



agriculture, land reform & rural development

Department:
Agriculture, Land Reform and Rural Development
REPUBLIC OF SOUTH AFRICA

CHIEF DIRECTORATE: NATIONAL GEO-SPATIAL INFORMATIO
Private Bag X10, Mowbray, 7705; Tel: 021 658 4300; Fax: 021 658 4357

AERIAL IMAGERY TEST AREA SUPPLIED at 0.25m GROUND SAMPLE DISTANCE

TEST AREA NO:
BIDDERS NO:
COMPANY NAME:
DATE:

Aerial Triangulation & Elevation Capture Evaluation Criteria (ATEC)

Compliance	Yes	No
Aerial Triangulation		
Seamless integration with Aerial Triangulation Software <i>Mandatory files & Data formats complaint</i> <ul style="list-style-type: none">• Camera , text file containing camera specifications• GNSS_INS_DATA.TXT, final observed exterior orientation and RMS values• Model, text file containing model sequences• Project, project file containing project parameters which include image and flying details• Photo file text file containing the given exteriors as per GPS/INS file and image		
Successful identification and measurement of ground features (PGC's)		
Full autocorrelation to be completed <ul style="list-style-type: none">• Solution successful		
Successful final PhotoT Absolute computation with Maximum Ground Residual values within limits. (See Appendix E – Standard for Image Exterior Orientation)		
Elevation Capture		
Capture of elevation data (river courses and ridges) - good ground surface identification. <ul style="list-style-type: none">• Excellent stereoscopic results – Capture of linear features• No parallax• No lateral shifts• Seamless panning		
Suitability of Imagery for DTM validation <ul style="list-style-type: none">• Successful DTM postings correlation• Determine and validate true-to-ground accuracy		

The responsible manager at ATEC unit signs this report to confirm the accuracy of the assessment conducted.