## Invitation for Bids

**Date of Invitation:** 17 November 2017  
**Loan Number and Title:** Loan 3368-LAO: Road Sector Governance and Maintenance Project  
**Deadline for Bids:** 18 December 2017; 14:00h

1. The Lao People's Democratic Republic (the "Borrower") has received financing from the Asian Development Bank (ADB) in the form of a loan toward the cost of Road Sector Governance and Maintenance Project (RSGMP). Part of this financing will be used for payments under the Contract named above. Bidding is open to Bidders from eligible source countries of ADB.

2. The Department of Roads (DoR) of the Ministry of Public Works and Transport (MPWT) (the "Employer") invites sealed bids from eligible bidders which meet the qualification criteria prescribed in Section 3 of the Bidding Documents for the execution and completion of five (5) contracts in the Provinces Salavan, Xekong and Attapeu.

   The contracts are **Hybrid Performance-Based Contracts** which combine an admeasurement component for initial rehabilitation, repair and spot improvement works to bring the full road length into a good condition, which is followed by a lump-sum component for routine maintenance on a performance basis. These contracts cover three main elements as established in the Bidding Documents (the "Works"):

   a) **Rehabilitation Works** that are specified, measured and paid for in terms of quantities of actual work completed and unit rates included in the Bills of Quantities in the same way as in a conventional contract;

   b) **Performance-based Maintenance Works** that are assessed qualitatively against service levels that describe the standards the contractor is required to achieve, and paid for through a monthly price per km. Payments are reduced if the service levels are not respected; and

   c) **Emergency Works** for which provisional sums will be included in the Contract and actual work completed will be measured and paid for in terms of quantities of actual work completed and unit rates included in the Bills of Quantities. These Works shall be performed immediately upon knowledge on the occurrence of such events, or within the period laid down in a special Employer's work order.

<table>
<thead>
<tr>
<th>Contract Package No.:</th>
<th>CW 1 Sal-NR 20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Road:</strong></td>
<td>Rehabilitation and Maintenance Works on National Road NR 20 from Salavan City (Red Cross Office) to Champasak Border (56.00 km)</td>
</tr>
<tr>
<td><strong>Estimated Contract Duration:</strong></td>
<td>42 months (12 months for initial Rehabilitation Works plus approximately 30 months Performance-based Maintenance Works)</td>
</tr>
</tbody>
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The estimated approximate key quantities of the works include i.a.:

a) **Rehabilitation Works** : (i) Site Clearing and Grubbing Works: 400 m²; (ii) Earthworks, Excavation: 6,000 m³; (iii) Earthworks, Embankment Fill and Capping Layers: 3,900 m³; (iv) Sub-base and Base Courses and Bituminous Surface Treatment Works (DBST), 6 m wide (plus 1 m wide shoulders), on 0.3 km; (v) Bituminous Pavement Surface Repair Works on 0.9 km length; (vi) 5 nos. Reinforced Concrete Box Culverts; (vii) 3 nos. Reinforced Concrete Pipe Culverts; (viii) Drainage and Erosion Protection Works, e.g. Retaining Walls, Lined Side Drains; (viii) Road Appurtenances and
Miscellaneous Works, including 2,100 m² reflectorized thermoplastic marking, traffic signs, kilometer posts and guide posts.

b) **Performance-based Maintenance Works**: Maintenance and Pavement Surface Repair Works to the extent required to achieve specified service levels;

c) **Emergency Works**: Activities, as need arises on occurrence of emergency events.

More details on the Works are provided in the Bidding Document.

<table>
<thead>
<tr>
<th>Contract Package No.:</th>
<th>CW 2 SaI-LR 6901</th>
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<tbody>
<tr>
<td><strong>Project Road:</strong></td>
<td>Rehabilitation and Maintenance Works on Local Road LR 6901 in Salavan Province, from Junction NR 13S at Ban Thamphuong to Ban Dan and Mekong River Ferry Terminals (22.50 km)</td>
</tr>
<tr>
<td><strong>Estimated Contract Duration:</strong></td>
<td>42 months (18 months for initial Rehabilitation Works plus approximately 24 months Performance-based Maintenance Works)</td>
</tr>
</tbody>
</table>

