

**PUBLIC WORKS DEPARTMENT**  
**Notice Inviting Expression of Interest**

**No.BC/1/2006-07**

Sealed Expression of Interest (EOI), are invited on behalf of the Governor of Mizoram, from intending eligible consultants, for execution of the under-mentioned consultancy work, so as to reach the Superintending Engineer, Building Circle, Aizawl, Mizoram through registered post/speed post, only (not through courier service) on or before 18.12.2006 by 4.00PM.

The technical bid will be opened, at 11 A.M. on 19.12.2006, in presence of bidders or their authorized representatives, who may be present at the time of opening of the Bids. The undersigned will not be responsible for any delay in receipt of the Bid document.

Group No	Name of work	Time of Completion
C-1/1	Preparation of DPR for Improvement of Road Junctions SH:5 (five) locations connecting NH-54 under JNNURM	Six Months
	Preparation of DPR for Improvement of Road Intersections SH: 7(seven) Points along the Arterial(Main) & Sub-Arterial(Secondary) roads under JNNURM.	
	Consultancy Service for Preparation of Feasibility Report, DPR and Bid Document for Construction of Elevated Road 10Km in length above certain trunk routes under JNNURM	
C-2/1	Consultancy Service for Preparation of Feasibility Report, DPR and Bid Document for Construction of Road Safety and Control Device for Road Safety and Traffic Management of Aizawl City under JNNURM	Twelve Months
	Consultancy Service for Preparation of Feasibility Report, DPR and Bid Document for Construction of Underground Utility line with road side drain and Street Lighting along the road under JNNURM	
	Preparation of DPR for Construction of Pedestrian Side walk and Underground Pedestrian Subway under JNNURM	
C-2/2	Consultancy Service for Preparation of Feasibility Report, DPR and Bid Document for Construction of Arial Ropeways under JNNURM on the following Routes.	Twelve Months
a	Chaltlang-Hangi Lunglen tlang near ATC	
b	Maubawk to High court	
c	Zemabawk to Ramhlun	
d	Maubawk - Reiek Tourist Centre LS	
C-2/3	Construction of Ring Roads SH: Rangvamual to ISBT, Maumual to Chite Valley via Tunnel to avoid Bawngkawn goose neck and to connect Eastern Aizawl City Bypass including Tunnel Alignment Survey	Twelve Months

1. Detail condition to be submitted with the bid can be downloaded from <http://mizopwd.nic.in>
2. Mere submissions of Tender Document does not guarantee for fulfillment of eligibility criteria.
3. Pre-Bid conferencing and site visit will be arranged by the undersigned between 4<sup>th</sup> to 8<sup>th</sup> December 2006 during office hours.
4. The authority reserves the right to reject any or all offers without assigning any reason thereof.
5. Those bidder whose EOI are found to be technically responsive will be invited to submit financial bid which will I be informed to the eligible bidders later on at a specified time, to be communicated through E-Mail/Fax (within approx.30 days) from opening of Technical Bid

Telefax: 0389-2323346  
Email: [duhsaka@yahoo.com](mailto:duhsaka@yahoo.com)

**Sd/-**  
**(VANLAL DUHSAKA)**  
**Superintending Engineer, PWD,**  
**Building Circle,**  
**Treasury Square,**  
**Aizawl -796001, Mizoram**

Signature of bidder

**Memo No – RN/SE-BC/2006/01-CDP/\_\_\_\_\_ Dated Aizawl the \_\_\_\_\_ Nov 2006**

Copy to :-

1. PS to Chief Minister for kind information of Hon'ble Chief Minister, Mizoram.
2. PS to Chief Secretary to the Govt of Mizoram for kind information of CS
3. Secretary to the Govt of Mizoram Urban Development & Poverty Alleviation for kind information.
4. Secretary to the Govt of Mizoram PWD for kind information. The EOI was floated as per his instruction
5. The Chief Engineer, PWD, Building for kind information
6. The Director UD & PA for kind information.
7. The Director Information & Publicity Department. He is requested to float this Notice Inviting Expression of Interest in the 4 (four) National Paper and 4 (four) Local papers.
8. All CE/SE/EE within Aizawl for information and n/a,
9. All EEs under Building Circle, they are requested to be ready to attend Pre-Bid Conference and show interested bidder location and sites proposed to intending bidder(s).

