

# GOVERNMENT OF MIZORAM PUBLIC WORKS DEPARTMENT

NIT No.12/CE(B)/2012-2013 of Dt. 31.8.2012

The Chief Engineer, PWD, Buildings, Mizoram, on behalf of the Governor of Mizoram invites sealed item rate tenders in two envelope system from approved and eligible contractors of PWD and firms who have experience on similar nature of works, for the following work:

Sl. No.	NIT NO.	Name of works and location	Estimated cost put to tender	Earnest Money	Time for completion	Last date & time		Time & date of submission & opening of tender
						Receipt of application	issue of tender documents	
1	2	3	4	5	6	7	8	9
1	12/CE(B)/2012-2013	Widening & Strengthening of Vaivakawn to Mizoram University Road under <i>jn</i> NURM (SH: Strengthening of Pavement)	Rs. 6,82,38,450.00	Rs. 13,64,800.00	7 months	4:00 PM on 24.9.2012	4:00 PM on 26.9.2012	12:00 PM on 28.9.2012 and to be opened on 12:30 PM on the same day.

The tender forms and other details can be obtained from the office of the Chief Engineer, PWD Buildings, Mizoram on payment of Rs. 1500.00

Conditions for the contractor/firm:

- (a) Should have satisfactorily completed the works as mentioned below during the last seven years ending last day of the month July 2012.  
Three similar works each costing not less than Rs. 2.73 crores, or two similar works each costing not less than Rs. 4.09 crores or one similar work costing not less than Rs. 5.45 crores.
- (b) Should have an average financial turnover of Rs. 2.04 crores on construction works during the last three years ending 31<sup>st</sup> March 2012.
- (c) Should not have incurred any loss in more than two years during the last five years ending 31<sup>st</sup> March 2012.
- (d) Should have a solvency of Rs. 2.73 crores.

Pre Bid conference shall be held in the chamber of Chief Engineer, Buildings, PWD, Aizawl, at 12:00 PM on 21<sup>st</sup> September 2012 to clear the doubt of intending tenderers, if any.

Earnest money should be deposited along with the tender documents in separate envelop marked as "Earnest Money" in cash (up to Rs. 10,000) or receipt Treasury Challan/deposit at call receipt of a Scheduled Bank /fixed Deposit of a scheduled Bank/Demand Draft of a Scheduled Bank issued

in favour of the Chief Engineer, PWD., Buildings, Mizoram. A part of earnest money is acceptable in the form of Bank Guarantee also. In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of Bank Guarantee.

Both sealed envelopes (EMD and Tender document) marked as Earnest Money and Tender shall be submitted together in another sealed envelope superscripted with names of work and due date of opening. The envelope marked tender shall be opened whose Earnest Money, placed in the other envelope mark as Earnest Money is found in order.

**(R. VANLALTLUANGA)**  
Chief Engineer, Buildings  
Public Works Department  
Mizoram; Aizawl

**Memo No. B.17024/33/CE-BD/PW/12/ 79 'A'**

**Dated Aizawl, the 31<sup>st</sup> August 2012.**

Copy to: -

1. P.S. to His Excellency the Governor of Mizoram for favour of information
2. P.S. to Hon'ble Chief Minister, Mizoram, Aizawl for favour of information.
3. P.S. to Hon'ble Parliamentary Secretary i/c PWD etc. for favour of information.
4. P.S. to Hon'ble Minister i/c Urban Development & Poverty Alleviation etc. for favour of information
5. P.S. to Principal Secretary, PWD, Mizoram for favour of information.
6. P.S. to Principal Secretary, Urban Development & Poverty Alleviation, Mizoram for favour of information
7. The Engineer-in-Chief, PWD, Mizoram, for favour of information.
8. The Resident Commissioner, Mizoram House, New Delhi/ Senior Liaison Officer, Mizoram House, Kolkata/ Liaison Officer, Mizoram House, Guwahati/ Shillong and Silchar for favour of information with a request to display the Invitation for Bids prominently in their Notice Boards.
9. All Chief Engineers, PWD. and Chief Architect, PWD. for favour of information with a request to display the Invitation for Bids in their respective Notice Boards.
10. The Director, Urban Development & Poverty Alleviation, Mizoram for favour of information with a request to display the Invitation for Bids in the Notice Board.
11. The Director, I&PR for favour of information with request to publish the Invitation for Bid (press notice) 2 (two) local daily newspapers for 2 issues. Press notice is enclosed herewith.
12. All the Superintending Engineers, PWD, Mizoram for information with a request to display the Invitation for Bid in their respective Notice Boards.
13. All the Executive Engineers, PWD, Mizoram for information with a request to display the Invitation for Bid in their respective Notice Boards.
14. The State Information Officer (SIO), National Informatics Centre, Mizoram for information and insertion of the NIT and tender documents in the website, along with soft copy of NIT & full Tender Documents.
15. The President, Mizoram Class – I Contractors Association, for information
16. Office Notice Board.

*Chief Engineer, Buildings,  
Public Works Department  
Mizoram; Aizawl*

**PRESS NOTICE:**

**NOTICE INVITING TENDER:**

NIT No.12/CE(B)/2012-2013 of Dt. 31.8.2012

The Chief Engineer, PWD, Buildings, Mizoram, on behalf of the Governor of Mizoram invites sealed item rate tenders in two envelopes from approved and eligible contractors of PWD and firms who have experience on similar nature of works, for the following work. Joint venture is not accepted.

Sl. No.	NIT No.	Name of works and location	Estimated cost put to tender	Earnest Money	Time for completion	Last date & time		Time & date of submission & opening of tender
						Receipt of application	issue of tender documents	
1	2	3	4	5	6	7	8	9
1	12/CE(B)/2012-2013	Widening & Strengthening of Vaivakawn to Mizoram University Road under <i>jn</i> NURM (SH: Strengthening of Pavement)	Rs. 6,82,38,450.00	Rs. 13,64,800.00	7 months	4:00 PM on 24.9.2012	4:00 PM on 26.9.2012	12:00 PM on 28.9.2012 and to be opened on 12:30 PM on the same day.

The tender forms and other details can be obtained from the office of the Chief Engineer, PWD Buildings, Mizoram on payment of Rs. 1500.00. Other details/information can be seen on the website [www.mizoram.nic.in](http://www.mizoram.nic.in)

*Chief Engineer, Buildings  
Public Works Department  
Aizawl, Mizoram*

**GOVERNMENT OF MIZORAM**

**PUBLIC WORK DEPARTMENT**

State : Mizoram  
Chief Engineer : Chief Engineer, PWD., Buildings  
Circle : Building Circle  
Division : Aizawl Road North Division  
Sub-Division : Sub-Division III

Item rate tender & Contract for Works in single envelope system:

Tender for the work: Widening & Strengthening of Vaivakawn to Mizoram University  
Road under *jn*NURM (SH: Strengthening of Pavement)

- (i) To be submitted by 12:00 hours on 28<sup>th</sup> September 2012 to the office of the Chief Engineer, PWD Buildings at Aizawl, Mizoram
- (ii) To be opened in the presence of tenderer who may present at 12:30PM on 28<sup>th</sup> September 2012 in the Office chamber of the Chief Engineer, PWD Buildings
- (iii)

Issued to: \_\_\_\_\_

Signature of issuing the document

- (iv) Designation : The Chief Engineer, PWD, Buildings, Aizawl.

Date of Issue: \_\_\_\_\_

**TENDER**

I/We have read and examined the notice inviting tender schedule, A, B, C, D, E, & F, Specification applicable, drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of contract, Special Conditions, Schedule of rates and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender to the execution of the work specified for the Governor of Mizoram within the time specified in the schedule 'F', viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawings and instruction in writing referee to in Rule -1 of General Rules and Directions and in Clause 11 of the Conditions of Contract and with such materials as are provided for, by , and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for ninety (90) days from the due date of its opening/ninety days from the date of opening financial bids in the case tenders are invited on 2/3 envelope system (strike out as the case may be) and not to make any modifications in its terms and conditions.

A sum ₹..... is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled Bank/fixed deposit receipt of Scheduled Bank/demand draft of a scheduled Bank/bank guarantee issued by a Scheduled Bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee within prescribe period, I/we agree that the said Governor of Mizoram or his successor in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence the work as specified, I/we agree that the Governor of Mizoram or his successor in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon term and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rate to be determined in accordance with the provision contained in clause 12.2 and 12.3 of the tender form. Further. I/we agree that in case of forfeiture of earnest money or both Earnest Money and Performance Guarantee as aforesaid, I/we shall be debarred for participation in the re-tendering process of the work.

I/We hereby declare that I/we shall treat the tender documents, drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

I/we undertake and confirm that eligible similar work(s) has/have not been got executed through another contractors on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in PWD in future forever. Also, if such violation comes to the notice of the Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of earnest Money deposit/Performance Guarantee.”

Dated.....

Signature of Contractor  
Postal Address

Witness .....  
Address.....  
Occupation.....

**ACCEPTANCE**

The above tender as modified by you (provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Governor of Mizoram for a sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only.

