CONSULTANCY SERVICES FOR THE VERIFICATION OF HIGH SPEED BROADBAND (HSBB) PHASE 2 AND SUBURBAN BROADBAND (SUBBB) PROJECTS

Tender Briefing Session
17th August 2016
MCMC Tower 1
# HSBB2 PROJECT

<table>
<thead>
<tr>
<th>Objective</th>
<th>To expand high speed broadband coverage to all capital cities and major towns areas with the speed of up to 100Mbps</th>
</tr>
</thead>
</table>
| Implementation of HSBB2 include: | a) Installation of access network (FTTH, ETTH, VDSL2)  
b) Installation of core network (Metro-E, BRAS, IP Core, Transmission, control and support system) |
| Deliverables | a) Upgrading of 95 exchanges  
b) Installation of 390,000 ports  
Location of exchanges will be throughout the country |
| Project cost | RM1.8 billion (funded by TM and Government) |
| Timeline | Project period: 10 years (2015 – 2025)  
Implementation period: 3 years (2015 – 2017) |
# SUB URBAN BROADBAND (SUBB) PROJECT

<table>
<thead>
<tr>
<th><strong>Objective</strong></th>
<th>To increase broadband capacity at sub urban areas with the speed of up to 20Mbps</th>
</tr>
</thead>
</table>
| **Implementation of SUBB include:** | a) Installation of access network (FTTH, VDSL, ADSL2+)
b) Installation of core network (Metro-E, BRAS, IP Core, Transmission, control and support system) |
| **Deliverables** | a) Upgrading of 421 exchanges (161 exchanges will be under USP Funded)
b) Installation of 420,000 ports
Location of exchanges will be throughout the country |
| **Total cost** | RM1.6 billion (Funded by TM, Government and USP Fund) |
| **Timeline** | Project period: 10 years (2015 – 2025)
Implementation period: 5 years (2015 – 2019) |
# SCOPE OF WORKS: MAIN SCOPE

<table>
<thead>
<tr>
<th>No</th>
<th>Current Scope of Work</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Validate and verify the amount of expenditure reported in the quarterly progress report submitted by TM – “Financial Verification”</td>
<td>may use sampling basis based on the sampling requirement imposed</td>
</tr>
<tr>
<td>2</td>
<td>Validate and verify the physical rollout reported in the quarterly progress report submitted by TM – “Site Verification”</td>
<td>may use sampling basis based on the sampling requirement imposed</td>
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<tr>
<td>3</td>
<td>Review the result of the throughput test conducted by TM and report to MCMC on the speed capability of the network</td>
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<tr>
<td>4</td>
<td>Develop comprehensive verification report and present the outcome of the verification on quarterly basis</td>
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</tbody>
</table>

- Tenderers is required to **explain the work plan and approach to be taken** in order to achieve the scope of work required above
- The Consultant is required to **provide in detail the appropriate methodology to be used** in conducting the verification
SCAPE OF WORKS: SAMPLING REQUIREMENTS

<table>
<thead>
<tr>
<th>Tasks</th>
<th>Sampling Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSBB2 Project Verification</td>
<td>minimum sampling of 30% from the total of yearly claims amount for Financial and Site Verifications must be applied</td>
</tr>
</tbody>
</table>
| SUBB Project Verification | minimum sampling of 40% from the total of yearly claims amount for Financial and Site Verifications must be applied together with the following condition:  
  a) all SUBB expenditure utilizing USP Fund must be verified  
  b) the quarterly sampling may be lower of higher than 40% to ensure all expenditure under USP Fund is verified |

*MCMC may vary the sampling condition based on the quarterly claim submission or due to additional requirement imposed by MCMC*
**SCOPE OF WORKS: VERIFICATION PROCESS**

<table>
<thead>
<tr>
<th></th>
<th>14 days</th>
<th>14 days</th>
<th>16 days</th>
<th>14 days</th>
<th>16 days</th>
<th>14 days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NORMAL</strong></td>
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<td></td>
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<tr>
<td>Report Submission</td>
<td></td>
<td>Financial Verification and report</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Site Verification and report</td>
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<tr>
<td></td>
<td></td>
<td>Full Verify</td>
<td></td>
<td></td>
<td>Endorsement</td>
<td></td>
</tr>
<tr>
<td><strong>INSUFFICIENT DOCUMENT</strong></td>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Partial Verify</td>
<td></td>
<td></td>
<td>Provide Document</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Verification</td>
<td>Endorsement</td>
</tr>
</tbody>
</table>

**SCOPE OF WORKS:**
- **Report Submission**: 14 days
- **Financial Verification and report**: 14 days
- **Site Verification and report**: 16 days
- **Full Verify**: 14 days
- **Partial Verify**: 16 days
- **Provide Document**: 14 days
- **Verification**: 14 days
- **Endorsement**: 14 days
SCOPE OF WORKS: OTHER REQUIREMENTS

