



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

**Tender Briefing Session
17th August 2016
MCMC Tower 1**

HSBB2 PROJECT



	Project Description
Objective	To expand high speed broadband coverage to all capital cities and major towns areas with the speed of up to 100Mbps
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



	PROJECT DESCRIPTION
Objective	To increase broadband capacity at sub urban areas with the speed of up to 20Mbps
Implementation of SUBB include:	<ul style="list-style-type: none"> a) Installation of access network (FTTH, VDSL, ADSL2+) b) Installation of core network (Metro-E, BRAS, IP Core, Transmission, control and support system)
Deliverables	<ul style="list-style-type: none"> a) Upgrading of 421 exchanges (161 exchanges will be under USP Funded) b) Installation of 420,000 ports <p>Location of exchanges will be throughout the country</p>
Total cost	RM1.6 billion (Funded by TM, Government and USP Fund)
Timeline	<p>Project period: 10 years (2015 – 2025)</p> <p>Implementation period: 5 years (2015 – 2019)</p>

SCOPE OF WORKS: MAIN SCOPE



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

- 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

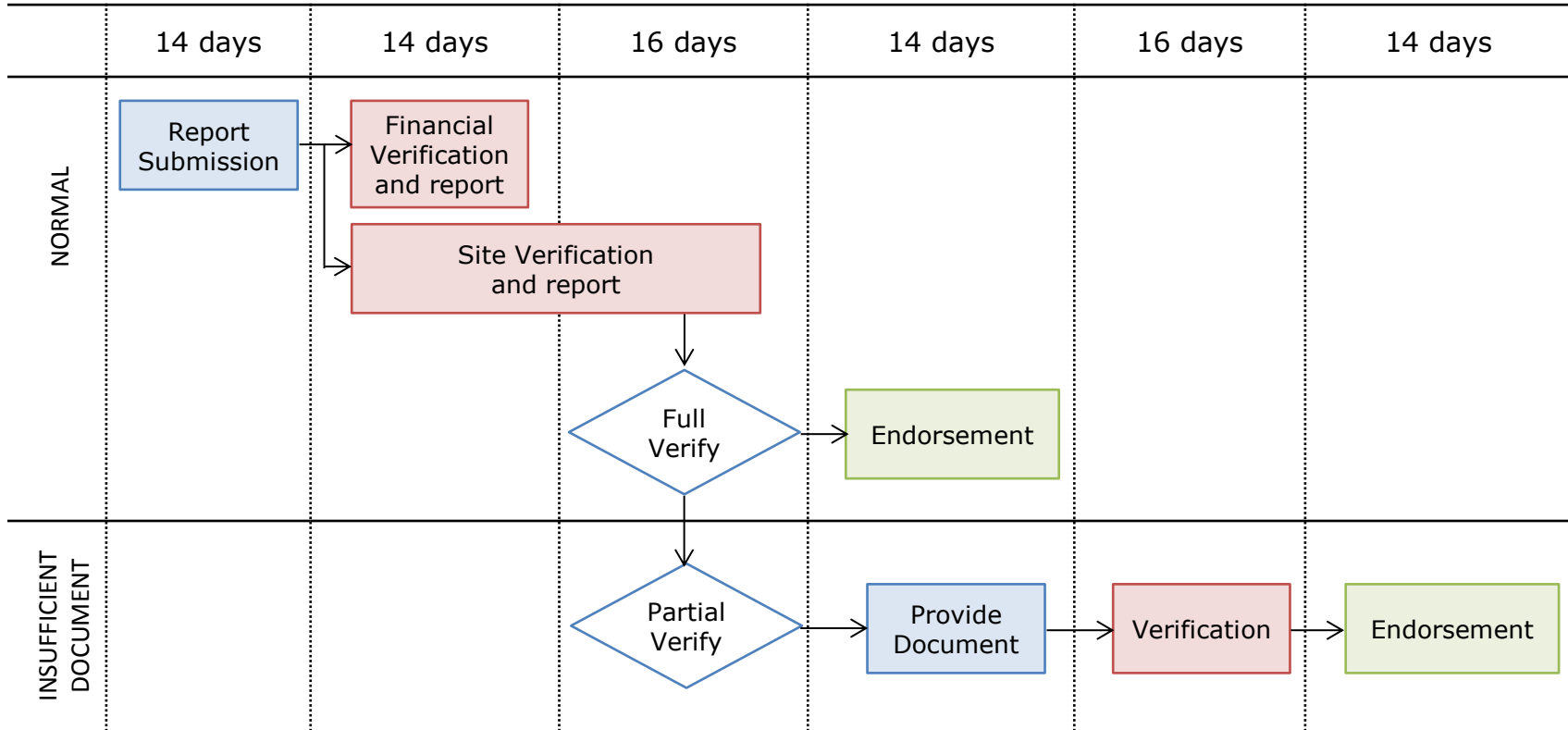
SCOPE OF WORKS: SAMPLING REQUIREMENTS



Tasks	Sampling Rules
HSBB2 Project Verification	minimum sampling of 30% from the total of yearly claims amount for Financial and Site Verifications must be applied
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: <ul style="list-style-type: none"> 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



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




Items	Remarks
Deliverables	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • adequate verification tools and equipment required in performing the Consultancy and to comply with existing Malaysian standard

CONSULTANCY SERVICE REQUIREMENT




Items	Remarks
Foreign based consultant	<ul style="list-style-type: none"> • have a working arrangement with a Malaysian professional services counterpart and must be stated in the proposal
Licenses/permits/certification	<ul style="list-style-type: none"> • 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
Resources	<ul style="list-style-type: none"> • minimum 2 dedicated team for each project with 2 personnel per team comprising sufficient experience as required
Availability and Disclose of Information	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 :

A stack of three yellow folders with blue tabs, each containing a document with a barcode.

Technical Submission
(1 Original & 1 Copy)

Technical CD

A stack of three yellow folders with blue tabs, each containing a document with a barcode.

Financial Submission
(1 Original & 1 Copy)

Financial CD

A purple folder with a white document inside.

Must be type written & in English language

A close-up of hands writing on a document with a pen.

To complete [Acknowledgement Form](#) at the counter provided.

Acknowledge Form



	MCMC/ID/IMD(2)/HSBB2&SUBB/TC/08/15(05) (Acknowledgement of Submission)	TENDER HSBB2 & SUBB
		Version 1

COMPANY PARTICULARS			For MCMC use only
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)	

Return

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

Tenderer Checklist



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.**

Closing Date



• Tender Clarification

- Strictly via email to tender@cmc.gov.my only.
- Before 5:00pm.
- On 29 August 2016.



• Tender Submission

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



THANK YOU