The letter referred to below shall form part of this contract Agreement

- (a) \_\_\_\_\_
- (b) \_\_\_\_\_
- (c) \_\_\_\_\_

For on behalf of Governor of Mizoram

Signature \_\_\_\_\_

Dated: \_\_\_\_\_

Designation \_\_\_\_\_

## **SECTION - I**

### **BRIEF PARTICULARS OF THE WORK**

## **Section I: Brief Particulars of Work:**

1. Salient details of the work for which bids are invited are as under:

Sl. No.	Name of Work	Estimated Cost	Period of completion
1	Widening & Strengthening of Vaivakawn to Mizoram University Road under <i>jn</i> NURM (SH: Strengthening of Pavement)	Rs. 6,82,38,450.00	7 Months

2. The work is situated at *Aizawl, Mizoram*

3. General Features and major components of the work are as under

- (i) Scarifying existing surface.
- (ii) Compacting original ground subgrade.
- (iii) Providing & laying Water Bound Macadam.
- (iv) Providing & applying prime coat.
- (v) Providing & laying Bituminous macadam.
- (vi) Providing & laying tack coat.
- (vii) Providing & laying Close Graded Premix Surfacing / Mixed Seal Surfacing

4. Work shall be executed according to General Condition of Contract for CPWD Works 2010 which may be obtained from authorized CPWD book putlets. The bidder may also obtain the book from the Executive Engineer, PWD., Project Division – I.

## **SECTION II**

### **INSTRUCTION TO BIDDERS (ITB)**

(Modified as per OM/MAN/160)

## SECTION II : INSTRUCTION TO BIDDERS

### 1.0 General:

1.1 Letter of transmittal and forms for deciding eligibility are given in section III.

1.2 All information called for in the enclosed forms should be furnished against the relevant columns in the forms. If for any reasons, information furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a "nil" or "no such case" entry should be made in that column. If any particulars/ query is not applicable in case of the bidder, it should be stated as "not applicable". The bidder are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribe forms or deliberately suppressing the information may result in the bid being summarily disqualified. Bids made by telegram or telefax and those received late will not be entertained.

1.3 The bid should be typewritten. The bidder should sign each page of the application.

1.4 Overwriting should be avoided. Correction, if any, should be made by neatly crossing out, initialing, dating and rewriting. Pages of the eligibility criteria document are numbered by him. They should be submitted as a package with signed letter of transmittal.

1.5 References, information and certificates from the respective clients certifying suitability, technical knowledge or capability of the bidder should be signed by an officer not below the rank of Executive Engineer or equivalent.

1.6 The bidder may furnish any additional information which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is however, advised not to furnish superfluous information. No information shall be entertained after submission of eligibility criteria document unless it is called for by the employer.

1.7 Any information furnished by the bidder found to be incorrect either immediately or at later date, would render him liable to be debarred from tendering/taking up of work under PWD Mizoram. If such bidder happens to be enlisted as a contractor of any class in PWD, Mizoram, his name shall also be removed from the approved list of Contractors.

### 2.0 Definitions:

2.1 In this document the following words and expressions have the meaning hereby assigned to them.

2.2 Employer: Means the Governor of Mizoram acting through the Executive Engineer, Aizawl Road North Division, PWD, Mizoram

- 2.3 Bidder: Means the individual, proprietary firm, firm in partnership, limited company private or public or corporation.
- 2.4 “Year’ means “Financial Year” unless stated otherwise.
- 3.0 Method of Application:
- 3.1 If the bidder is an individual, the application shall be signed by him above his full type written name and current address.
- 3.2 If the bidder is proprietary firm, the application shall be signed by the proprietor above his full typed written name and the full name of his firm with its current address.
- 3.3 If the bidder is firm in partnership, the application shall be signed by all partners of the firm above their full typewritten names and current addresses, or, alternatively, by a partner holding power of attorney for the firm. In the later case a certified copy of the power of attorney should accompany the application. In both cases a certified copy of partnership deed and current address of all the partners of the firm should accompany the application.
- 3.4 If the bidder is a limited company or a corporation, the application shall be signed by a duly authorized person holding power of attorney for signing the application accompanied by a copy of the power of attorney. The bidder should also furnish a copy of the Memorandum of Articles of Association duly attested by Public Notary.
- 4.0 Final decision making Authority:  
The Employer reserve the right to accept or reject any bid and to annul the process and reject all bids at any time, without assigning any reason or incurring any liability to the bidders.
- 5.0 Particulars provisional:  
The particulars of the work given in Section I are provisional. They are liable to change and must be considered only as advance information to assist the bidder.
- 6.0 Site Visit  
The bidder is advised to visit the site of work, at his own cost, and examine it and its surroundings to satisfy himself, collect all information that he considers necessary for proper assessment of the prospective assignment.
- 7.0 Initial criteria for eligibility
- 7.1 The bidder should have satisfactory completed during the last seven year ending last day of the Month July 2012. For this purpose cost of work shall mean gross value the completed work including cost of material supplied by the Government/Client but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer/Project manager or equivalent.  
Three similar works each costing not less than ₹ 2.73 crores, or two similar works each costing not less than Rs. ₹ 4.09 crores or one similar work costing not less than ₹ 5.45 crores.
- 7.2 At the time of purchase of tender, the tenderer shall have to furnish an affidavit as under:  
*“I/we undertake and confirm that eligible similar work(s) has/have not been executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of the Department, then I/We shall be debarred for tendering in PWD, Mizoram contracts in future forever. Also, if such a violation comes to the notice of Department before date start of work, the Engineer-in-Charge shall be free to forfeit the entire Earnest Money deposit/Performance Guarantee” (Added as per OM/MAN/211)*
- 7.3 The bidder should have had average annual turnover (gross) of ₹ 2.04 crores civil/ electrical construction work during the immediate last three consecutive financial years. This should be duly

audited by a Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average.

7.4 The bidder should not have incurred any loss in more than two years during the immediate last five consecutive financial years, duly certified by the Chartered Accountant.

7.5 The bidding capacity of the Contractor should **be equal to or more than the estimated cost of the work put to tender.** The bidding capacity shall be worked out by the following Formula:

$$\text{Bid capacity} = (A \times N \times 2 - B)$$

Where

A = Maximum value of civil engineering works executed in any one year during the last five years taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which bids are invited.

B = Value of existing commitments and on-going works to be completed during the period of completion of work for which bids have been invited.

7.6 The bidder should have a solvency of ₹ 2.73 crores certified by his bankers.

7.7 The Bidder should own construction equipment as per list required for the proper and timely execution of the work. Else, he should certify that he would be able to manage the equipment by hiring etc., and submit the list of firms from whom he proposes to hire.

7.8 The bidder should have sufficient number of Technical and Administrative employees for proper execution of the contract. The bidder should submit a list of these employees stating clearly how these would be involved in this work.

#### 8.0 EVALUATION CRITERIA:

8.1 The details submitted by the bidders will be evaluated in the following manner:

8.1.1 The initial criteria prescribed in paragraph 7.1 to 7.5 above in respect of experience of similar class of works completed, bidding capacity and financial turnover etc. will first be scrutinized and the bidder's eligibility for the work be determined.

8.1.2 The bidder qualifying the initial criteria as set out in paragraph 7.1 to 7.5 above will be evaluated for following criteria by scoring method on the basis of details furnished by them:

(a) Financial strength (Form 'A' & 'B')	Maximum 20 marks
(b) Experience in Similar nature of work during the last five years (Form 'C')	Maximum 20 marks
(c) Performance of work (Form 'E') – Time over run	Maximum 20 marks
(d) Performance of work (Form 'F') – Quality	Maximum 15 marks
(e) Personal and establishment (Form 'F' & 'G')	maximum 10 marks
(f) Plant and Equipment (Form 'H')	maximum 15 marks
	<b><u>TOTAL 100 marks</u></b>

To become for short listing the bidder must secure at least fifty percent marks in each and sixty percent mark in aggregate.

The Department, however, reserve the right to restrict the list of such qualified contractors to any number deemed suitable by it.

- 8.2 Even though any bidder may satisfy the above requirements, he would be liable to disqualification if he has:
- (a) made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document,
  - (b) record of poor performance such as abandoning work, not properly completing the contract, or financial failure/weakness etc.

#### 9.0 FINANCIAL INFORMATION:

Bidder should furnish the following financial information:

Annual financial turn statement for last five years in (Form 'A') and solvency certificate in (form 'B')

#### 10.0 EXPERIENCE IN WORKS HIGHLIGHTING EXPERIENCE IN SIMILAR WORKS

10.1 Bidder should furnish the following:

- (a) List of works of all similar nature successfully completed during the last seven years in (Form 'C')
  - (b) List of project/works under execution or awarded during in (Form 'D')
- 10.2 Particulars of completed works and performance of bidder duly authenticated/certified by an officer not below the rank of Executive Engineer or equivalent should be furnished separately for each work completed or in progress in (Form 'E')

10.3 Information in (Form 'D') should be complete and no work should be left out.

#### 11.0 ORGANIZATION INFORMATION

Bidder is required to submit the information in respect of his organization in Forms 'F' & 'G'.

#### 12.0 CONSTRUCTION PLANT AND EQUIPMENT

Bidder should furnish the list of construction plant and equipment including steel shuttering, centering and scaffolding to be used in carrying out the work (in form 'H'). Details any other plant & equipment required for the work not included in Form 'F' and available with the applicant may also be indicated.

#### 13.0 LETTER OF TRANSMITTAL

The bidder should submit the letter of transmittal attached with the document.

#### 14.0 OPENING OF PRICE BID

**The bid shall remain valid for 90 days from the last date of its submission.**

#### 15.0 AWARD CRITERIA

15.1 The employer reserves the right, without being liable for any damage or obligation to inform the bidder, to:

- (a) amend the scope and value of contract to the bidder.
- (b) Reject any or all the application without assigning any reason

15.2 Any effort on the part of the bidder or his agent to exercise influence or to pressurize the employer would result in rejection of his bid. Canvassing of any kind is prohibited.

**Additional Condition for CPWD-6**

16.1 The tenderer shall abide by the rules and regulations under relevant state Sales Tax Act/Value Added Tax Act labour cess etc. as amended from time to time and deductions for Sales Tax/VAT on work contracts shall be made from the gross value of the work done from all bills as per the provisions of above stated Acts. Nothing extra on account of this deduction shall be paid. In case this amount is not found payable to the State Govt. at a later date due to subsequent decision of the Court or Govt. the amount already deducted/or the balance yet to be deducted if any from the remaining work yet to be paid/done, the amount shall not be refunded/paid to the contractor and contractor will have no claim for the same. The contractor may therefore quote his rates accordingly.