**Superintending Engineer, PWD,  
Building Circle,  
Public Works Department,  
Mizoram : Aizawl**

**Signature of bidder**

**Public Works Department**  
Detailed Tender Call Notice  
(Technical bid)

<b>Name of work</b>	C-2/3	Construction of Ring Roads SH: Rangvamual to ISBT, Maumual to Chite Valley via Tunnel to avoid Bawngkawn goose neck and to connect Eastern Aizawl City Bypass including Tunnel.
<b>Time of Completion</b>	:	<b>TWELVE MONTHS</b>
<b>Cost of Bid Document</b>	:	<b>No Cost. Download from <a href="http://mizopwd.nic.in">http://mizopwd.nic.in</a></b>
<b>Last Date of Receipt of filled up Bid Documents</b>	:	<b>18.12.2006</b>
<b>Date of Opening</b>	:	<b>Technical Bid :-19.12.2006. at 11:a.m.</b>
<b>Compulsory Enclosures</b>	:	<ul style="list-style-type: none"> <li>(i) Proof of relevant experience &amp; ensuring clearance of similar type of consulting projects (DPRs) from any of the funding agencies, like World Bank/ADB /DFID / JBIC / Any Ministry of GOI / State Govt.</li> <li>(ii) Balance sheet ( For last three years )</li> <li>(iii) Justification showing the annual earning fee from relevant consultancy services during each year.</li> <li>(iv) Company profile.</li> </ul>

**Signature of bidder**

# Public Works Department

## GENERAL CONDITIONS OF THE CONTRACT

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### Eligibility Criteria :

- i) Must have been registered with the competent authority of Central Excise & Customs, GOI for service Tax.
- ii) Must have been registered with of the Regional Provident Commissioner, (RPF) for EPF.
- iii) Must have a VAT (Value added Tax) clearance (Form No-612) certificate or sales Tax clearance certificate.
- iv) Must have Income Tax clearance / PAN.
- v) Must be a consulting firm / consortium /Organisation / Public limited company / Govt. Undertaking with similar type of consultancy work experience, in transportation / road safety, traffic engineering & management and/or any civil engineering works /architectural having at least a minimum turnover of **1.00 (one) Crore**, during each of last three years.
- vi) Must have credentials to ensure clearance of similar type of consulting projects (DPRs) from any of the 'funding agencies like World Bank/ADB /DFID / JBIC Any ministries of Govt. of India / State Govt.

