		
5	Steel	i)Weight per meter	One test for every 5.0 M.T. or part thereof for each diameter.	I.S. 432 IS 1786-1985
		ii) Ultimate Tensile Stress		
		iii) Yield Stress		
		iv) Elongation		
6	Granular Sub-Base	i) Gradation	One test per 200 cum	MORT&H specification Table 900-3 (Fourth Revision 2001)
		ii) Atturberg limits	One test per 200 cum	
		iii) Moisture content prior to compaction	One test per 250 cum	
		iv) Density and compacted layer	One test per 500 Sqm	
7	Water Bound Macadam	i) Aggregate impact value	One test per 200 cum	MORT&H specification Table 900-3 (Fourth Revision 2001)
		ii) Gradation	One test per 100 cum	
		iii) Flakiness index & Elongation index.	One test per 200 cum	
		iv) Atterberg limits of binding material.	One test per 25 cum of binding material.	
		v) Atterberg limits of portion of aggregates passing 425 Micron.	One test per 100 cum of aggregate	
8	Prime coat/tack coat/ for spray	i) Quality of Binder	No. of samples per lot and tests as per I.S. 73 I.S. 217 and I.S. 8887 as applicable.	MORT&H specification Table 900.4 (Fourth Revision 2001)
		ii) Binder Temperature	At regular close intervals,	
		iii) Rate of spread of binder.	1 test per 500 sqm. and not less than two tests per day.	
9	Seal coat/ Surface Dressing	i) Quality of Binder	Same as mentioned under Sr.No.8	MORT&H specification Table 900.4 (Fourth Revision 2001)
		ii) Impact Value/Los Angle’s Abrasion value	1 test per 50 cum of aggregate.	
		iii) Flakiness & Elongation Index	1 test per 50 cum.	
		iv) Stripping value of aggregate (Immersion tray test)	Initially 1 set of 3 representative specimen for each source of supply subsequently when warranted by change in the quality of aggregates.	
		v) Water Absorption		
		vi) Water sensitivity of mix (if required)		

Contractor

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Executive Engineer

		vii) Gradation.	1 test per 25 cum	
		viii) Soundness.	Initially one determination by each method for each source of supply, then as warranted by change in the quality of aggregate.	
		ix) Temp. of binder	At regular close intervals,	
		x) Rate of spread of materials	1 test per 500 Sqm. and not less than 2 tests per day.	
		xi) Percentage of fractured faces	When gravel is used. One test per 50 cum,.	
10	Open graded premix surfacing/ Close graded premix surfacing	i) Quality of Binder	Same as per Sr.No.8	MORT&H specification Table 900.4 (Fourth Revision 2001)
		ii) Impact Value/Los Angle's Abrasion value	Same as per Sr.No.9	
		iii) Flakiness & Elongation Index	Same as per Sr.No.9	
		iv) Stripping value	Same as per Sr.No.9	
		v) Water Absorption	Same as per Sr.No.9	
		vi) Water sensitivity of mix	Same as per Sr.No.9	
		vii) Gradation.	Same as per Sr.No.9	
		viii) Soundness.	Same as per Sr.No.9	
		ix) Temp. of binder	At regular close intervals,	
		x) Binder content	1 test per 500 Sqm. and not less than 2 tests per day.	
		xi) Rate of spread of materials	Regular control through checks of layer thickness.	
		xi) Percentage of fractured faces	Same as per Sr.No.9	
11	Bituminous Macadam/ BBM	i) Quality of Binder	Same as per Sr.No.8	MORT&H specification Table 900.4. (Fourth revision 2001) For BBM- Annexure-A on page 102.
		ii) Impact/ Abrasion value	Same as per Sr.No.9	
		iii) Flakiness/ Elongation Index	Same as per Sr.No.9	