**SECTION - III**  
**INFORMATION REGARDING ELIGIBILITY CRITERIA**

**Section III: Information Regarding Eligibility Criteria**

LETTER OF TRANSMITTAL

From:

To.

The Chief Engineer, Buildings,  
PWD, Aizawl,

Subject;        Submission of bids for the work of .....

Sir,

Having examined the details given in press notice and bid document for the above work, I/we hereby submit the relevant information.

1. I/we hereby certify that all the statement made and information supplied in the enclosed Form A to H and accompanying statements are true and correct.
2. I/we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/we submit the requisite solvency certificate and authorize the Chief Engineer, Buildings, PWD, Aizawl, to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/we also authorize Chief Engineer, Buildings, PWD, Aizawl, to approach individuals, employers, firms and corporations to verify our competence and general reputation.
4. I/we submit the following certificate in support our suitability, technical knowledge and capability for having successfully completed the following works:

Sl. No.	Name of Work	Certificate from

Enclosures:

Seal of bidder

Date of submission

Signature(s) of Bidder(s)

**FORM 'A'**  
**FINANCIAL INFORMATION**

- I. Financial Analysis – detail to be furnished duly supported by figures in balance sheet/profit & loss account for the last five years duly certified by chartered Accountant, as submitted by the applicant to the Income Tax Department (copies to be attached).

Years

--	--	--	--	--

- (i) Gross Annual Turnover on construction works  
(ii) Profit and Loss

- II. Financial arrangements for carrying out the proposed work  
III. Solvency Certificate from the bankers of the bidder in the prescribed Form 'B'

Signature of Chartered Accountant with seal

Signature of Bidder

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**FORM 'B'**  
**FORM OF BANKERS' CERTIFICATE FROM A SCHEDULED BANK**

This is to certify that to the best of our knowledge and information that M/s./sh..... Having marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement up to a limit of Rs. .... (Rupees .....).

This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

(Signature)  
For the Bank

- Note: 1. Bank certificates should be on letter head of the Bank, sealed in cover addressed to tendering authority.  
2. In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

FORM 'C'

DETAILS OF ALL WORKS OF SIMILAR CLASS COMPLETED DURING THE LAST SEVEN YEARS ENDING LAST DAY OF THE MONTH MAY 2012.

S. No.	Name of Work/project and location	Owner or sponsoring organization	Cost of work in crores of rupees	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/ arbitration cases pending/ in progress with details*	Name and Address, Telephone number of officer to whom reference may be made	Remarks
1	2	3	4	5	6	7	8	9	10

*\*Indicate gross amount claimed and amount awarded by the Arbitrator.*

Signature of bidder(s)

FROM 'D'  
PROJECT UNDER EXECUTION OR AWARDED

S. No.	Name of Work/projects and location	Owner or sponsoring organization	Cost of work in crores of rupees	Date of commencement as per contract	Stipulated date of completion	Up to date percentage of progress of work	Slow progress if any and reason thereof	Name and Address, Telephone number of officer to whom reference may be made	Remarks
1	2	3	4	5	6	7	8	9	10

Certified that the above list of works is complete and no work has been left out and that the information given is correct to my knowledge and belief.

Signature of Bidder(s)



Signature of Bidder (s)

FORM 'G'

DETAILS OF TECHNICAL & ADMINISTRATIVE PERSONNEL TO BE EMPLOYED FOR THE WORK

S. No.	Designation	Total number	Number available for this work	Name	Qualifications	Professional experience and details of work carried out	How these would be involved in this work	Remark
1	2	3	4	5	6	7	8	9

Signature of Bidder(s)

FORM 'H'

DETAILS OF CONSTRUCTION PLANT AND EQUIPMENT LIKELY TO BE USED IN CARRYING OUT THE WORK

S NO.	Name of Equipment	Nos.	Capacity or type	Age	Condition	Ownership status			Current location	REMARK
						Presently owned	Leased	To be purchased		
1	2	3	4	5	6	7	8	9	10	11
1	<u>Earth Moving equipment</u> 1. Excavator various sizes 2. Loader	1 1								
2	Equipment for road works 1. Road roller 2. Bitumen sprayer 3. Hot mix plant 4. Spreader 5. Earth rammers 6. Vibratory road roller 7. Mechanical broom	1 1 1 1 1 1 1								
3	Equipment for transportation 1. Tippers 2. Truck 3. Water Tanker	5 5 1								
4	a) Diesel generator of 15 KVA or above b) Halogen flood light	1 5								

Signature of Bidder(s)

## **PROFORMA SCHEDULE**

## **PROFORMA OF SCHEDULES**

(Operative Schedules to be supplied separately to each intending tenderer)

### **SCHEDULE 'A'**

Schedule of quantities (as per PWD – 3): Supplied in different booklet.

### **SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

Sl. No.	Description Of Item	Quantity	Rates in figures & words at which the materials will be charged to the contractor	Place of Issue
1	2	3	4	5
1	Cement	Nil/____		
2	Reinforcement (TMT) Bar	Nil/____		

### **SCHEDULE 'C'**

Tools and plants to be hired to the contractor

Sl. No.	Description	Hire charges per day	Place of Issue
1	2	3	4
1	Nil		

### **SCHEDULE 'D'**

Extra schedule for specific requirements/document for the work, if any.

### **SCHEDULE 'E'**

Reference to General Conditions of Contract Under CPWD Works 2010.

Name of work : Widening & Strengthening of Vaivakawn to Mizoram University Road under  
*jn*NURM (SH: Strengthening of Pavement)

Estimate cost of work: Rs. 6,82,38,450.00

- (i) Earnest Money: Rs. 13,64,800.00
- (ii) Performance Guarantee: Rs. 34,11,900.00
- (iii) Security Deposit: Rs. 34,11,900.00

**SCHEDULE 'F'**

**GENERAL RULES & DIRECTIONS:**

Officer inviting tender

The Chief Engineer, PWD., Buildings, Mizoram

Maximum percentage for the quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2 & 12.3.

See below

**Definitions:**

- |         |  |  |
|---------|--|--|
| 2(v)    | Engineer-in-Charge:  | Executive Engineer, Aizawl Road North Division                                   |
| 2(viii) | Accepting Authority:   | The Chief Engineer, PWD., Buildings, Mizoram                                     |
| 2(x)    | Percentage on cost of material and Labour to cover all overheads and profits | 10%  |
| 2(xi)   | Standard Schedule of Rates:  | Mizoram PWD SOR 2011 for National Highway & State Road.                          |
| 2(xii)  | Department:<br>Standard CPWD<br>contract Form                                | Public Works Department, GOM.<br>CPWD from 7/8 as modified Corrected up to date. |

**Clause 1**

- |      |  |                |
|------|--|----------------|
| (i)  | Time allowed for submission of Performance Guarantee<br>From the date of issue of letter of acceptance | <u>15</u> days |
| (ii) | Maximum allowable extension beyond the period<br>Provided in (i) above                                 | <u>7</u> days  |

**Clause 2**

Authority for fixing compensation under clause 2	Superintending Engineer, PWD Building Circle, Aizawl, Mizoram
--	--

**Clause 2 A**

Whether Clause 2 A shall be applicable :	<i>Yes/<del>No</del> and the tender accepting authority is to decide the quantum of Bonus and his decision in writing shall be final)</i>
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**Clause 5**

Number of days from the date of issue of letter of Acceptance for reckoning date of start	<u>10</u> days
---	----------------

Milestone(s) as per table given below:

**Table of Mile Stone(s)**

Sl. No.	Description of Milestone (Physical progress)	Time Allowed in days (from date of start)	Amount to be with-held in case Of non achievement of milestone
1.	13% value of the contract	1/4 <sup>th</sup> of the whole work	In the event of not achieving the necessary progress as assessed from the running payment 1.5% of the tendered value of the work will be withheld for failure of each milestone up to a maximum of 10% of the contract value.
2.	35% value of the contract	1/2 of the whole work	
3.	75% value of the contract	3/4 <sup>th</sup> of the whole work	
4.	100% value of the contract	100% of the whole work	

Time allowed for execution of work. : 7 months

**Authority to decide**

(i) Extension of time: Executive Engineer, PWD  
Aizawl Road North Division

(ii) Rescheduling of mile stones: Superintending Engineer, PWD  
Building Circle, Mizoram

**Clause 6, 6A**

Clause applicable - (6 or 6A) -- both clauses are applicable

**Clause 7**

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment : As per Awarded & Conditions of Contract  
being eligible to interim payment.

Clause 10A: List of testing equipment to be provided by the contractor at site lab.