### **Submission and opening of Tender :**

2. The **bid-document** enveloping the **sealed technical**, should reach to the Superintending Engineer, Building Circle, Aizawl, Mizoram, through **Registered Post / speed post only (not through courier)**, on or before 18.12.2006 by 4.00 P.M. The bid shall be duly posted by the bidder, in a sealed cover super-scribing "**Bid for Preparation of DPR Group No C-2/3.**". The envelopes containing the Technical Bid should also be super-scribed accordingly.
3. The technical bid shall be accompanied with following requisites, failing which , the bid shall be liable for out right rejection.
  - (i) Proof of relevant experience & ensuring clearance of similar type of consulting projects (DPRs) from any of the Funding agencies, like World Bank/ADB/DFID/JBIC/Any Ministry of GOI/State Govt.
  - (ii) Balance sheet (For last three years)
  - (iii) Justification showing the annual earning fee from relevant consultancy services during each year.
  - (iv) Company file.
4. Pre-Bid conferencing and site visit will be arranged by the undersigned during 4<sup>th</sup> to 8<sup>th</sup> December 2006 during office hours.
5. (a) The last date of receipt of bid document through Registered /Speed post (Not through courier) is on or before 18.12.2006 by 4:00 P.M., and the technical bid only, will be opened on dt. 19.12.2006 at 11.00 a.m.
6. Strikethrough, over writing, Interpolating, Cutting should preferably be avoided by the tenderer to avoid complications. The authority shall take no responsibility; in the matter of complications arise out of strikethrough, over wiring or interpolating for the tenders should be legible and the decision of the authority is final.
7. The agency may be asked to make a presentation on proposed preparation of DPR, during the selection process.
8. On acceptance of valid technical bid, those bidder whose EOI are found to be technically responsive will be invited to submit financial bid which will I be informed to the eligible bidders later on at a specified time, to be communicated through E-Mail/Fax (within approx.30 days) from opening of Technical Bid
9. The successful tenderer who executes a valid agreement with the Public Works Department shall be treated as consultant and shall abide by the terms and conditions of the agreement, as prescribed from time to time.

**Signature of bidder**

10. The work will be completed in all respect within the stipulated period of completion as mentioned in the Notice Inviting Tender from the date of commencement of the work, will be reflected in the Work Order, when issued by or on behalf of the Chief Engineer, Public Works Department, Aizawl, Mizoram.
11. The Consultant will visit the work site before submission of technical bid. No payment will be made for such visit.
12. The authority reserves the right to reject any or all the tenders without assigning any reason thereof.
13. In case of any legal dispute, the matter shall be dealt within the jurisdiction of Hon'ble High Court of Guwahati, Mizoram Bench.

**Signature of the Bidder**

**Sd/-  
Superintending Engineer, PWD,  
Building Circle,  
Treasury Square,  
Aizawl, Mizoram.**

**Signature of Bidder**

# Public Works Department

## TECHNICAL SPECIFICATION AND SCOPE OF WORK

C-2/2	Construction of Ring Roads SH: Rangvamual to ISBT, Maumual to Chite Valley via Tunnel to avoid Bawngkawn goose neck and to connect Eastern Aizawl City Bypass including Tunnel. Alignment Survey
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**STAGE I : PRE-FEASIBILITY ASSESSMENT** (to be completed within 3 months)

### Scope of Work :

- a. **Identification of exact road intersection to be taken up for intervention.** Out of 16 Nos of roads connecting NH-54 10Nos are identified for pre-feasibility study during the Vision period in the CDP and five Nos identified to be implemented during the JNNURM period around Aizawl city area for intervention. The site requirement for easy flow of traffic, which shall be in conformity with the CDP and in a consultative mode/interactions with local residents, ULB officials and other Govt. and private public stakeholders. Survey by GPS for all such intervention segments, are to be done covering required area of assessment, for alternate options, including Traffic survey.
- b. **Technical feasibility of the segments, indicating nature of intervention.**  
This should cover analysis options and selection of most technically feasible and commercially viable option. An analysis of options would involve delineation of different options and a simulation analysis, based on life cycle costs for implementation. Life cycle costing shall be an integrated cost duly considering environmental, social, legal and regulatory costs that would be associated with a project. This will enable selection of the most suitable option.
- c. **Financial Viability, indicating funds required for implementation.**  
The analysis for financial viability and sustainability shall be undertaken with regard to meeting funding requirements. Financial analysis should be undertaken to structure the project and evolve the optimum financial plan. It should include an assessment of revenues and costs associated with the project to demonstrate the sustainability of the project, cast flows over the planning horizon. Care shall be taken while evolving the balanced financial structure that would meet the socio-political acceptability as well as demonstrate leveraging of JNNURM assistance. Project justification and potential benefits is to be documented with a cost benefit analysis.
- d. **Risk assessment and measures for mitigation.**  
The financial plan should also include an assessment of risks associated with every identified project and the proposed risk management framework for mitigating them.

