**Only applicants applying under the Mobile Black Spot (Round 7) Stream should complete this Appendix.**

# Appendix B: Mobile Black Spot (Round 7) Stream Application Pack

# Instructions

## Before submitting an application

Applicants must read the Guidelines before completing this Application Pack. As per section 7.2 of the Guidelines, MNOs that intend to participate in an Application for funding under this Round must first submit their existing handheld 4G coverage information to the department.

The Pre‑Application Lodgement form at Attachment B.1 must be completed and submitted to the department, along with the existing coverage information, by the due date specified in section 7.2 of the Guidelines.

The existing coverage information must be supplied as two separate layers as follows:

* **New Handheld Coverage Maps:** being a layer modelled to the Handheld Coverage levels as set out in section 2.2.1 of the Guidelines; and
* **Existing Public Coverage Maps:** being a layer representing the predictive handheld coverage modelling standards which underpin the publicly available coverage maps on the MNO’s website.

See section 2 of this document for coverage modelling specifications.

If you require clarification regarding the Mobile Black Spot Solutions Stream please contact: MBSP@infrastructure.gov.au.

## Initial application period

Potential applicants should lodge any initial proposal locations where they are interested in applying for funding under the Mobile Black Spot solution stream. This information will be compiled by the Department and shared with registered applicants, to foster discussion on potential co‑development opportunities.

The template at Attachment B.2 should be completed and submitted to the Department by the due date specified in section 7.3 of the Guidelines

## . Application requirements

Applicants must complete this Appendix in full and submit it with the completed Mobile Black Spot Solutions Assessment Tool at Attachment B.3 including each Proposed Solution for which the applicant is seeking funding.

Further information on the application requirements is at section 7.4 of the Guidelines.

## Using the Assessment Tool

The Mobile Black Spot Solution Assessment Tool at Attachment B.3 must be used to provide details for each Proposed Solution included as part of an Application (as per the requirements listed above). Unless otherwise stated, all fields must be completed, and no additional fields may be added. Any additional field of information will not be considered.

Further instructions for completing the Assessment Tool are contained within the Excel spreadsheet itself.

## Proposed Solution Identifier

Please use the format XXX-RCP3M-ZZZ to individually identify all Proposed Solutions, where XXX is the Applicant identifier which will be provided by the Department and ZZZ is the number of the Proposed Solution. The Department will provide each Applicant with a three letter Applicant Identifier upon registration as a potential applicant.

## Proposed Solutions with Multiple MNOs

Where a Proposed Solution has confirmed involvement of two or more MNOs at the time of application, the Lead Applicant must include a separate line for each MNO in the Assessment Tool and clearly group them together using the same Proposed Solution identifier with an additional reference letter. For example, a Proposed Solution with the confirmed involvement of two MNOs should be submitted as follows:

 XXX-RCP3M-ZZZ-A, XXX-RCP3M-ZZZ-B.

Where XXX-RCP3M-ZZZ-A denotes the infrastructure-building MNO, and XXX-RCP3M-ZZZ-B denotes the co-locating MNO.

# Coverage modelling specifications

This section defines coverage modelling benchmarks and file formats for predictive coverage maps to be submitted to the department.

The specification of coverage thresholds, file structure and format aims to:

* provide coverage modelling outputs that can be processed efficiently without manipulation;
* streamline the coverage metric validation process; and
* minimise the likelihood that the Department will need to request re-submission of coverage maps.

## Coverage Modelling Thresholds

The following thresholds are to be used for predictive coverage modelling data for **New Handheld Coverage** submitted with Proposed Solutions included in an application for funding (see 2.2.1 of the Guidelines), based on a 4G Reference Signal Received Power (RSRP) at a 90 per cent confidence level for the cell area as per the following table:

| **Channel bandwidth** | **Threshold (dBm)** |
| --- | --- |
| 5 | >-100 |
| 10 | >-103 |
| 15 | >-105 |
| 20 | >-106 |

## Coverage File Formats

Where predicted coverage mapping data files are to be included with an application, the following file formats must be used:

The Applicant must submit an ESRI shapefile; MapInfo TAB or MID/MIF format for handheld coverage. Files should contain the following fields:

* Signal Level Range;
* Location Name: < location or area that the Proposed Solution is providing coverage into >; and
* Proposed Solution Identifier: < ID of the Proposed Solution providing the coverage >.