1. Balances
  - a. 7 kg to 10 kg capacity, semi-self indicating type – accuracy 10 gm.
  - b. 500 gm capacity, semi-self indicating type – accuracy 1 gm.
  - c. Pan balance -5 kg. capacity – 10 gm accuracy
  - d. Platform scale- 300 kg capacity
2. Oven electrically operated, thermostatically controlled.
  - a. Upto 200° C for determination of loss on heating bitumen.
3. Sieves as per IS 460-1962
  - a. I.S. Sieves – 450 mm of internal dia of sizes 100 mm, 80 mm, 63 mm, 50 mm, 40 mm, 25 mm, 20 mm, 12.5 mm, 10 mm, 6.3 mm, 1.75 mm, complete with lid and pan.
4. Sieves shaker capable for shaking 200 mm and 300 mm dia sieves, electrically operated with timer.
5. Aggregate impact test apparatus as per IS 2386-Part IV-1963.
6. Constant temperature bath for accommodating bitumen test specimen, electrically operated and thermostatically controlled.
7. Penetrometer with automatic time controller and with adjustable weight accessories and needles as per IS 1203-1958.
8. Hubbard field stability test apparatus complete with extraction thimbles etc.
9. Distant reading thermometers.
10. Load frame -5 tonnes capacity, electrically operated with speed control.
11. Compaction apparatus (Proctor) as per IS 2720-Part VII-1974
12. Aggregate testing machine for Concrete work
13. Smith Hammer testing machine

14. Compression testing Machine
15. Oxhlet extraction apparatus
16. Pan balance -5 kg. capacity – 10 gm accuracy
17. Dial gauge
  - a.25mm travel-0.01 mm /division
18. Load frame-5 tonnes capacity,electrically operated with speed control.
19. Compaction apparatus(Proctor) as per IS 2720-Part VII-1974
20. Modified ASHO compaction apparatus as per IS 2720-Part-III1974
21. Sand pouring cylinder with control funnel and tube complete asn per IS 2720-Part XXVII-1974.
22. Sampling tins with rods 100mm dia x 50mm ht., 1/2kg capacity, and miscellaneous items like moisture tins etc.
23. Marshall compaction apparatus as per ASTM 1559 -62T

**Clause 10 B (ii)**

Whether Clause 10 B (ii) shall be applicable Yes/~~No~~

**Clause 10 C**

Component of labour expressed as percent of value of work = 25 %

**Clause 10 C A**

Material Covered under this clause	Nearest materials (other than cement, reinforcement bars and structural steel) for which All India Wholesale Price Index to be followed.	Base price of all the material covered under clause 10 CA.
Cement	Not applicable	Not applicable
Reinforcement bars	Not applicable	Not applicable
Structural Steel	Not applicable	Not applicable

**Clause 10 CC**

Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column. 7 Months

Schedule of component of other Materials, Labour, POL etc. for price escalation.

Component of civil(Except materials covered under clause 10CA)/Electrical Construction materials-expressed as percent of Total value of work ... Xm .. 35%

Component of labour - expressed as percentage of total value of work ..... Y ... 15%

Component of P.O.L. – expressed as percentage of total value of work ..... Z ... 2%

**Clause 11**

Specification to be followed for execution of work : CPWD specification 1996 Vol. I to vol. VI and revised CPWD Specification 2002 for cement mortar cement concrete and LCC works with up to date correction.

**Clause 12**

12.2 & 12.3 Deviation Limit beyond which clauses  
12.2 & 12.3 shall apply for building work : 30%

12.5 Deviation Limit beyond which clauses  
12.2 & 12.3 shall apply for foundation work : 100%

**Clause 16**

Competent Authority for deciding : Superintending Engineer, PWD  
reduced rates Building Circle, Mizoram

**Clause 17:**

Whether clause 17 will be applicable or not Yes, as applicable under General  
Conditions of Contract for CPWD Works  
2010

**Clause 18**

List of Mandatory Machinery,. Tools & Plant to be deployed by the Contractor at site:

1. Excavator cum Loader
2. Tippers
3. Water tanker
4. Truck
5. Medium truck/tippers
6. Road roller
7. Vibratory road roller
8. Bitumen sprayer
9. Spreader
10. Mechanical broom

**Clause 25**

Constitution of Dispute Redressal Committee:  
Chairman: *To be appointed by the Chief Engineer, PWD., Buildings, Mizoram*  
Member: *To be appointed by the Chief Engineer, PWD., Buildings, Mizoram*  
Member: *To be appointed by the Chief Engineer, PWD., Buildings, Mizoram*

**Clause 36 (i)****Requirement of Technical Representative(s) and Recovery Rate**

S. No.	Minimum qualification of Technical Representative	Discipline	Designation (Principal/ Technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36 (i)	
						Figure	Word
1	Graduate engineer	Civil	Project Manager	8 years	1	₹ 30000/- per month	Rupees thirty thousand only
2	Graduate/diploma Engineer	Civil	Quantity engineer	5 and 10 years respectively for graduate and Diploma Engineer	1	₹ 25000/- per month	Rupees twenty five thousand only

(\*Assistant Engineer retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.)

**Clause 42**

- |        |   |   |
|--------|---|---|
| (i) a) | Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of | Mizoram PWD SOR 2007 printed by PWD with up to date correction slips and Mizoram PWD SOR 2011 for National Highway & State Roads. |
| ii)    | Variation permissible on the theoretical quantities   |   |
| a)     | Cement works with estimated cost put to tender not more than 5 lakh                         | 3% plus/minus   |
|        | For work with estimated cost put to tender more than Rs. 5 lakh                             | 2% plus/minus   |
| b)     | Bitumen for all works   | 2.5% plus only & nil on minus side  |
| c)     | Steel reinforcement and structural steel section for each diameter, section and category    | 2% plus/only / nil on minus   |
| d)     | All other materials   | Nil, if not otherwise specified   |

**RECOVERY RATE FOR QUANTITIES BEYOND PERMISSIBLE VARIATION**

Sl No.	Description of item	Rates in figures and words at which recovery shall be made from the contractor	
		Excess beyond permissible variation	Less use beyond the permissible variation
1	Cement	Not Applicable	**
2	Steel Reinforcement	Not Applicable	**
3	Structural Section		
4	Bitumen issued free		
5	Bitumen issued at stipulated fixed price		

\*\* to be fixed by CE

## **A. ADDITIONAL CONDITIONS**

- A.1. Before tendering, the tenderer shall inspect the site of work and shall fully acquaint himself about the conditions with regard to site, its approach from main road, nature of soil, availability of materials, suitable location of godowns, stores, labour huts & location of Batching Plant, etc., the extent of leads and lifts involved in the work (Over the entire duration of contract) including local conditions, traffic restrictions, obstructions and other conditions, and restriction by Authorities as required for satisfactory executions of work. He should take into considerations all such factors and contingencies, while quoting his rates. No claim whatsoever shall be entertained by the Department on this account.
- A.2. The Contractor(s) shall get himself acquainted with nature and extent of the work and satisfy himself about the availability of materials from kiln or approved quarries for collection and conveyance of materials required for construction.
- A.3. The Contractor(s) shall study the soil investigation report for the site available in the Office of Engineer-In-Charge and satisfy himself about complete characteristics of soil and other parameters at site. However no claim on the alleged inadequacy or incorrectness of the soil data supplied by the Department shall be entertained.
- A.4. The Contractor(s) shall give to the municipality, Police and other authorities all necessary notice etc. that may be required by law and obtain all requisite licenses for temporary obstruction, enclosures, etc., and pay all fees, taxes and charges which may be livable on account of his operations in executing the contract. He shall make good any damage to adjoining property, whether public or private and shall supply and maintain lights either for illumination or for cautioning the public required at night.
- A.5. Not Applicable
- A.6. No payment shall be made to the Contractor for any damage caused by rain, snowfall, flood or any other natural causes whatsoever during the execution of work. The damage to work shall be made good by the contractor at his own cost and no claim in the matter shall be entertained.
- A.7. Royalty at the prevalent rates whenever payable shall have to be paid by the contractor on the boulders, metal, shingles, sands etc., or any other materials collected by him for the work direct to the revenue authority of the District/State Govt. concerned and nothing extra shall be paid by the Department for the same.
- A.8. Not Applicable
- A.9. Not Applicable
- A.10. Not Applicable
- A.11. The Contractor must study the specification and conditions carefully before tendering.
- A.12. The Contractor shall have to make approaches to the site, if so required and keep them in good conditions for transportation of labour and materials as well as inspection of works by the Engineer-In-Charge. Nothing extra shall be paid on this account.

- A13. The work shall be carried out in such manner so as not to interfere or effect or disturb other works, being executed by other agencies, if any.
- A14. Any damage done by the contractor to any existing work shall be made good by him at his own cost. Otherwise the same shall be got done at his risk and cost.
- A15. The work shall be carried out in the manner complying in all respects with the requirement of relevant bye-laws of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.
- A16. For completing the work in time, the contractor might be required to work in two or more shift including night shift and no claims whatsoever shall be entertained on this account, notwithstanding the fact that the contractor will have to pay to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulation and the agreement entered upon and no extra amount for any other reason.
- A17. The Contractor shall make his own arrangements for obtaining electric connection(s), if required, and make necessary payments directly to the department concerned. The department will however make all reasonable recommendations to the authority concerned in this regard.
- A18. The Contractor or his authorized representative should always be available at the site of work to take instructions from department officers and ensure proper execution of work. No work should be done in the absence of such authorized representative.
- A19. The contractor shall maintain in good conditions all work executed till the completion of entire work allotted to the Contractor.
- A20. Not Applicable
- A21. The Contractor shall take all necessary measures for the safety of traffic during construction and provide, erect and maintain such barricades, including signs markings, flags, lights and flagman as necessary, at either end of the excavation/embankment and at such intermediate points, as directed by the engineer-in-charge for the proper identification of construction area. He shall be responsible for all damage and accidents cause due to negligence on his part.
- A22. The Malba/Garbage removed from the site should be disposed off by the contractor at suitable place as directed by the Engineer-In-Charge.
- A23. All work and material broke and left upon the ground by the contractor or by his orders for the purpose of forming part of the work, are to be considered the property of the Governor of Mizoram and the same are not to be removed or taken away by the contractor or by any other person without a special license and consent in writing of the Engineer-In-Charge but the Governor of Mizoram is not to be held in anyway responsible for any loss or damage which may happen to or in respect of any such work or material either by the same being lost or damaged by weather or otherwise.
- A24. The Contractor will be responsible to provide potable and safe drinking water to labour engage in execution of work.
- A25. Not Applicable