The estimated approximate key quantities of the works include i.a.:

a) **Rehabilitation Works**: (i) Site Clearing and Grubbing Works: 112,100 m²; (ii) Earthworks, Excavation: 1,000 m³; (iii) Earthworks, Embankment Fill and Capping Layers: 41,000 m³; (iv) Gravel Wearing Course, 5 m wide (plus 1 m wide shoulders), on 15.1 Km length; (v) Sub-base and Base Courses and Bituminous Surface Treatment Works (DBST), 6 m wide (plus 1 m wide shoulders), on 4.8 km; (vi) Rigid Cement Concrete Pavement Works at approaches to structures and steep sections on 0.23 km in total; (vii) 17 nos. Reinforced Concrete Pipe Culverts; (viii) Drainage and Erosion Protection Works, e.g. Retaining Walls, Lined Side Drains; (ix) Road Apportionments and Miscellaneous Works, including reflectorized thermoplastic marking, traffic signs, kilometer posts and guide posts.

b) **Performance-based Maintenance Works**: Maintenance and Pavement Surface Repair Works to the extent required to achieve specified service levels;

c) **Emergency Works**: Activities, as need arises on occurrence of emergency events.

More details on the Works are provided in the Bidding Document.

<table>
<thead>
<tr>
<th>Contract Package No.:</th>
<th>CW 3 Xek-NR 16</th>
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<tbody>
<tr>
<td><strong>Project Road:</strong></td>
<td>Rehabilitation and Maintenance Works on National Road NR 16 from Xekong City to Champasak Border (54.00 km)</td>
</tr>
<tr>
<td><strong>Estimated Contract Duration:</strong></td>
<td>42 months (6 months for initial Rehabilitation Works plus approximately 36 months Performance-based Maintenance Works)</td>
</tr>
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</table>

The estimated approximate key quantities of the works include i.a.:

a) **Rehabilitation Works**: (i) Earthworks, Excavation: 600 m³; (ii) Earthworks, Embankment Fill and Capping Layers: 13,700 m³; (iii) Sub-base and Base Courses and Bituminous Surface Treatment Works (DBST), 12 m wide, on 0.6 km; (iv) Bituminous Pavement Surface Repair Works on 8.6 km length; (v) 2 nos. Reinforced Concrete Box Culverts; (vi) 1 no. Reinforced Concrete Pipe Culvert; (vii) Drainage and Erosion Protection Works, e.g. 1,600 m Retaining Walls;

b) **Performance-based Maintenance Works**: Maintenance and Pavement Surface Repair Works to the extent required to achieve specified service levels;

c) **Emergency Works**: Activities, as need arises on occurrence of emergency events.

More details on the Works are provided in the Bidding Document.

<table>
<thead>
<tr>
<th>Contract Package No.:</th>
<th>CW 4 Xek-LR 7615</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Road:</strong></td>
<td>Rehabilitation and Maintenance Works on Local Road LR 7615, in Xekong Province, from Junction NR 16 to Junction NR 16 (22.70 km)</td>
</tr>
<tr>
<td><strong>Estimated Contract Duration:</strong></td>
<td>42 months (18 months for initial Rehabilitation Works plus approximately 24 months Performance-based Maintenance Works)</td>
</tr>
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</table>

The estimated approximate key quantities of the works include i.a.:

a) **Rehabilitation Works**: (i) Site Clearing and Grubbing Works: 92,000 m²; (ii) Earthworks, Excavation: 22,000 m³; (iii) Earthworks, Embankment Fill and Capping Layers: 25,000 m³; (iv) Gravel Wearing Course, 6.0 m wide, on 15.9 Km length; (v) Sub-base and Base Courses and
Bituminous Surface Treatment Works (DBST), 5 m wide (plus 1 m wide shoulders), on 6.4 km length; (vi) 2 nos. Reinforced Concrete Box Culverts; (vii) 15 nos. Reinforced Concrete Pipe Culverts; (viii) Drainage and Erosion Protection Works, e.g. Retaining Walls, Lined Side Drains; (ix) Road Appurtenances and Miscellaneous Works, including 120 m² reflectorized thermoplastic marking, traffic signs, kilometer posts and guide posts.

b) **Performance-based Maintenance Works**: Maintenance and Pavement Surface Repair Works to the extent required to achieve specified service levels;

c) **Emergency Works**: Activities, as need arises on occurrence of emergency events.

