

**SABAH TOURISM BOARD
SPECIFICATIONS**

Quotation No : STB/Q/2021/03

Date : 22 February 2021

Description : AR & VR Integration for Sabah Tourism Board

No	Specification	Requirements	Remarks
1	Destinations required	1) Kiulu white water rafting 2) Kinabalu National Park 3) Poring Hot Spring 4) Tunku Abdul Rahman Park 5) Tip of Borneo 6) Sorinsim Waterfall 7) Kg. Bavanggazo Rungus Long House 8) Rafflesia Information Centre 9) Gunung Wakid 10) Pulau Tiga 11) Murut Cultural Center 12) Rundum Highlands 13) Sepilok Orangutan Rehabilitation Center 14) Bornean Sun Bear Conservation Center 15) Kinabatangan River 16) Tawau Hills Park 17) Tun Sakaran Marine Park 18) Mabul Island 19) Danum Valley 20) Tabin Wildlife Reserve 21) Tg Aru Beach 22) MariMari Cultural Village 23) Sandakan Memorial Park 24) Tawai Waterfall 25) Kadamaian	
2	Version	English (with figure function ready to change or add other language)	
3	Compatible devices	a) Desktop b) Smart / Mobile Phones c) Tab d) Ipad e) Laptop	Please give itemized cost (cost per device) and package cost.
4	Applicable Operating Systems	a) Web based – Priority (without installing any apps, users can go to Sabah Tourism’s website on their mobile devices and use the embedded tech in the website to scan any AR & VR contents through their camera) b) IOS c) Android	Please give itemized cost (cost per OS) and package cost.
5	VR Contents	VR contents on twenty-five (25) selected destinations in STB’s website. All videos shall have: - a) 360 degrees VR ready videos (minimum 5.5K video resolution) b) In video for info / detail via voice over or text book or redirect to specified website. At least five (5) points. c) In video virtual person / persona to welcome viewers.	Please give itemized cost (per destination) and package cost.

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		d) Audio (Applicable to i-iii)	
6	AR Contents	<p>Thirty-five (35) images with AR recognition. AR functions that may be embedded on the images: -</p> <ul style="list-style-type: none"> a) Twenty-five (25) images VR contents as per item no. 4. b) Five (5) images with 3D animations c) Five (5) with STB videos (STB will provide the video) d) Clickable on AR generated images for additional information via voice or text box or redirect to specified website. (Applicable to ii-iii). 	<p>Please give itemized cost for:-</p> <ul style="list-style-type: none"> a) Embedding the 360 degrees VR ready videos on 25 images b) Cost per production of one (1) 3D animation and bundle cost for five (5) 3D animations c) Cost embedding the 3D animations to five (5) images d) Cost embedding the 3D animations to five (5) videos
7	Storage System	<p>AR & VR contents to be stored in Cloud. Always online and connected to Sabah Tourism's website for people to access through web-based scan.</p> <p>AR & VR contents to be stored in physical hard drive as backup and record. This is offline.</p>	
8	Mobile Apps	VR and AR Applications for both IOS and Andriod must be able to be used in both online and offline modes.	Apps must be migration ready. We may migrate and integrate these apps into another mobile application.
9	Technical services, supports and transfer of knowledge	Provider must be able to provide technical support and service as well as training in term of transfer of knowledge of Sabah Tourism technical / IT team throughout their service as per agreed contract.	
10	Scope of Works	<p>All works related in producing items no. 1 to 7 from pre to post production until completion thus meeting all our requirement as per the specification given including: -</p> <ul style="list-style-type: none"> a. Designs b. Research in any forms c. Acquiring information and materials in any forms d. Adjustment and post adjustment e. Editing and post editing f. Preparing mock up or sample 	
11	Quotation / Costs	<p>Quotation must include all that was mentioned in the scope of works and all cost that may incurred in producing the AR & VR integration as mentioned in item no. 1 to 7 until completion including but not limited to: -</p> <ul style="list-style-type: none"> a. Design, concept and idea b. Research costs 	

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		<ul style="list-style-type: none"> c. Acquiring information and material cost d. Travelling expenses e. Labour Charges f. Photography / Videography cost g. Outsourced cost that may incurred in producing item no. 1 to 7 h. Cost for producing mock up or sample i. Unlimited editing and post editing of the VR and AR contents j. Unlimited adjustment and post adjustment of the VR and AR contents k. Copyright and ownership release of the design, concept, idea, VR and AR contents to Sabah Tourism Board l. Copyright and ownership release of all the materials, texts, information, photos, and other items tangible or intangible or virtually tied up or related in producing item no.1 – 7 to Sabah Tourism 	
12	Deadline	Completion within the period of six (6) months from the receipt of Letter of Award and Letter of Undertaking issued by Sabah Tourism Board	