- A26. The Contractor shall construct suitable godown at the site of work for storing the materials safe against damage due to sun, rain, dampness, fire, theft, etc. He shall also employ necessary watch and ward establishment for the purposed and no extra claim whatsoever shall be entertain an this account.
- A27. Not Applicable
- A28. Contractor may be required to execute the work under foul position. The decision of the engineer-in-charge whether the position is foul or not shall be final and binding on the contractor.
- A29. Not Applicable
- A30. Not Applicable
- A31. The contractor shall execute the difference items simultaneously, as far as possible, so that minimum breakage and repairs are involved.
- A32. Not Applicable
- A33. Some restrictions may be imposed by the security staff, etc, on the working and / or movement of labourers, materials, etc. The contractor shall be bound to follow all such restrictions, instructions and nothing extra shall be payable on this account.
- A34. Not Applicable
- A35. Not Applicable
- A36. Not Applicable
- A37. Not Applicable
- A38. Not Applicable
- A39. **ADDITIONAL CONDITIONS TO BE INCORPORATED IN AGREEMENTS WHERE DEPARTMENTAL ISSUE OF CEMENT AND STEEL IS NOT STIPULATED.**

— Not Applicable

## **B. SPECIAL CONDITIONS**

**B1. Reference Points:**

Contractor shall provide permanent bench marks, flags tops and other reference points for the proper execution of work and these shall be preserved till end of the work. All such reference points shall be in relation to the levels and locations, given in the Architectural and Plumbing drawings.

**B2. Completion Drawings:**

Not Applicable

**B3. Condition for Sanitary and water supply fittings:**

Not Applicable

B4. Not Applicable

B5. Not Applicable

B6. Not Applicable

B7. The Contractor shall made his own arrangement for obtaining electric connections, if required, and make necessary payment directly to the department concerned and nothing extra shall be payable on this account.

B8. Not Applicable

B9. Not Applicable

B10. Not Applicable

B11. The contractor shall submit a detailed programme in the form of CPM/PERT chart to the Engineer-In-Charge within 15 days of award of work and shall be got approved from him. The programme chart should include the following -

- a) Network CPM/PERT diagram prepared as per existing practice.
- b) Descriptive note explaining sequence of various activities.
- c) Programme of mobilization of machinery/equipments and their deployments.

The Programme chart will have to be updated on fortnightly basis and will be submitted to the engineer-in-charge regularly. The approval by the Engineer-In-Charge of such programmes or the furnishing of such particulars shall not relieve the Contractor of any of his duties of responsibilities under the contract. This is without prejudice to the right of the Engineer-In-Charge to take action against contractor as per terms and conditions of the agreement.

B12. Not Applicable

- B13. Not Applicable
- B14. All tools, plant and machinery provided by the contractor shall when brought to the site, be deemed to be exclusively intended for constructions and completion of this work and the contractor shall not removed the same or any part thereof without the consent of the Engineer-In-Charge.
- B15. Not Applicable
- B16. Not Applicable
- B17. The rate quoted by the Contractor shall be all inclusive keeping in mind the specifications, additional and special conditions in view and nothing extra shall be payable whatsoever, unless otherwise specified.
- B18. All arrangements for establishment, watch & ward, police permission, appropriate vehicles for transportation, etc., shall have to be arrange by the contractor and nothing extra on this account shall be payable.
- B19. Not Applicable
- B20. Not Applicable
- B21. Not Applicable
- B22. Not Applicable
- B23. Not Applicable
- B24. Not Applicable
- B25. Not Applicable
- B26. Not Applicable
- B27. Not Applicable
- B28. Not Applicable
- B29. Not Applicable
- B30. Work contract tax/state govt. VAT on work contract shall be deducted from all running/final bills as applicable from the gross value of work done.

## **C. GENERAL SPECIFICATIONS**

- C1. Except for the items, for which particular specifications are given or where it is specifically mentioned otherwise in the description of the items in the schedule of Quantities, the work shall generally be carried out in accordance with CPWD specifications 1996 Vol. I to VI and revised CPWD Specifications 2002 for Cement Mortar, Cement concrete and RCC Works with up-to-date correction slips (herein after referred as CPWD Specifications) and instruction of the Engineer-in-Charge. Wherever CPWD Specifications are silent, the latest Indian Standard Codes/Specifications shall be followed.
- C2. Should there be any discrepancy/variation between CPWD Specifications, particular Specifications, IS Code/Specification applicable at the time of receipt of tender for any item, then the order of precedence regarding the applicability of the Specifications for the item shall be as under:
- i) As per nomenclature of the item in the schedule of quantities.
  - ii) As per particular specifications given.
  - iii) As per CPWD Specifications.
  - iv) As per relevant IS Code/Specification as applicable at the time of receipt of tender.
  - v) As per direction of Engineer-in-Charge given in writing, based on acceptable sound engineering practice and local usage.
- C3. Not Applicable
- C4. Unless, otherwise specified in the Schedule of Quantities, the rates tendered by the Contractor shall be considered as all inclusive and shall apply to all heights, leads and depths and nothing extra shall be payable on this account.
- C5. The rates for all items of work shall unless clearly specified otherwise, include cost of all labour, material/tools and plants and other inputs involved in the execution of item.
- C6. Unless otherwise specified in the Schedule of Quantities, the rates for all items shall be considered as inclusive of pumping/bailing out water, if necessary.
- This condition shall be considered to include water from any source, such as rain, flood, surface and sub soil water, etc., and shall apply for execution in any reason.
- C7. Not Applicable
- C8. The foundation trenches shall be kept free from water while works below ground level are in progress. Nothing extra shall be paid on this account.
- C9. Not Applicable
- C10. Not Applicable

- C11. Not Applicable
- C12. Not Applicable
- C13. Not Applicable
- C14. Not Applicable
- C15. Not Applicable
- C16. Not Applicable
- C17. Not Applicable
- C18. Not Applicable
- C19. Not Applicable
- C20. Not Applicable
- C21. Not Applicable
- C22. Not Applicable
- C23. Not Applicable
- C24. Not Applicable
- C25. All the materials used in the work shall comply with the requirement of Engineer-in-Charge shall pass all the tests and analysis required by him as per particular specifications as applicable or such recognized specification as acceptable to the Engineer-in-Charge.
- C26. Not Applicable
- C26.1. Not Applicable
- C.27. Not Applicable
- C28. Not Applicable
- C29. Not Applicable
- C.30. Not Applicable
- C.31. Wherever any references to any Indian Standard Specifications occur in the documents relating to this contract same shall be inclusive of all amendments issued thereto or revision thereof if any, up to date of the tender receipt.
- C32. Not Applicable
- C33. Not Applicable.
- C34. Not Applicable
- C35. Not Applicable
- C36. Not Applicable

C37. Not Applicable

C38. Not Applicable

C39. Not Applicable

C40. Rates for the items is inclusive of cost of all labour, materials, T&P, incidental charges, contractor's profit and overheads unless otherwise specified. The contractors shall quote the rates accordingly.

## **D. PARTICULAR SPECIFICATIONS**

### **D.1.0 EARTH WORK**

- 1.1 The rate unless specified otherwise shall include bailing out water due to subsoil condition, rains, floods, springs etc and the area shall be kept dry when the work is in progress below water table. Nothing extra is to be paid for removal of slush etc, while excavating under water.
- 1.2 The excavated earth shall be disposed off at the specified location in the item. The tenderer may inspect the actual location of the site for disposal of earth so as to acquaint himself with the route and distance for the cartage.

### **D.2.0 R.C.C WORK**

#### **D.2.1 Centering and Shuttering**

Not Applicable

#### **D.2.2 Ingredients :-**

Not Applicable

#### **D.2.3 STANDARD OF ACCEPTANCE**

Not Applicable

D.2.4 Not Applicable

#### **D.2.5 R.C.C WORK (DESIGN MIX CONCRETE)**

Not Applicable

2.5.1 Not Applicable

2.5.1.1 Not Applicable.

2.5.1.2 Not Applicable.

2.5.1.3 Not Applicable.

2.5.2 Not Applicable

2.5.3 Not Applicable

2.5.4 Not Applicable

#### **2.5.5 APPROVAL OF DESIGN MIX :**

Not Applicable

**2.5.8 BATCHING, MIXING, TRANSPORTATION, PLACING & COMPACTION:**

Not Applicable

**2.5.9 PREPARATION OF MIXES AS PER APPROVED DESIGN MIX AND CONDUCTING CONFORMITY TEST FIELD LAB:**

Not Applicable

**2.5.10 WORK STRENGTH TEST:**

Not Applicable

**2.5.11 STANDARD OF ACCEPTANCE**

Not Applicable.

**2.5.12 Measurement – As per CPWD Specifications.**

**2.5.13 Tolerances – As per CPWD Specifications.**

**2.6 QUALITY CONTROL OF READY MIXED CONCRETE:**

Not Applicable.

**D.2.7. PRE-CAST WORK**

Not Applicable

**D.3.0 SCAFFOLDING:**

Not Applicable.