More details on the Works are provided in the Bidding Document.

<table>
<thead>
<tr>
<th>Contract Package No.:</th>
<th>CW 5 Att-NR 18B</th>
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<tbody>
<tr>
<td><strong>Project Road:</strong></td>
<td>Rehabilitation and Maintenance Works on National Road NR 18B from Attapeu City to Vietnam Border (111.90 km)</td>
</tr>
<tr>
<td><strong>Estimated Contract Duration:</strong></td>
<td>42 months (12 months for initial Rehabilitation Works plus approximately 30 months Performance-based Maintenance Works)</td>
</tr>
</tbody>
</table>

The estimated approximate key quantities of the works include i.a.:

a) **Rehabilitation Works**: (i) Site Clearing and Grubbing Works: 2,900 m²; (ii) Earthworks, Excavation: 4,700 m³; (iii) Earthworks, Embankment Fill and Capping Layers: 1,800 m³; (iv) Sub-base and Base Courses and Bituminous Surface Treatment Works (DBST), 5 m wide (plus 1 m wide shoulders), on 0.9 km; (v) Bituminous Pavement Surface Repair Works on 13.6 km length; (vi) Reinforced Concrete Pipe Culverts; (vii) Drainage and Erosion Protection Works, e.g. Retaining Walls, Lined Side Drains; (viii) Road Appurtenances and Miscellaneous Works, including 2,500 m² reflectorized thermoplastic marking, traffic signs, kilometer posts and guide posts.

b) **Performance-based Maintenance Works**: Maintenance and Pavement Surface Repair Works to the extent required to achieve specified service levels;

c) **Emergency Works**: Activities, as need arises on occurrence of emergency events.

More details on the Works are provided in the Bidding Document.

3. National Competitive Bidding (NCB) will be conducted in accordance with ADB’s Single-Stage, One-Envelope (1S1E) Procedure for all five contracts and is open to all Bidders from eligible countries as described in the Bidding Document.

The bidding processes for the contracts CW-1, CW-2, CW-3, CW-4 and CW-5 will be conducted in parallel. Bidders are permitted to submit only one (1) bid per contract, but are allowed to bid for one (1) or more contracts under the Project. If a Bidder submits several successful (lowest evaluated substantially responsive) bids, the evaluation will also include an assessment of the Bidder’s capacity to meet the following aggregated requirements as presented in the bid: Average annual construction turnover, financial resources, equipment to be allocated, and personnel to be fielded.

4. To obtain further information and inspect the bidding documents, Bidders should contact:

   Mr. Litthi Khatthiya, Deputy Director General
   Department of Roads, Ministry of Public Works and Transport
   P.O. Box 2158, Lane Xang Avenue,
   2nd Floor of the front building, Ministry of Public Works and Transport
   Vientiane Capital, Lao PDR
   Tel.: +866 21 412714
   Fax: +866 21 414132
   E-mail address: k_litthi@yahoo.com

**Site Visits and Pre-Bid Meetings** conducted by the Employer will be organized from 27 to 30 November 2017 for each of the contracts at the date, time and place as indicated in the respective Bidding Document:

Interested Bidders are strongly encouraged to participate in the Site Visit and the Pre-Bid Conference. Each Bidder may participate with maximum three (3) representatives at his own expense and shall make his own travel arrangements.

5. To purchase the bidding documents in English language, eligible bidders should
   * write to address above requesting the “**Bidding Documents for Contract Package ........................(indicate package identification number) ............., Rehabilitation and Maintenance of ..............................(indicate road number) ............................”,
• pay a non-refundable fee of 1,500,000 Lao Kip (LAK), or the equivalent in United States Dollars (USD), i.e. 185 USD, by cashiers cheque. Bidders should make a separate request for the bidding documents for each of the contracts they wish to purchase.

6. Bids shall be submitted
   • to the address above
   • on or before the deadline: **18 December 2017; 14:00 h.**
   • together with a Bid Security as described in the Bidding Document.

Bids will be opened immediately after the deadline for bid submission in the presence of Bidders’ representatives who choose to attend.

7. When comparing Bids, ADB’s Domestic Preference Scheme will not be applied in accordance with the provisions stipulated in the Bidding Documents.

Director General

Pheng DOUANGNGEUN
Department of Roads (DoR)
Ministry of Public Works and Transport (MPWT)