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		iv) Stripping value	Same as per Sr.No.9	
		v) Water sensitivity of mix	Same as per Sr.No.9	
		vi) Water absorption	Same as per Sr.No.9	
		vii) Soundness	Same as per Sr.No.9	
		viii) Percentage of fractural faces	Same as per Sr.No.9	
		ix) Gradation	2 tests per day per plant both on individual constituents and mixed aggregates from dryer.	
		x) Binder content & aggrt. Grading	Periodic subject to minimum of 2 tests per day plant.	
		xi) Control of temp of binder & aggregates for mixing & of the mix at the time of laying & rolling.	At regular close intervals.	
		xii) Density of compacted layer	Regular control through check of layer thickness. As directed by the Engineer-in-charge.	
12	Bitumen (Pure)	i) Penetration ii) Ductility iii) Softening point iv) Flash/fire point v) Specific gravity	2 test per lot as per I.S. 73	

Contractor

No. of Corrections

Executive Engineer

ANNEXURE-A

SPECIFICATION FOR BITUMINOUS BOUND MACADAM

Item: Providing and constructing 75 mm thick bituminous bound macadam (BBM) road surface including all materials, preparing the existing road surface, spreading 40 mm stone metal (30% crusher broken metal + 70% hand broken) by breaking rubble obtained, by blasting heating and spraying the bitumen 60/70@ 2 kg/sqm, spacing 12 mm size chips, compacting with static roller.

1) General :

The work consists of supply of materials and labour required for providing and laying bituminous bound macadam surface for compacted thickness of 75 mm. The item includes preparing the existing road surface to receive the bituminous bound macadam course i.e. picking the existing W.B.M. surface or application of tack coat on existing B.T. surface spreading of 41mm size metal layer in required thickness with compaction with power roller, heating and spraying bitumen with required thickness with compaction with power roller heating and spraying bitumen with sprayer etc. spreading key aggregates, 12 mm. chips, and final compaction with power roller, etc. complete and finishing in accordance with the requirement of and in close conformity with grades, lines, cross section and thickness as per approved drawings etc. complete.

2) Diversions:

Temporary diversions shall be constructed and maintained by the contractor at his own cost. Diversions shall be watered if dust is likely to blow on to the road being Bituminized.

3) Materials :

(A) Aggregates: The aggregates for providing B.B.M. surface shall comply with specification Nos. Rd.41 for 41 mm and 12 mm size metal, and shall normally comply with the following regarding to size and quality of aggregate and grade and quantities of bitumen.

Sr. No.	Description	Rate of application for 100 sqmt.	
		75 mm	50 mm

Contractor

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Executive Engineer

		On asphalt surface	On WBM Surface	On asphalt surface	On WBM Surface
a)	41 mm size hand broken metal	9.00 Cum	9.00 Cum	6.00 Cum	6.00 Cum
b)	12mm size chips	1.80 Cum	1.80 Cum	1.80 Cum	1.80 Cum
c)	Bitumen for grouting I.S. penetration or S.65 with (60/70 grade) penetration	200 Kg	200 Kg	175 Kg.	175 Kg.
d)	Tack coat for existing Bitumen surface with 60/70 bitumen	50 Kg	-	50 Kg	-

Note : Hand broken metal shall be 70% and 30% of total quality of 41 mm size metal 41 mm crusher broken metal can be used.

(B) Bitumen :

The bitumen shall be paving bitumen of suitable penetration grade within the range S-35 to S-65 i.e. 60/70 as per Indian Standards Specifications for “Paving Bitumen” IS 73-1992.

4) Preparation of Base:

Any pot holes in the existing bituminous road surface and broken edges shall be patched well and the surface shall be brought to correct level and camber with additional metal and bitumen as required which will be paid separately. Before starting the work the bituminous surface shall be swept clean of all the dirt, mud cakes, animal droppings & other loose foreign material.

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Executive Engineer

If so required by the Engineer, the contractor shall keep the side width & nearby diversion watered to prevent dust from blowing over the surface to be bituminous. Existing water bound macadam surface shall be picked for and surface loosened for a dept of 2.5 cm and the picked surface shall be brought approximately to the correct camber and section Edge line shall be correctly marked by dog belling the surface to form a continuous the notch.

There shall always be sufficient length of prepared surface ahead of the bituminous surfacing operations as directed by the Engineer to keep these operations continuous.