**D.4.0 FLOORING:**

Not Applicable

**D.5.0 WOOD WORK/JOINERY WORK**

Not Applicable

**D.6.0 FACTORY MADE SHUTTERS**

6.1.1 Not Applicable

**D.7.0. STEEL WORK:**

Not Applicable

**D.8.0 WATER PROOFING TREATMENT**

Not Applicable

**D.9.0. SPECIFICATIONS FOR WATER SUPPLY, SEWERAGE AND DRAINAGE**

Not Applicable

**GUARANTEE BOND TO BE EXECUTED BY THE CONTRACTOR FOR WATER PROOFING TREATMENT FOR BASEMENT/TERRACE/TOILETS.**

Not Applicable

**GUARANTEE TO BE EXECUTED BY THE CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER SUPPLY AND SANITARY INSTALLATIONS**

Not Applicable

**E.5 LIST OF MATERIALS OF APPROVED MAKE**

Not Applicable

**E.5.B. Sanitary fixtures and Faucets**

Not Applicable

**E-3. PROFORMA FOR THE CEMENT REGISTER**

Not Applicable

**F. Additional specification & condition for Electrical Conduit works.**

Not Applicable

## Issue of Performa for Earnest Money (Bank Guarantee)

(No. DWG/CON/254 dt. 06.10.2010)

### FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, contractor ..... (Name of contractor) (Hereinafter called “the Contractor”) has submitted his tender dated ..... (date) for the construction of ..... (name of work) (Hereinafter called “the Tender”)

KNOW ALL PEOPLE by these presents that we ..... (name of bank) having our registered office at ..... (hereafter called “the Bank”) are bound unto ..... (Name and division of Executive Engineer) (hereinafter called “the engineer-in-charge”) in the sum of Rs. .... (Rs. In words .....

..... ) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the common Seal of the said Bank this ..... Day of ..... 20.....

THE CONDITIONS of this obligation are :

- (1) If after tender opening the contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
  - a) Fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required; Or
  - b) Fails to refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and instructions to contractor, Or
  - c) Fails to refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor, Or
  - d) Fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge up to the above upon receipt of his first written demand, without the Engineer-in-Charge having substantiates his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date \* ..... after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.

Date .....

WITNESS .....

(SIGNATURE, NAME AND ADDRESS)

SIGNATURE OF THE BANK

SEAL

Date should be worked out on the basis of validity period of 6 months from last date of receipt of tender.

# Form of Performance Security (Guarantee)

## Bank Guarantee Bond

1. In consideration of the Governor of Mizoram (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed agreement between \_\_\_\_\_ and \_\_\_\_\_ (hereinafter called "the said Contractor(s)") for the work \_\_\_\_\_ (hereinafter called "the said agreement") having agreed to production of irrevocable Bank Guarantee for Rs \_\_\_\_\_ (Rupees \_\_\_\_\_ only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

We, \_\_\_\_\_ (hereinafter referred to as "the Bank") hereby undertake to

*(indicate the name of the Bank)*

pay to the Government an amount not exceeding Rs \_\_\_\_\_ (Rupees \_\_\_\_\_ only) on demand by the Government.

2. We, \_\_\_\_\_ (hereinafter referred to as "the Bank") do hereby undertake to  
*(indicate the name of the Bank)*

pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regard the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs \_\_\_\_\_ (Rupees \_\_\_\_\_ only).

3. We, the said bank further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We, \_\_\_\_\_ further agree that the guarantee herein contained shall  
*(indicate the name of the Bank)*

remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of the Government certified that the terms and

conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We, \_\_\_\_\_ further agree with the Government that the Government shall  
(*indicate the name of the Bank*)

have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or postpone for any time or from time to time any of the powers exercisable by the Government against the said Contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. We, \_\_\_\_\_ lastly undertake not to revoke this guarantee except with  
(*indicate the name of the bank*)

the previous consent of the Government in writing.

8. This guarantee shall be valid upto \_\_\_\_\_ unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted in Rs \_\_\_\_\_ (Rupees \_\_\_\_\_ only) and unless a claim in writing is lodged with us within six months of the date of expiry of the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the \_\_\_\_\_ day of \_\_\_\_\_ for \_\_\_\_\_ (indicate the name of the bank)

## Bid Security (Bank Guarantee)

Whereas *[name of Bidder]* (hereinafter called “the bidder”) has submitted his Bid dated *[date]* for the construction of *[name of Contract]* (hereinafter called “the Bid”).

Know all people by these presents that We *[name of Bank]* of *[name of country]* having our registered office at *[address]* (hereinafter called “the Bank”) are bound unto *[name of Employer]* (hereinafter called “the Employer”) in the sum of *[amount]* \*\* for which payment well and truly to be made of the said Employer, the Bank bids itself, its successors, and assigns by these presents.

Sealed with the Common Seal of the said Bank this *[day]* day of *[month]*, *[year]*.

The conditions of this obligation are:

- 1) If, after Bid opening, the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid; or
- 2) If the Bidder having been notified of the acceptance of his Bid by the Employer during the period of Bid validity:
  - a) fails or refuses to execute the Form of Agreement in accordance with the instructions to Bidders, if required; or
  - b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders; or
  - c) does not accept the correction of the Bid Price.

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him owing to the occurrence of one or any of the three conditions, specifying the occurred condition or conditions.

Date \_\_\_\_\_ Signature of the Bank

\_\_\_\_\_

Witness \_\_\_\_\_ Seal

\_\_\_\_\_

\_\_\_\_\_

*[signature, name and address]*

\*\*The Bidder should insert the amount of the Guarantee in word and figures denominated in the currency of the Employer’s country or an equivalent amount in a freely convertible currency.

# BANK GUARANTEE

(for Equipment/Mobilization Advance)

(Clause 10B (ii) & (iii) of Conditions of Contract)

To,

*The Chief Engineer, PWD (Employer)*

\_\_\_\_\_

*Aizawl: Mizoram.*

Subject: - *(Please state the name of the work).*

Sir,

In accordance with the provision of the Conditions of Contract, in respect of Equipment/Mobilization Advance of the Contract Agreement for the above named work, (*hereinafter called "the Contract"*) shall deposit with (*Name of Employer*) \_\_\_\_\_

\_\_\_\_\_ *a bank guarantee in an amount of (Amount of Guarantee) \_\_\_\_\_*

\_\_\_\_\_ *(in words)*

We, the (Bank) \_\_\_\_\_ as instructed by the Contractor, agree unconditionally and irrevocably to guarantee, as primary obligator and not as surety merely, the payment to (*Name of Employer*) \_\_\_\_\_ on his first demand, without any right of objection on our part and without his first claim to the Contractor, in the amount not exceeding (*Amount of Guarantee*) Rs \_\_\_\_\_ (*in words*) \_\_\_\_\_ in the event that the contractual obligations expressed in the said Clause of the above mentioned contract have not been fulfilled by the Contractor giving the right of claim to the Employer for recovery of the whole part of the Mobilization Advance Loan from the Contractor under the Contract or the Contractor's employment has been terminated in accordance to the said Conditions of Contract.

We further agree that no change or addition to or other modification of the terms of the Contract of works to be performed there under or of any of the Contract Documents which may be made between (*name of Employer*) \_\_\_\_\_ and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall remain valid and in full effect from the date of the advance loan payment to the Contractor under the Contract until.

- a) (*Name of Employer*) \_\_\_\_\_ receives full repayment of the same amount including interests thereon, if any, from the Contractor.

b) \_\_\_\_\_ (*Insert date to cover time period for completion plus 12 months defects liability period*).

Yours truly

SIGNATURE AND SEAL

\_\_\_\_\_

*(Name and Designation)*

Name of Bank/Financial Institution \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

WITNESS            1.

2.

# Standard Form of Agreement

(Notes on Standard Form of Agreement)

The Agreement should incorporate any corrections or modifications to the Bid resulting from corrections of errors (Instructions to Bidders, Clause 26).

## Agreement

This agreement made the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between \_\_\_\_\_ [name and address of Employer] (hereinafter called “the Employer”) of the one part, and

\_\_\_\_\_ [name and address of Contractor] (hereinafter called “the Contractor”) of the other part).

Whereas the Employer is desirous that the Contractor execute \_\_\_\_\_ [name and identified number of Contract] (hereinafter called “the Works”) and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein at a cost of Rupees.....

## **NOW THIS AGREEMENT WITNESSETH** as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying the defects wherein the Contract price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

- i) Letter of Acceptance;
- ii) Notice to proceed with the works;
- iii) Contractor's Bid;
- iv) Contract Data;
- v) Special Conditions of Contract and General Conditions of Contract;
- vi) Specifications;
- vii) Drawings;
- viii) Bill of Quantities; and
- ix) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of

---

was hereunto affixed in the presence of

Signed, Sealed and Delivered by the said

---

---

In the presence of:

Binding Signature of Employer

---

Binding Signature of Contractor

---

**GOVERNMENT OF MIZORAM**  
**PUBLIC WORKS DEPARTMENT**

Unit.....

**INDENTURE FOR SECURED ADVANCES**

THIS INDENTURE made the.....day of .....BETWEEN

hereinafter called the Contractor (which expression shall, where the context so admits or implies, be deemed to include his executor, administrators and assigns on the one part) and the Clients (which expression shall, where the contexts so admits or implies, be deemed to include its successors in office and assigns) on the other part.

WHEREAS be an agreement dated

*(hereinafter called the said Agreement)* the Contractor has agreed. AND WHEREAS the contractor has applied to the Corporation that he may allowed advance on the security of materials absolutely belonging to him and brought by him to the site of the works subject to the said agreement for use in the construction of such of the works as he has undertaken to execute at rates fixed for the finished work *(inclusive of the cost of materials, and labour and other charges)* AND WHEREAS the Department has agreed to advance to the Contractor the sum of Rupees

on the security of materials, the quantities and other particulars of which are detailed in Part-II of a running account Bill(B) for the said work signed by the contractor on and the Client has reserved to himself the option of making any further advance or advances on the security of other materials brought by the contractor to site of said work.

