



## **MGB-01. Request for IFSAR and LIDAR Data, Orthoimage, Orthophoto and Aerial Photographs**

This service caters to national government agencies (NGAs), local government units (LGUs), government-controlled corporations (GOCCs), foreign entities, non-government organizations (NGOs), academic community, and private sector of the society seeking recent orthorectified Very High Resolution Satellite Imageries (VHRSI), aerial photographs, 25cm Ground Survey Distance (GSD) orthophotographs, and product derivatives of 2013 airborne Interferometric Synthetic Aperture Radar (IfSAR) and 2011 airborne Light Detection and Ranging (LiDAR) technology in the forms of 5-meter posting (<1 meter vertical accuracy) Digital Terrain Model (DTM) and Digital Surface Model (DSM) and 0.625-meter resolution Orthorectified Radar Intensity Image (ORI).

Said geospatial datasets and information shall serve as basic inputs for various fields of applications such as disaster management, climate change, governance, urban and rural planning, public works and infrastructure, transportation, and communication, among others.

<b>Office or Division:</b>	Photogrammetry Division, Mapping and Geodesy Branch (PD-MGB)	
<b>Classification:</b>	Simple, Complex, or Highly Technical Transaction	
<b>Type of Transaction:</b>	G2C - Government to Citizen G2G - Government to Government G2B - Government to Business	
<b>Who may avail:</b>	All Private Individuals or Companies/Corporations, National Government Agencies (NGAs), Local Government Units (LGUs), Government Controlled Corporations (GOCCs), and Foreign Entities, Non-Government Organizations (NGOs), and Academe Sector	
CHECKLIST OF REQUIREMENTS		WHERE TO SECURE
<b>For Private Individuals or Companies/Corporations:</b>		
1. Request Letter (Optional)	Private Individual/Head of Company or Corporation	
2. Digital Boundary of Specific Location or Area of Interest (AOI) in *.shp, *.dwg, or *.kmz Vector File Formats	Technical Personnel or Team of Requesting Party	
3. Valid Government-Issued Identification Card (ID)	National Government Agencies (NGAs)	
4. External Client Request (ECR) Form	National Mapping and Resource Information Authority (NAMRIA)	



5. Product Evaluation Form, if returning client	National Mapping and Resource Information Authority (NAMRIA)			
For National Government Agencies (NGAs), Local Government Units (LGUs), Government Controlled Corporations (GOCCs), Foreign Entities, and Non-Government Organizations (NGOs)				
1. Request Letter	Head of Agency			
2. Digital Boundary of Specific Location or Area of Interest (AOI) in *.shp, *.dwg, or *.kmz Vector File Formats	Technical Personnel or Team of Requesting Party			
3. Valid Government-Issued Identification Card (ID)	National Government Agencies (NGAs)			
4. Request for Free Issue (RFI) Form	National Mapping and Resource Information Authority (NAMRIA)			
5. Product Evaluation Form, if returning client	National Mapping and Resource Information Authority (NAMRIA)			
For Academe Sector:				
1. Request Letter	Student/s or Head of Academic Institution			
2. Digital Boundary of Specific Location or Area of Interest (AOI) in *.shp, *.dwg, or *.kmz Vector File Formats	Student/s			
3. Approved Thesis Proposal	Student/s			
4. Endorsement Letter from Thesis Adviser or Professor	Thesis Adviser or Professor			
5. Certificate of Registration or Enrollment Form	School or University Registrar			
6. Valid School Identification Card (ID)	School or University Registrar			
7. Request for Free Issue (RFI) Form	National Mapping and Resource Information Authority (NAMRIA)			
8. Product Evaluation Form, if returning client	National Mapping and Resource Information Authority (NAMRIA)			
CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
1. Request needed	1.1Receive	None	10 minutes	Cartographer II Photogrammetry



CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
products or services through walk-in, letter-request, email, phone call, etc.	<p>request.</p> <p>1.2 Ask for a valid government-issued or school ID.</p> <p>1.3 Prepare one (1) copy of External Client Request (ECR) Form or Request for Free Issue (RFI) Form to be given personally or send through email to the client.</p> <p>1.4 For returning clients, prepare one (1) copy of Product Evaluation Form to be given personally or send through email.</p> <p>1.5 For paying clients, prepare four (4) copies of Order of Payment (OP) to be given personally or send through email.</p>			Division
2. Review client forms and submit to	2.1 Receive and check completeness	None	2 hours	<i>Cartographer II</i> Photogrammetry Division



CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
Division Client Service Unit (CSU).	<p>of submitted client forms.</p> <p>2.2 Endorse client to the concerned Section Product Custodian, together with the accomplished client forms.</p> <p>2.3 Prepare requested aerial photographs, orthophotos, orthoimages, or Orthorectified Radar Intensity Image (ORI), Digital Terrain Model (DTM), and Digital Surface Model (DSM) – derived from 2013 IfSAR or 2011 LiDAR technology in digital and/or hard copy file format.</p> <p>2.4 Store digital geospatial dataset/maps in external storage device with appropriate label of</p>			<p><i>Division Chief Engineer IV Photogrammetry Division</i></p> <p><i>Section Chiefs Engineer IV Photogrammetry Division Depending on the Type of Requested Data</i></p>



CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
	<p>specific data requested, coverage, and date of release.</p> <p>2.5 Check completeness of requested digital and/or printed geospatial dataset and maps.</p>			
<p>3. Pay prescribed fees and charges personally or online through bank transfer or deposit.</p>	<p>3.1 Receive one (1) copy of OP, ECR, and payment.</p> <p>3.2 Process or validate payment.</p> <p>3.3 Issue one (1) copy of Official Receipt (OR).</p> <p>3.4 Return one (1) copy each of OP and ECR.</p>	<p><b>Orthophoto Map (3"x3" Map Sheet)</b></p> <p>(a) Printed File Photo Paper - PhP 1,800.00</p> <p>(b) Digital File 3"x3" Map Sheet - PhP 6,000.00</p> <p><b>Aerial Photographs</b></p> <p>- 10"x10"- PhP 250.00 plus PhP 50.00 (Zoomed Image)</p> <p>-2 x Enlargement – PhP 1,800.00</p> <p>-3 x Enlargement – PhP 2,400.00</p> <p>-4 x Enlargement – PHP 3,200.00</p> <p>(b) Diapositive - PhP 550.00</p>	10 minutes	<i>Financial and Management Division</i>



CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
		<p><b>Vector Files</b>            (*.dwg or *.shp File Format)            - PhP            9,000.00/map sheet            - PhP            300.00/sq.km.            -PhP            3.00/hectare</p> <p><b>Orthophoto or Orthoimage</b>            (*.geotiff File Format)            (a) Printed File            (Customized Printing)            - Plain Paper –            PhP 1.00/sq. inch            - Photo Paper –            PhP 2.00/sq. inch            (b) Digital File            - 15"x15" Map Sheet – Php            6,000.00</p> <p>- PhP            6,000.00/map sheet            - PhP            200.00/sq.km.            - PhP            2.00/hectare</p> <p><b>If SAR (DTM, DSM, ORI)</b>            - PhP            9,000.00/map sheet            - PhP            300.00/sq.km.            - PhP</p>		



CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
		3.00/hectare <b>IfSAR-DTM</b> <i>(*.geotiff File Format)</i> - PhP 3,000.00/map sheet -PhP 100.00/sq.km. -PhP 1.00/hectare <b>IfSAR-DSM</b> <i>(*.geotiff File Format)</i> - PhP 3,000.00/map sheet -PhP 100.00/sq.km. -PhP 1.00/hectare <b>IfSAR-ORI</b> <i>(*.geotiff File Format)</i> - PhP 3,000.00/map sheet -PhP 100.00/sq.km. -PhP 1.00/hectare <b>IfSAR-Derived Contours at 3-Meters Contour Interval</b> <i>(*.shp or *.dwg File Format)</i> - PhP 3,900.00/map sheet - PhP 133.75/sq.km. - PhP		



CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
		<p>1.35/hectare  <b>IfSAR-Derived Contours at 5-Meters Contour Interval</b>  <i>(*.shp or *.dwg File Format)</i>            - PhP            3,750.00/map sheet            - PhP            128.60/sq.km.            - PhP            1.30/hectare  <b>LiDAR Orthophoto</b>  <i>(*.ecw, *.img, or *.jpg File Formats)</i>            - PhP            5,000.00/map sheet            - PhP            500.00/sq.km.            - PhP            5.00/hectare  <b>LiDAR-DTM</b>  <i>(*.geotiff or *.img File Formats)</i>            - PhP            2,500.00/map sheet            - PhP            250.00/sq.km.            - PhP            2.50/hectare  <b>LiDAR-DSM</b>  <i>(*.geotiff or *.img File Formats)</i>            - PhP            2,500.00/map</p>		





CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
		sheet - PhP 250.00/sq.km. - PhP 2.50/hectare		
4. Go back to the Photogrammetry Division with payment receipt and copy of signed OP. For online payment, send screenshot or digital copy of validated deposit slip to process owner's email address and indicate the client's name for proper validation. Receive and inspect the requested dataset.	4.1 Receive copy of OP or digital copy of validated deposit slip and ECR or RFI. 4.2 Give ECR or RFI for client's signature. 4.3 Release requested data personally, online, or send through courier service.	None	10 minutes	<i>Cartographer II</i> Photogrammetry Division
5. Sign ECR or RFI and Product Evaluation Form, if returning client.	5.1 Receive signed ECR or RFI. 5.2 Compile all documentary requirements and submit copy to Photogrammetry Division Chief and Mapping and Geodesy Branch (MGB) Director for their respective	None	5 minutes	<i>Director,</i> <i>Mapping and</i> <i>Geodesy Branch</i>  <i>Division Chief,</i> <i>Photogrammetry</i> <i>Division</i>



CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
	signatures.			
	<b>TOTAL</b>	<i>Kindly refer to the NAMRIA Prescribed Fees and Rates as listed above.</i>	<b>3 Hours (Simple Transaction)</b>	

#### NOTE:

Transactions are categorized into (1) Simple, (2) Complex, or (3) Highly Technical.

(1) **Simple Transactions** refer to requests for readily available geospatial datasets and maps which have already been stored in a geodatabase and archived covering areas up to the municipal and provincial level.

*Simple Transactions: Up to 3 Working Days*

(2) **Complex Transactions** refer to requests for customized geospatial datasets and maps covering areas up to the provincial and regional level.

*Complex Transactions: Up to 7 Working Days*

(3) **Highly Technical Transactions** refer to requests for customized geospatial datasets and maps with nationwide coverage.

*Highly Technical Transactions: Up to 20 Working Days*

- Total time duration depends on the size of the requested area, magnitude of geospatial information content, quality of printing materials, product format (paper/analog or digital), and force majeure or any fortuitous event of critical peace and other situation or circumstance beyond control.
- Online payment through bank transfer or deposit is now allowed. Prices exclude the cost of courier services, though.