5) Tack Coat on bitumen surface:

Applying tack coat for existing B.T. surface only at the rate of 50 kg/100 m² as per specification No. Rd-47.3.3.

6) Picking of existing W.B.M. Surface :

Picking of existing W.B.M. surface for receiving bituminous bound macadam as per Rd. 33.

7) Spreading and Compaction

7.1 Spreading of 41 mm metal (70% Hand broken & 30% crusher broken):- 41 mm metal shall be speeded evenly at the specified rate of 9 cubic metres/6 cubic meter per 100 squares of area so as to form a layer over the width of road with correct camber/super elevation as required. Any foreign matter, organic matter, dust, grass etc. shall be removed immediately. The sections shall be checked with camber board and straight edge batten etc. Any irregularities shall be made good by adding aggregates in case of depressions and removing aggregates from high spots.

7.2 Compaction of 41mm size metal :- The surface of 41 mm metal layer after bringing to necessary grades and sections shall be rolled with the use of 8 to 10 tones power roller. Roller shall commence from the edges and progress toward the centre longitudinally except on super existing portion it shall progress form the lower to upper edges parallel to the centre line of pavement. Whether the roller has passed over the whole area and high spot or depressions which become apparent shall be corrected by removing or adding aggregates. The rolling shall then continued till the entire surface has been rolled to desired compaction such that there is no crushing of aggregates and all roller marks have been eliminated. Each pass of roller shall uniformly overlap not less than one third of the track made in the preceding pass.

8) Application of Bitumen :

Bitumen of I.S. grade supplied for the work shall be heated to temperature of 177 Celsius to 191 Celsius (350 F to 375 F) in a bitumen boiler and temperature shall be maintained at the time of actual application. The hot bitumen shall be applied through a pressure on the road surface uniformly at the rate of 200 kg. Per 100 sqm. The road surface shall be divided into suitable rectangles marked by chalk so as to ensure correct rate of application of the bitumen.

9) Key Aggregates:

On Completion of bitumen application, 12 mm size key aggregates shall be spread immediately at a uniform rate of 1.8 cubic meters per 100 sqm. of area when entire surface in hot condition Brooms shall be used to ensure even distribution of key aggregates.

10) Final Compaction:

Immediately after spraying of bitumen and spreading of key aggregates, the surface shall be rolled with a power roller to obtained full compaction and to force the blindage of key aggregates in to the interstice of the course aggregate. The rolling shall continue till the asphalt surface hardens and key aggregates stop moving under power roller.

11) Surface Finish and Quality Control:

The surface finish shall conform to requirements of clause 902 of specification for roads and bridges by Ministry of surface Transport (Copy enclosed) Quality control Test and their frequencies shall be as per table below.

Sr.No.	Test	Frequency
1	Quality of binder	Two samples per lot to be subjected to all or some test as directed by the Engineer.
2	Aggregate Impact Value	One test per 200 cubic meter of aggregate.
3	Flakiness Index and Elongation Index	One test per 200 cubic meter of aggregate.
4	Stripping value	Initially one set of three representative specimen for each source of supply

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		subsequently when warranted by changes in the quality of aggregate.
5	Water absorption of aggregates	Initially one set of three representative specimen for each source of supply subsequently when warranted by changes in the quality of aggregate.
6	Aggregate grading	One test per 100 cubic meter of aggregate
7	Temperature of binder at application	At regular close intervals.
8	Rate of spreading for binder.	One test per 500 square meter of area.

12) Item to Include:

- i) Diversions unless separately provided in the tender
- ii) Preparing the road surface.
- iii) Applying tack coat on existing B.T. or picking the existing W.B.M. surface.
- iv) Supplying spreading and compaction of 41 mm and 12 mm size aggregate.
- v) Supplying, heating and spraying of bitumen.
- vi) Supplying and spreading and compaction of 12 mm size chips (By Power roller.
- vii) All labour, materials, including bitumen and aggregates used of tools, plants and equipment for completing the item satisfactorily.

13) Mode of Measurement and Payment.