NOW THIS INDENTURE WITNESSETH that in pursuance of said Agreement and in consideration of the sum of Rupees

on or before the execution of these present Agreement paid to the contractor by the Department *(the receipt where of the contractor hereby acknowledge)* and of such further advance *(if any)* as may be made to him as aforesaid the Contractor hereby agrees with the Department and declares as follows: -

1. That the sum of Rupees \_\_\_\_\_ as advance by Department to the Contractor as aforesaid and all or any further sum of sums advanced as aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.
2. That the materials detailed in the said Running Account Bill (B) which have been offered to and accepted by the Department as security are absolutely the Contractor's own property and free from encumbrances of any kind and the Contractor will not make any application for or received a further advance on the security or materials which are not absolutely his own property and free from encumbrances of any kind and the Contractor indemnifies the Department against any claims to any materials in respect of which an advance has been made to him as aforesaid.
3. That the materials detailed in the said Running Account Bill (B) and all other materials on the security of which any further advance may be used by the Contractor solely on the execution of the said works in accordance with the directions of the project in charges of Department and in terms of the said agreement.
4. That the Contractor shall make at his own cost all necessary and adequate arrangements for the proper safe custody and protecting against all risks of the said materials and the until used in construction as aforesaid the said materials shall remain at the site if the works in the Contractor's custody and his own responsibility and shall at all times be open to inspection by the project –in-

charge or any thereof being stolen, destroyed or damaged or becoming deteriorated in greater degree than is due to reasonable use and wear thereof, the Contractor will replace the same with other materials of like quality or repair and make good the same as required by the Engineer-in-charge.

5. That the said materials shall not on any account be removed from the site of the work except with the written permission of the Engineer-in-charge or an Officer authorized by him on that behalf.
6. That the advance shall be repayable in full when or before Contractor receives payment from the Department of the price payable to him for the said works under the terms and provisions of the said agreement, provided that if any intermediate payments are made to the Contractor on account of work done then on the occasion of each payment the Department will be at liberty to make a recovery from the Contractor's bill for such payment by deducting there from the value of the said materials that have been actually used in the construction and in respect of which recovery has not been made previously, the value for this purpose being determined in respect of each description of materials at the rates at which the amounts of the advance made under these presents were calculated.
7. That if the Contractor shall at any time make any default in the performance of observance in any respect of any of the terms and provisions of the said agreement or these provisions the total amount or the advance or advances that may still be owing to the Department shall immediately on the happening of such default be repayable by the Contractor to the Department together with interest thereon at 12 percent per annum from the date of payment and with all costs charges damages and expenses incurred by the Department in or for the recovery hereof or the enforcement of this security or otherwise by reasons of the default of the Contractor and the Contractor hereby covenants and agree with the Client to repay and pay the same in all respects to him accordingly.
8. That the Contractor hereby accepts charges for all the said materials with the repayment to the Client of the said sum of Rs. and further sum or sums advances and all costs, charges, damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that not with-standing anything prejudice to the powers contained therein and whatever the convenient for payment and repayment hereinbefore contained shall become enforceable and the money owing shall not be paid in accordance therewith the Client may at any time thereafter adopt all or any of the following course as he may deem best.
  - a) Seizes and utilizes the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in this behalf contained in the said agreement defaulting the Contractor with actual cost effecting such completion and the amount due in respect of advance under these presents and crediting the Contractor with the value done as if he had carried it out in accordance with said agreement and the rates thereby provided if the balance is against the Contractor he is to pay the same to the Department on demand.
  - b) Remove and sell by public auction the seized materials or any part thereof an out of the money arising thereof and sales retain all the same aforesaid repayable or payable to the client under these presents and pay over the surplus (if any) to the Contractor.
  - c) Deduct all or any part of the money owing out of the security deposit of any sum due to the Contractor under the said agreement.
9. Except in the event of such default on the part of the Contractor as aforesaid interest of the advance shall not be payable.
10. That in the event of any conflict between the provisions of the present and the said agreements the provisions of the presents shall prevail and in the event of any dispute of difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore

expressly provided for the same shall be referred to the Engineer-in-Charge, whose decision shall be final and the provisions of the Indian Arbitration Act for the time being in force shall not apply to any such reference.

IN WITNESS whereof the said

and by the order under the Directions of the Department have hereunto set their respective hands the day and year first above written.

Signed sealed and delivered by

the said Contractor

In the presence of: -

	Signature
Witness	Name
	Address

Signed by

by the order and direction of Clients

	in the presence of
	Signature
Witness	Name
	Address

**FORM**  
**APPLICATION FOR EXTENSION OF TIME**  
**PART – 1**

1. Name of Contractor
  
2. Name of the work as given in the agreement
  
3. Agreement No.
  
4. Estimated amount put to tender
  
5. Date of commenced of work as per Agreement
  
6. Period allowed for completion of work as per Agreement
  
7. Date of completion stipulated in agreement
  
8. Period for which extension of time has been given previously granted
  - a) 1<sup>st</sup> extension vide EE;s No. \_\_\_\_\_ dated \_\_\_\_\_ for \_\_\_\_\_ days
  
  - b) 2<sup>nd</sup> extension vide EE's No. . \_\_\_\_\_ dated \_\_\_\_\_ for \_\_\_\_\_ days
  
  - c) 3<sup>rd</sup> extension vide EE No. . \_\_\_\_\_ dated \_\_\_\_\_ for \_\_\_\_\_ days
  
  - d) 4<sup>th</sup> extension previously EE No. . \_\_\_\_\_ dated \_\_\_\_\_ for \_\_\_\_\_ days
  
  - e) Total extension previously given \_\_\_\_\_ days.

9. Reasons for which extension have been previously  
*(copies of the previous application should be attached)*

10. Hindrance on account of which extension is applied for, with dates on which hindrances occurred and the period for which these are likely to last.

- a) Serial No.
- b) Name of hindrance
- c) Date of Occurrence
- d) Period for which it is likely to last
- e) Period for which extension required for this particular hindrance
- f) Over lapping period, if any, with reference to item (d)
- g) Net extension applied for
- h) Remarks, if any
- i) Total period for which extension is now applied for on account of hindrances mentioned above month/days)

11. Extension of time required for extra work

12. Detail of extra work an amount involved

a) Total value of extra work

b) Proportionate period of extension of time based estimated amount put to tender on account of extra work.

Total extension of time required for 10 & 12

**Submitted to the Sub Divisional Officer** \_\_\_\_\_

**Signature of Contractor** \_\_\_\_\_

**Dated** \_\_\_\_\_

**APPLICATION FOR EXTENSION OF TIME-**

**PART -II**

(To be filled in by the sub-Divisional Officer)

1. Date of receipt of application form the Contractor  
  
in the Sub-Division Office
2. Acknowledgement issued by S.D.O. vide his No. \_\_\_\_\_ Dated \_\_\_\_\_  
regarding hindrances mentioned by the Contractor.
3. Remarks of the SDO on the reasons given by the contractor are correct and what extension, if any is recommended by him. If he does not recommend the extension, reasons for rejections should be given.

Signature of SDO \_\_\_\_\_

Dated \_\_\_\_\_

(To be filled in by the Executive Engineer)

1. Date of receipt in the Divisional Officer.
2. Executive Engineer's remarks regarding hindrances mentioned by the contractor.
  - i) Serial No.
  - ii) Nature of hindrances
  - iii) Date of Occurrence
  - iv) Period for which hindrance is likely to last
  - v) Extension of time applied for by the contractor
  - vi) Overlapping period, if any, giving reference to items which overlap
  - vii) Net period for which extension is recommended
  - viii) Remarks as to why the hindrance occurred and justification for recommendation.
  - ix)
3. Executive Engineer's recommendations  
*(The present progress of the work should be stated and whether the work is likely to be completed by the date up to which extension has been applied for . If extension time is not recommended, what compensation is proposed to be levied under clause 2 of the agreement)*

Signature of Executive Engineer

Dated

S.E's recommendations

Signature of Superintending  
Engineer

**PROFORMA FOR EXTENSION OF TIME**

**PART –III**

To

Name

Address of the Contractor

Subject: -

Dear Sir(s)

Reference your letter No. \_\_\_\_\_ dated \_\_\_\_\_ in connection with the application for extension of time for completion of the work \_\_\_\_\_

The date of completion for the above mentioned work as stipulated in the Agreement is \_\_\_\_\_

Extension of time for completion of the above mentioned work is granted upto \_\_\_\_\_ without prejudice to the right of the Client to recover compensation for delay in accordance with the provisions of the Agreement dated the \_\_\_\_\_

Provided that notwithstanding the extension hereby granted, time is and shall still continue to be the essence of the said Agreement.

Yours faithfully

*Executive Engineer, PWD*

\_\_\_\_\_ *Division* \_\_\_\_\_

\_\_\_\_\_ : *Mizoram*

*for and on behalf of the Governor of Mizoram.*

**Form**  
**UNDERTAKING**

I, the undersigned, do hereby undertake that our firm

M/S .....

would invest

a minimum cash up to 25% of the value of the work

during implementation of the Contract.

.....  
*Signed by an Authorized Officer of the Firm*

.....  
*Title of Officer*

.....  
*Name of Firm*

.....  
DATE

**Form**  
**AFFIDAVIT**

1. I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.
  
2. The undersigned also hereby certify that neither our firm M/S ..... have abandoned any work on national Highways in India nor any contract awarded to us for such works have been rescinded, during the last five years prior to the date of the bid.
  
3. The undersigned hereby authorize(s) and request(s) any bank, person, firm or corporation to furnish pertinent information deemed and requested by the Department to verify this statement or regarding my (our) competence and general reputation.
  
4. The undersigned understand and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Department/Project Implementing Agency.

.....  
*Signed by an Authorized Officer of the Firm*

.....  
*Title of Officer*

.....  
*Name of Firm*

.....