- Provide advice, options and recommendations in all aspects of the matters under this Consultancy

- Ensure that all recommendations, assessments, advice and reports are fully substantiated with relevant grounds

- Facilitate in presentations to the Management of MCMC, the Government and industry as and when necessary during the various stages of the Consultancy

- Work closely with MCMC’s staff at all stages of this Consultancy and ensure that there is adequate transfer of knowledge

- The Consultant shall be required to deliver any documents in a timely manner to MCMC and to allocate sufficient time for the preparation, discussion and amendments of the written materials

- The Consultant is required to dedicate sufficient resources to perform all aspects of the scope of work under this Consultancy within the specified timeline
## SCOPE OF WORKS: DELIVERABLES & QUALIFICATIONS

<table>
<thead>
<tr>
<th>Items</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| Deliverables | • Tenderer to develop verification report for HSBB2 and SUBB on quarterly basis  
                     • Tenderer to propose verification report format to be submitted to MCMC  
                     • Tenderer to propose appropriate methodology in validating the expenditure claims and physical rollout |
| Qualification | • Minimum 3 years experience in fixed broadband industry  
                     • Minimum 5 similar consultancies services conducted  
                     • comprise of a team leader with at least 10 years of experience and team members with at least 5 years’ experience in communications market, particularly with technical and regulatory expertise in fixed broadband network connection |
| Equipment  | • adequate verification tools and equipment required in performing the Consultancy and to comply with existing Malaysian standard |
# CONSULTANCY SERVICE REQUIREMENT

<table>
<thead>
<tr>
<th>Items</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign based consultant</td>
<td>• have a working arrangement with a Malaysian professional services counterpart and must be stated in the proposal</td>
</tr>
<tr>
<td>Licenses/permits/certification</td>
<td>• must possess valid licenses/permits/certification to conduct the verification exercise including the safety requirement (e.g CIDB/NIOSH) and must be in compliance with all existing Malaysian laws</td>
</tr>
<tr>
<td>Resources</td>
<td>• minimum 2 dedicated team for each project with 2 personnel per team comprising sufficient experience as required</td>
</tr>
</tbody>
</table>
| Availability and Disclose of Information | • The Consultant shall be available upon request by MCMC  
• The Consultant shall not disclose any information without prior consent of MCMC                                                             |
| Information to be provided   | • Tenderer shall provide the relevant information required as stated in Tender Document (appendix)  
• Tenderer to provide information and evidence of recent work                                                                 |
Each tender submission shall comprise:

Technical Submission
   (1 Original & 1 Copy)

Technical CD

Financial Submission
   (1 Original & 1 Copy)

Financial CD

Must be type written & in English language

To complete **Acknowledgement Form** at the counter provided.
# Acknowledge Form

**COMPANY PARTICULARS**

1. **Company Name:**

2. **Company Address:**
   - Tel. No.:
   - Fax. No.:
   - Email Address:

3. **Name of representative:**

4. **Contact Persons (Maximum Three Only):**
   - a. **Name:**
     - Designation:
     - Tel.:
     - Email:
     - Signature:
   - b. **Name:**
     - Designation:
     - Tel.:
     - Email:
     - Signature:
   - c. **Name:**
     - Designation:
     - Tel.:
     - Email:
     - Signature:

5. **Details of Submission:**
   - **No. of Box (Boxes)/ Envelope(s):**
   - Acknowledged Received: (Day / Date / Time)
Tenderer Checklist

Technical Submission

1. Section 2 : Scope of Work

2. Section 3
   (Para 8.2, 8.3, 8.7.3 & 8.7.4) : Consultancy Service Requirements

3. Appendix B : Statement of Compliance to the Technical Specifications

4. Appendix E : List of Experience
Financial Submission

1. Section 3
   (Para 8.1, 8.7.1, 8.7.2, 8.7.4, 8.7.5 & 8.8) : Consultancy Service Requirements

2. Section 4 : Terms and Conditions of Tender

3. Appendix A : Statement of Compliance to the Terms and Conditions of Tender

4. Appendix C : Form of Tender Document

5. Appendix D : Form for Business & attached with 6 document as listed in page 4

6. Appendix F : Schedule of Price

7. Appendix G : Consultant’s Declaration

8. Appendix H : Declaration of Interest By Consultant

❖ Please ensure that the official receipt (tax invoice) is attached to Appendix C. Failure shall invalidate your submission.
- Strictly via email to tender@cmc.gov.my only.
- Before 5:00pm.
- On 29 August 2016.

- On or before 5th September 2016.
- Before 12.00 noon.
- Late submission shall be rejected.
THANK YOU