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The contract rate shall be for 1.00 Sqm. of Agreement Item No. (18) & (19). The measurements shall be for the width of the road as executed, limiting it to the width specified or as ordered by the Engineer and the length measured along the centerline. The measurement dimensions shall be recorded correct upto two places of decimals of a meter and the area worked out correct upto one place of decimal of a Sqm.

Contractor

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Executive Engineer

Providing Traffic Safety Measures on Road during improvement of roads Comprising of Traffic Sign Boards and devices as per detailed design, drawing, specification and as directed by Engineer-in-charge.

SPECIFICATION :

The item includes providing traffic safety arrangements required for traffic control near has stretch of road where widening work is being taken up, before actual start of widening work of road. The contractor will have to provide the traffic safety arrangements as per the detailed drawing. The traffic safety arrangements will have to be got approved from the Engineer-in-charge by the Contractor before taking any construction activities for Widening of works.

The Engineer-in-charge shall get himself satisfied about the traffic safety arrangement provided on the work site before allowing contractor to dismantle the existing structure and a certificate to get effect shall be recorded in the Measurement Book.

- A) The Sign No. 2 "**SPEED LIMT (20)**" shall be placed at a distance of 120 m away from the point where the transition of carriageway begins. The Sign Board shall be of size 60 cm dia. Having white background and red border and the numerical shall be in black colour as per IRC 67-1977. Distance between Sign No.2 shall be minimum 20 m.
- B) The Sign No.2: "**NARROW ROAD AHEAD**" shall be placed at a distance of 80 m away from the point where transition of carriageway. The Sign board shall be of an equilateral triangle of size 90 cm. having white background. Retro reflective border in Red colour and non reflective symbol of black colour as per IRC: 67-1977.
- C) The sign No.3: The sign board indicating "**MEN AT WORK**" shall be placed at a distance of 41 m. away from the point where the transition of carriageway. The sign board shall be of an equilateral triangle of size 90 cm. having white backgrounds. Retro reflective border of Red colour and non reflective symbol of black colour as per IRC 67-1977.
- D) **A sign No. 4 the board displaying the message "GO SLOW-WORK IN PROGRESS" shall be placed point of transition of carriageway. The sign board shall be of size 1.0m x 1.0m having red background and message in white colour.**
- F) Retro Reflective Strong Inviolable Stand Type Barrier painted black and having white Retro Reflective Strips for closer of traffic shall be placed on the cover the entire width of carriageway including shoulder as per drawing. The Barricades shall not be removed unless permission is given by the responsible officer of the rank not less than Sectional Engineer. The

Barricade shall have two plates of size 1.30 x 0.20m painted black and shall have white Retro Reflective Strips and mounted on angle iron stand of 1.0 m height.

- G) Yellow light flasher shall be kept lit from sunset to sunrise, 2 nos. along with white painted line and 2 Nos. at barriers on both sides as indicated in the drawing.
- H) Informatory sign board indicating name or work, estimated cost, completion period defect liability period. Name of contractor with telephone no. Name of Engineer with telephone no. shall provided between sign board no.4 and the barricade. The Sign board shall be having green back ground and white messages retro reflective as per IRC :67-1977.

Mode of Measurement.:

The item of Traffic Measures shall be included in the Schedule “B” of road widening works as a single item and the unit shall be 1 No. However, the item shall not be paid. The provision of item of traffic Safety Measures as per drawing no.3 shall be obligatory to the Contractor.

BITUMEN CONSUMPTION STATEMENT

Sr. No.	Items	Quantity	Rate of Consumption	Theoretical Consumption
	<u>BITUMEN (60/70 GRADE)</u>			
1	Providing and constructing 75 mm. thick B.B.M..... etc. complete.	Sqm.	2.00 Kg/Sqm.	M.T.
2	Providing and laying H.M.H.L. 50 mm. thick Bitumen etc. complete.	Sqm.	7.60 Kg/Sqm.	M.T.
3	Providing and laying open graded premix surfacing H.M.H.L. of 20	Sqm.	1.96 Kg/Sqm.	M.T.