The ESRI shapefile must contain the coverage modelling for all Proposed Solutions for which the Applicant is seeking funding (as per the application requirements set out in section 2).

Files are to be submitted using GDA94 Lat/Long projection.

Predicted coverage mapping data resolution is to be set to 100m.

Note that coverage projected across the ocean will not be assessed.

For the assessment of the number of premises to receive **New Handheld Coverage** from a Proposed Solution, premises will be counted using Geoscape Geocoded National Address File (G-NAF):

* Source – Geoscape Australia
* Release – G-NAF Core February 2023.

The G-NAF Core version is available to registered applicants as Attachment B.5 to this Application Pack.

## Eligible areas

Each Proposed Solution must provide **New Handheld Coverage** to an Eligible Area as defined in section 5.2 of the Guidelines.

A mapping file outlining the Mobile Black Spot Solution ineligible areas is available at Attachment B.6 to this Application Pack.

# Costs and funding

Please provide details in **Attachment B.3 – Mobile Black Spot Solution** **Assessment Tool (‘Proposed Solutions’ sheet, Columns AN to BA)** at of the total eligible costs for the Proposed Solution to be paid for with grant funding and other contributions.

Grant funding will only be based on eligible activities. Refer to sections 5.3 and 5.4 of the Guidelines for details on eligible and ineligible expenditure. All amounts must be GST inclusive.

The total cost of each Proposed Solution, as well as the Net Cost to the Commonwealth, should be automatically calculated in the Assessment Tool. Please check this figure to ensure that it is correct before you submit your application.

# Track record and capacity

Please provide evidence (below or as a separate attachment) of your and any partners’:

* track record delivering similar solutions and access to personnel and/or partners with appropriate skills and experience. This should include evidence of sound project planning to manage and monitor the project covering scope, implementation methodology, timeframes, budget and risk;
* ability to commence construction of the Proposed Solution, including:
	+ availability of key personnel, equipment and finance; and
	+ access to, or secure future access to, any necessary infrastructure, power or Backhaul;.

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# Statement of Compliance with Base Deed

This section must be completed by the prospective Grantee.

If an Applicant does not accept all clauses in the draft Mobile Black Spot Opportunities Base Deed in their entirety, or if the Applicant wishes to use a Previous Grant Agreement from a round of the Mobile Black Spot Program or Peri-Urban Mobile Program (see section 10.1 of the Guidelines), the Applicant is required in this Statement of Compliance to:

* 1. identify any aspect of the Application that involves a proposed departure from, or variation to, the provisions of the Base Deed or the Previous Grant Agreement;
	2. describe the nature of the departure and the rationale for the proposed departure;
	3. specify the impact that compliance with the existing clause would have on other parts of its Application (including price) and the risks to the Applicant that would arise if the Applicant were required to comply with the existing clause under the Base Deed or the Previous Grant Agreement;
	4. submit a revision-marked version of the Base Deed or the Previous Grant Agreement reflecting the Applicant’s proposed changes (including text for new, modified or replacement clauses); and
	5. in completing the 'compliance status' column below, use one of the following expressions:
* **partially complies** means the contractual condition, characteristic or performance requirement of the clause can be met by the Applicant, subject to certain qualifications, which are stated in full;
* **does not comply** means that the contractual condition, characteristic or performance requirement of the clause cannot or will not be met by the Applicant; or
* **not applicable** means that due to the nature of the Application, or of the Applicant, the question of adherence to the clause does not arise.

| **Clause/annex/ attachment** | Compliance status (Partially Complies,**Does Not Comply or Not Applicable)** | **Risk to the Applicant of compliance and impact on other parts of Application** | **Nature of departure, reason(s) and any alternative clause or drafting** |
| --- | --- | --- | --- |
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# Attachment B.1: Mobile Black Spot (Round 7) Stream Application Pack - Pre-Application Lodgement

# Attachment B.2: Mobile Black Spot (Round 7) Stream Application Pack – Initial Proposals

# Attachment B.3: Mobile Black Spot (Round 7) Stream Proposed Solutions Assessment Tool (PSAT)

# Attachment B.4: Mobile Black Spot (Round 7) Stream Base Deed

A sample Base Deed will be provided shortly after the call for applications.

# Attachment B.5: G-NAF Core February 2023

# Attachment B.6: Mobile Black Spot (Round 7) Stream Ineligible Areas