DATE

GOVERNMENT OF MIZORAM  
OFFICE OF THE \_\_\_\_\_,  
PUBLIC WORKS DEPARTMENT

No. \_\_\_\_\_

To.  
(Name of Contractor & Address)  
\_\_\_\_\_  
\_\_\_\_\_

Subject: (Name of Work) \_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

1. Your item rate tender for the above mentioned work has been accepted on behalf of the Governor of Mizoram at your tendered amount of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only which is \_\_ % ( \_\_\_\_\_ decimal \_\_\_\_\_ percent) only below/above the estimated cost of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only.
2. Your letter No \_\_\_\_\_ date \_\_/\_\_/\_\_ regarding extending the validity and for getting the Registration of VAT in Mizoram state shall form part of the agreement.
3. You are requested to submit performance Guarantee of Rs. \_\_\_\_\_/- (Rupees \_\_\_\_\_) only within 15 (fifteen) days of issue of this letter. The Performance Guarantee shall be in any of the prescribed form as provided in Clause I of the General Condition of Contract 20\_\_ for CPWD works and shall be valid up to the stipulated period of completion plus 60 days beyond that.
4. You shall be aware of VAT rules in Mizoram state and shall be recovered at source from the bill. You are also registered with Mizoram Government under VAT on work contract.
5. On receipt of prescribed performance guarantee, necessary letter to commence the work shall be issued and site of work shall be handed over to you thereafter.
6. Please note that the time allowed for carrying out the work as entered in the tender is \_\_\_\_\_ (in words \_\_\_\_\_) days/months and will be reckoned after 10 days from the date of issue of this letter.

You are, further requested to immediately submit the physical milestone(s) for progress of work. Such physical milestones duly approved by the department shall form part of the agreement.

for & on behalf of the Governor of Mizoram

Copy to

## **INSTRUCTIONS TO TENDERERS FOR SUBMISSION OF TENDER**

The tenderer should read all the instructions, terms and conditions, contract clauses, nomenclature of items, specifications etc. contained in the tender document very carefully, before quoting the rates.

The tenderer should also read the General Conditions of Contract for CPWD Works 2010, a copy of which is supplied free of cost along with the tender documents. General Conditions of Contract for CPWD Works 2010 forms part of the Agreement with up to date correction slips.

The tender should be signed on all pages of tender documents indicating full address of witnesses and the names of signatories. Tender not signed by the Contractors shall be summarily rejected.

List of works in hand (Progress) at the time of tender should be filled in at Annexure IV of the tender documents.

Any person who submits a tender shall fill up the usual printed form, stating what rate he is willing to undertake each item of works. 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 condition of any sort including conditional rebate, will be summarily rejected.

The rate must be quoted in decimal coinage. Amount must be quoted in full rupees by ignoring up to fifty paise and considering more than fifty paise as rupee one.

Rates must be filled up both in words and figure. Amount should be worked out for all the items. If there are any discrepancy found between the rates written in figures and in words, the rates written in words will be taken as binding.

The Contractor shall quote his rates keeping in mind the specifications, terms & conditions, additional and special conditions etc. and noting shall be payable extra whatsoever unless otherwise specified.

The Contractor shall have to execute guarantee bond in respect of water supply & sanitary installation works, water proofing works as per proforma at Annexure I & II.

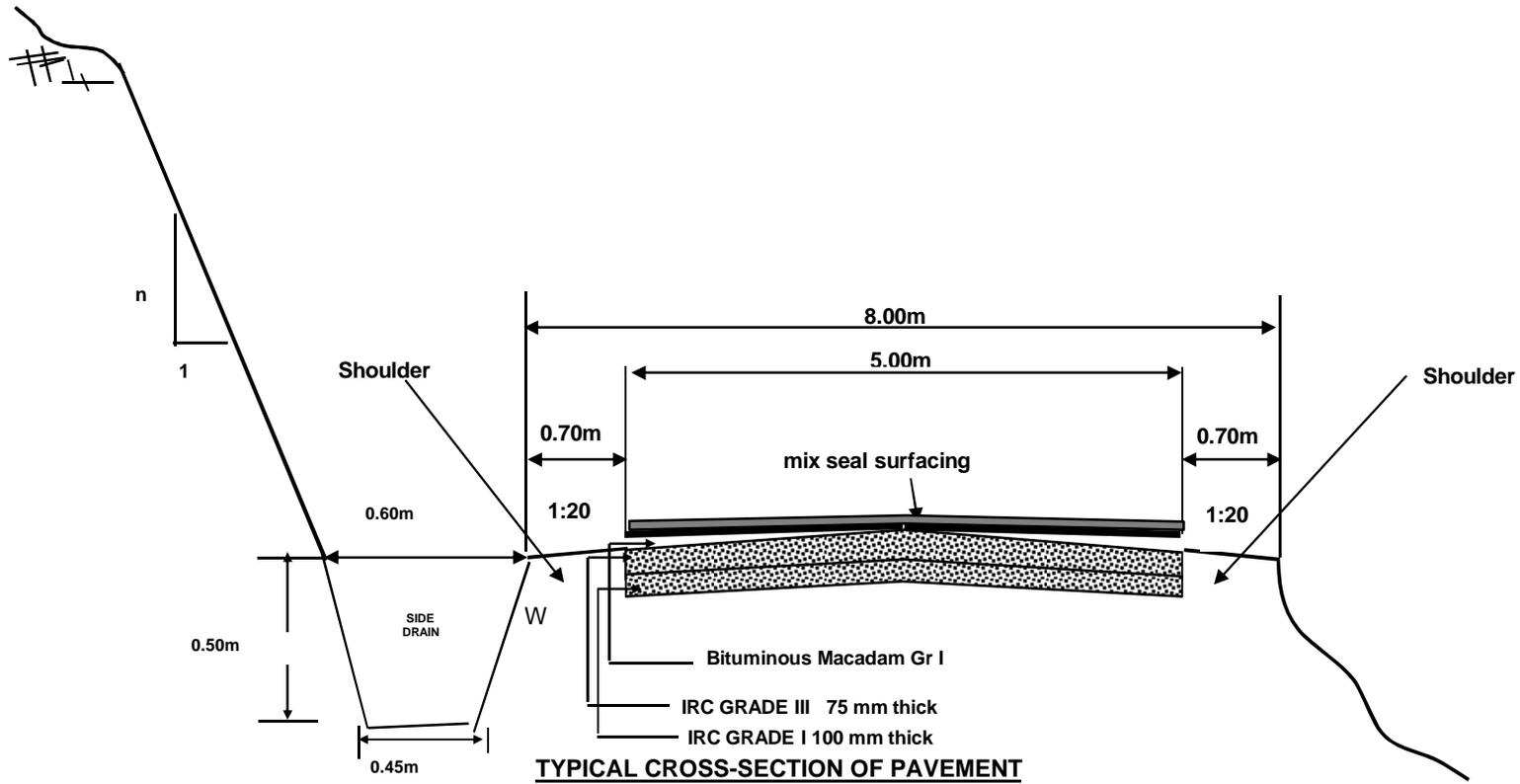
In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of absence of any partner, it must be signed on his behalf by person holding power of attorney authorizing him to do so. Such power of attorney should be produced with the tender and it must be disclosed that the firm is duly registered under the Indian Partnership Act 1952.

Sale tax, excise, work Contract tax, Labour Cess etc. as applicable shall be paid by the contractor himself. The Contractor shall quote his rate considering all such taxes.

The tender which is submitted without Earnest Money or is not duly signed by authorized signatory or is conditional shall be treated as non-responsive and shall be summarily rejected.

# Strengthening of Vaivakawn to Mizoram University

## TYPICAL CROSS SECTION OF ROAD



ALL DIMENSION NOT TO SCALE

**Bill of Quantities for**  
**Strengthening & Widening of Vaivakawn to Mizoram University Road under jnNURM**  
**(SH: Strengthening of Pavement)**

Tendered Amount = ₹ 6,82,38,450.00

Sl. No.	Items of Work	Unit	Quantity	Rate		Amount
				in figure	in words	
1	2	3	4	5	6	7
1	<b>Scarifying Existing Granular Surface to a Depth of 50 mm by Manual Means</b> (Scarifying the existing granular road surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.)	m <sup>2</sup>	52,500.00			
2	<b>Compacting original ground supporting subgrade</b> (Loosening of the ground upto a level of 500 mm below the subgrade level, watered, graded and compacted in layers to meet requirement of table 300-2 for subgrade construction.)	m <sup>3</sup>	12,075.00			
3	<b>Water Bound Macadam</b> (Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber , applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density). (A) By Manual means					
	<b>(i) Grading- I</b> (b) Using Screening Type-A (13.2mm Agg.)	m <sup>3</sup>	5,250.00			
	<b>(iii) Grading- III</b> (b) Using Screening Type-B (11.2mm Agg.)	m <sup>3</sup>	3,937.50			
4	Prime coat (Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means.)	m <sup>2</sup>	52,500.00			

Sl. No.	Items of Work	Unit	Quantity	Rate		Amount
				in figure	in words	
1	2	3	4	5	6	7
5	<b>Bituminous Macadam</b> (Providing and laying bituminous macadam with 100-120 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction) <b>Using Bitumen 60/70 grade for Grading-I ( 40 mm nominal size )</b>	m <sup>3</sup>	3,150.00			
6	Tack coat (Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom.)	m <sup>2</sup>	52,500.00			
7	<b>Close Graded Premix Surfacing/Mixed Seal Surfacing</b> (Mechanical means using HMP of appropriate capacity not less than 75 tonnes/hour. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-a) or 13.2 mm to 0.09 mm (Type-b) aggregates using penetration grade bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade) A. Using Bitumen 60/70 grade (i) Case-I : Type A	m <sup>2</sup>	52,500.00			

Total =

(Rupees \_\_\_\_\_)

\_\_\_\_\_ ) only

Signature of Contractor