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	mm..... etc. complete.			
4	Providing bituminous seal coat etc. complete.	Sqm.	0.98 Kg/Sqm.	M.T.
	TOTAL			M.T.

SARPANCH/SACHIV GRAMPANCHAYAT DADHAM

Contractor

No. of Corrections

Executive Engineer

NAME OF WORK :- PROVIDING AND FIXING PAVER BLOCKS IN DALIT WASTI AT DADHAM TQ BALAPUR DIST AKOLA INFRONT OF SHASKIYA SABHAGRUHA IN BHIM NAGAR UNDER DALIT WASTI SUDHAR YOJANA 2025-26

CEMENT CONSUMPTION STATEMENT

Sr. No.	Items	Quantity	Rate of Consumption	Theoretical Consumption
1	Providing and laying in situ C.C. of 1:4:8 proportion etc. complete.	Cum.	3.41 Bags/Cum.	Bags
2	Providing and laying in situ C.C. M-15 with trap metal etc. complete.	Cum.	6.27 Bags/Cum.	Bags
	TOTAL			Bags Bags
	SAY			M.T.

**SARPANCH/SACHIV GRAMPANCHAYAT DADHAM
Z.P. Works Division
Akola.**

Contractor

No. of Corrections

Executive Engineer

निविदेच्या शर्ती व अटी.

TENDER PARTICIPANTS ONLY FOR (OPEN/UEE/MKSS)