Signature of bidder

## Indicative Plan of Implementation

### Deliverable :

Pre-Feasibility report containing the above Projects as identified for intervention shall be delivered in 5 hard copies and with at least two power point presentations before the appropriate authority.

**STAGE II: PREPARATION OF DETAILED PROJECT REPORT** (to be completed within 12 months)

### Scope of Work:

Based on the Pre-feasibility report, the consultant is to prepare Detailed Project Reports (DPRs) for the works to be taken up in two phases:

- Phase-I - a) For Consultancy Service for Preparation of Feasibility Report, for Construction of Ring Roads SH: Tunnel Alignment Survey under JNNURM to be deliverable within 3 months from acceptance of pre-feasibility report.
- Phase-II - a) For Consultancy Service for Preparation of Feasibility Report, DPR and Bid Document for Construction of Ring Roads SH: Rangvamual to ISBT, Maumual to Chite Valley via Tunnel to avoid Bawngkawn goose neck and to connect Eastern Aizawl City Bypass excluding Tunnel under JNNURM to be deliverable within 9 months from acceptance of pre-feasibility report.

#### a. Technical Assessment

Physical survey and data collection to include :

- a. Technical data – Extent of spread-over land, their revenue classification, ownership as per record of Revenue Department, details of occupants vis-à-vis their occupation area.
  - b. Existing conditions and problems – Road access, Public utility infrastructure like Drinking water supply, Electricity & other civic amenities.
  - c. Up gradation requirements as per demand of stakeholders ( local residents, VC and State Government, etc)
  - d. Any other data as may be relevant for planning.
- The consultant will collect all the necessary data for traffic impact analysis, i.e. movement of traffic during a full week except festivals or holidays other than Saturday/Sunday. These voluminous data should include traffic movement in a day and per hour and in 15-minutes intervals. To conduct detailed traffic impact analysis, both planning and operational processes are included.
  - The consultant shall conduct, in depth highway capacity analysis, so as to determine the required junction improvement.
  - The analysis should also consider both current and major generators and where the project developments are likely to occur.
  - Such analysis should be prepared for the designed year which is generally the year of the completion of works.
  - The consultant should also consider the benefit/ cost analysis of proposing any major infrastructure-intensive efforts, such as flyovers in lieu of low cost alternatives such as traffic signals.
  - Advanced technology implementation such as planning, design and deployment of Intelligent Transportation System (ITS) should be considered by consultant.

#### b. Detailed Design, Cost estimate & Bill of quantities :

Specifications of PWD / MORTH approved by the competent authority of PWD shall be adopted, and the estimates are to be prepared based on current Schedule of Rates of PWD incorporating of all charges / modification, as & when required by the authorities without any extra cost.

**Signature of bidder**

**c. Other:**

The agency should also carry out necessary studies to ensure **Environmental compatibility, Social and Political acceptability, Legal and regulatory feasibility** and document them, in the DPR under

- Socio-economic impact assessment
- Environmental impact and environmental management plan
- Legal and regulatory implications

Deliverable :

The detailed study undertaken as above is to be documented in the form of a Detailed Project Report accompanied by other documents shall be deliverable.

1. Draft DPR copy to be delivered within the completion of the contract period.
  - a) Phase-I Within 6 months
  - b.) Phase II Within 12 months
2. Draft DPR of each phase after approval by the PWD, so as to be submitted to the funding agency(JNNURM) to be delivered within 10 days from the letter of intimation from PWD along with Power Point Presentation before any Authority in India at their designated places. 5 copies
3. Final DPR, after incorporation of any observations made by the technical approval / appraisal authority on behalf of the funding authority (such as JNNURM,GOI) to be deliverable within 15 days from the letter of intimation from PWD 15 copies

Sd/-

**Superintending Engineer, PWD,**  
Building circle,  
Mizoram : Aizawl

**Signature of bidder**