1.	निविदा प्रपत्र मागणी करण्या करिता अर्जासोबत जि.प. अंतर्गत पंजीयन प्रमाणपत्राची स्वाक्षीत केलेली अद्यावत सत्य प्रत जोडावी लागेल त्याशिवाय अर्ज स्विकारले जाणार नाही.
2.	सदर कामाची निविदा फी व इसारा (बयाना) (EMD) रक्कम निविदाकाराने स्वतःचे बँक अकाऊंट मधुन भरणा करावा व बँक स्टेटमेंट जोडावे. Tender Form price & Earnest money shall be paid from self-bank Account via online using NEFT/RTGS or payment gateway mode. As mentioned in e-tender B-1 Booklet. तसेच अनामत रक्कम ऑनलाईन भरणा केल्याची पावती सोबत जोडावी.
3.	1) विधीग्राह्य पंजीयन प्रमाणपत्र. 2) व्यवसायकराचे पंजीयन प्रमाणपत्र व अद्यावत असल्याचे क्लियरंस प्रमाणपत्र माहे मार्च 2025 अखेर चे व 2025-26 ची चलान. 3) वस्तु व सेवाकर नोंदणी प्रमाणपत्र व जिएसटी 3-बी माहे मार्च 2026 चे जोडण्यात यावे. 4) आयकर बाबतचे संबंधीत विभागाकडुन प्राप्त प्रमाणपत्र व आर्थीक वर्ष 2023-24 व मुल्यांकन वर्ष सन 2024-25 अद्यावत असल्याचे क्लियरंस प्रमाणपत्र. 5) शासन निर्णय ग्रामविकास विभाग दि.2.12.2016 नुसार आवश्यक तांत्रिक कर्मचा-यांची यादी तसेच त्यांचे नियुक्ती आदेश सोबत जोडण्यात यावे सदर कर्मचारी हा कुठेही पंजिबध्द व कोठेही काम करत नसल्याबाबतचे निविदा धारकाचे बंधपत्र (रु 100 बॉन्डवर) जोडणे आवश्यक राहील. 6) तांत्रिक कर्मचा-याचा PTRC मार्च-2025 अखेर भरणा केल्याची चॅलान ची प्रत. 7) निविदेतील सर्वसाधारण खुल्या प्रवर्गातील कंत्राटदार यांना शासन निर्णय दिनांक 02.12.2016 नुसार यंत्रसामुग्रीची यादी तसेच स्वताः खरेदी केल्याचे बिल किंवा यंत्र सामुग्रीचे पंजी प्रमाणपत्र (RC Certificate) 8) निविदेतील सर्वसाधारण खुल्या प्रवर्गातील कंत्राटदार यांना शासन निर्णय दिनांक 02.12.2016 मधील अट क्रमांक 4 मधील II नुसार EPF चे प्रमाणपत्र (Registration माहे डिसेंबर 2025 चे EPF भरणा केल्याची चलाण सोबत जोडणे बंधन कारक राहील. 9) निविदेतील सर्वसाधारण खुल्या प्रवर्गातील कामासाठी सोबत जोडण्यात आलेल्या work done/work in hand मध्ये निविदाकारांनी शासकीय/निमशासकीय /शासनमान्य संस्थेकडील उपरोक्त कामसदृश्य प्रस्तावीत कामाच्या 40% किमतीचे तिन कामे किंवा 50% किमतीचे दोन कामे किंवा 80% किमतीचे एक कामे मागील पाच वर्षात पूर्ण व असावे (रुपये 15 लक्ष आतील असलेल्या कामांना सदरची अट शिथील आहे.) 10) 500/- प्रतिजालेख (काळया यादीत नसल्याचे व सोबत जोडलेले दस्तऐवज खरे असल्याचे) बंधपत्र स्वाक्षरी सहित 11) मजुर कामगार संस्था करिता अद्यावत विमा जोडणे आवश्यक राहील. 12) लगतच्या पाच वर्षांचे केलेली कामे व (सन 2025-26) हाती असलेल्या कामाचे विवरणपत्र कार्यकारी अभियंता यांनी प्रमाणीत केलेले जोडण्यात यावे उपरोक्त सर्व मुळ प्रमाणपत्रे डिजीटल सहीसह अपलोड करणे बंधनकारक राहील. 13) शासन निर्णय क्र.ग्रासयो-2020/प्रक्र.70/बांधकाम-2 दि.5/4/2023 मधील बाब क्र.4.1.3 नुसार सुशिक्षित बेरोजगार अभियंत्यांनी प्रत्येक ई-निविदा प्रक्रीयेमध्ये भाग घेतांना परिशिष्ट-2 नुसार बंधपत्र सादर करणे आवश्यक राहील.
4.	रस्ता डांबरीकरण/कॉक्रीटीकरण चे अनुषंगाने, हॉट मिक्स/सिमेंट कॉक्रीट चे काम (अ.क्र.)रु.75.00 लक्ष वरील किमतीचे असल्यास, 60 कि.मी.चें आतील परिघात असलेल्या मिक्स/ सिमेंट कॉक्रीट चे प्लॉन्ट मालकाकडुन आवश्यक ते साहित्य व यंत्रसामुग्री उपलब्ध करून घेणेबाबत रु.500/- महसुली मुद्राकांवर स्वसाक्षात्कृत करारानामा करून देणे आवश्यक राही
6.	निविदा उघडल्यापासुन 120 दिवसा पर्यंत व त्यापुढे कंत्राटदाराने लेखी देवुन निविदा विधीग्राह्यता मागे घेईपर्यंत निविदा दर विधीग्राह्य राहील.
7.	निविदाधारक भागीदार फार्म असेल तर भागीदारी संहितेची उपनिबंधकाकडे नोंदणी असलेली प्रत सादर करावी लागले पॉवर ऑफ अॅटॉरनीची देखील उपनिबंधकाकडे नोंदणी असलेली प्रत करावी तसेच निविदाधारकास आपला संपुर्ण पत्ता द्यावा लागेल.
8.	निविदा ब-1 सोबत अपलोड केलेली सर्व कागदपत्रे ईस्वाक्षरीसह असावीत व ब-1 करारनाम्यामध्ये प्रत्येक पानावर कंत्राटदाराने संपुर्ण स्वाक्षरी करावी तसेच आवश्यक त्या बाबीची संपुर्ण म भरावी.
9.	दर भाववादीचा फरक (प्राईस एक्सलेश) कोणत्याही कामाला मिळणार नाही.
10.	एकदा जमा केलेली कोरे ब-1 निविदा प्रपत्राची किंमत परत मिळणार नाही.
11.	निधी उपलब्धतेनुसार कार्यारंभ आदेश तथा देयकाचे शोधन करण्यात येईल.

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Executive Engineer

12.	शासन परिपत्रक क्र सिएटी/2017/प्रक्र08/इमा-2 दि. 26 नोव्हेंबर 2018 नुसार लिफाफा क्र 1 व 2 उघडल्यानंतर प्रथम न्युनतम देकार सादर करणा-या एल-1 निविदाकाराने Additional performance security deposit आठ दिवसाच्या आत संबंधीत सरपंच/सचिव ग्रामपंचायत आलेगाव यांचेकडे जमा करण्यात यावी. या करिता एल-1 निविदाकारास कोणताही वेगळ्याने पत्रव्यवहार केला जाणार नाही. आठ दिवसाचे मुदत कोणत्याही कारणासाठी शिथीलक्षम असणार नाही. प्रथम न्युनतम देकाराच्या एल-1 निविदाकाराने वरील विहित मुदतीत Additional performance security deposit चा भरणा केला नाही तर व्दितीय न्युनतम देकाराच्या एल-2 निविदाकारास लेखी विचारणा करण्यात येईल.
13.	कोणतेही कारण न दर्शविता एक किंवा सर्व निविदा रद्द करणे अथवा फेर बदल करण्याचे अधिकार निविदा समितीकडे राखुन ठेवण्यात आलेले आहे.
14.	तपशिलवार शर्ती व अटी वेबसाईटवर तसेच कार्यालयीन कामकाजाच्या दिवशी सरपंच/सचिव ग्रामपंचायत आलेगाव येथे पाहावयास मिळतील. तसेच वरील अनुषंगीक कागदपत्रे वेबसाईटवर अपलोड करणे अनवार्य राहिल.
15.	कंत्राटदारांनी निविदे मधील अटी व शर्ती नुसार सर्व आवश्यक अद्यावत मुळकागदपत्रे (निविदा पुस्तीकेसह डीजिटल स्वाक्षरीसह) ऑनलाईन पध्दतीने सादर करणे आवश्यक आहे.
16.	शासन निर्णय क्रमांक ग्रासयो-2020/प्रक्र-70/बांधकाम-2 दि. 5.4.2023 नुसार सुशिक्षित बेरोजगार अभियंता यांनी कंत्राटदार म्हणुन नोंदणी नंतर सु.बे.अ.चे राखीव कोटयामधुन रु.15 ते 50 लक्ष पर्यंतच्या अंदाजीत किंमतीचे काम करण्यासाठी रु.15 लक्ष पर्यंत किंमतीचे काम समाधानकारकरित्या पुर्ण केल्याचा पुर्वानुभव आवश्यक राहिल. तरच त्यांना खुली निविदे मध्ये भाग घेता येईल.
17.	निविदे मधील अटी व शर्ती मध्ये निविदाधारकास व्यवसाय प्रमाणपत्राची सुट असल्यास त्या बाबतचे सक्षम प्राधिका-यांचे आवश्यक दस्तऐवज ऑनलाईन सादर करणे आवश्यक राहिल.
18.	सुशिक्षित बेरोजगार अभियंता यांनी खुल्या प्रवर्गातील निविदा भरताना खुल्या प्रवर्गातील सर्व अटी पूर्ण करणे बंधनकारक राहिल.
19.	सरपंच व सचिव यांनी स्वाक्षरी केलेलं SPOT VERIFICATION CERTIFICATE सोबत जोडणे आवश्यक अराहिलं.
20.	सदर काम हे कौशल्याचे आहे त्यामुळे काम करण्यास इच्छुक असलेल्या संस्थेने CIVIL ENGINEER (BE CIVIL /DCE CIVIL)कर्मचारी प्रमाणपत्र सादर करणे आवश्यक आहे.

सरपंच/सचिव
ग्रामपंचायत शेळद

Signature Not Verified

Digitally signed by Sunil Bhaurao Jadhav
Date: 2026.05.18 15:21:11 IST
Location: Maharashtra-MH



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