



EXPRESSION OF INTEREST: NSO/70/2016/10/b

Project Name: Software package for Supply, Use and Input-Output tables

Scope:

Supply, Use and Input-Output table's compilation fully in line with the ESA 2010 transmission programme.

Current Situation:

According to the Commission Implementing Decision of 26 June 2014 on granting derogations to Member States with respect to the transmission of statistics pursuant to Regulation (EU) No 549/2013 of the European Parliament and of the Council concerning the European system of national and regional accounts in the European Union, Malta has a derogation such that tables 15 and 16 are transmitted at t+54 months instead of t+36 up to 2020. Moreover, Supply and Use tables in previous year's prices are covered by derogation up to 2020. Supply and Use tables have been compiled for 2000, 2001, 2005, 2008, and 2010. The tables for 2011 are currently being compiled.

Given the complexity of the system currently in place and the fact that the office does not have a dedicated team of persons working on Supply, Use and Input-Output tables, NSO is exploring the possibility of making use of specialised software. Such software should help in the balancing part of the Table and enable NSO to produce transmission tables 15 and 16 in previous year's prices at t+36. The current system does not cater for previous year's prices.

Summary of Proposal:

NSO intends to sub-contract the atomisation of the production of Supply, Use and Input-Output tables in current and previous year's prices. The subcontractor will be required to:

- provide a customised software which caters for industry, sector and product disaggregation which is much more detailed than the A*64 required in the transmission programme; this will require a study of the current system;
- provide a software which allows for simultaneous balancing in value and in volumes at previous year's prices;
- provide a software whose framework will allow the compilation of the following tables in disaggregated and aggregated form:
 - 1500 - Supply table at basic prices, including a transformation into purchasers' prices
 - 1600 - Use table at purchasers' prices
 - 1610 - Use table at basic prices
 - 1611 - Use table for domestic output at basic prices
 - 1612 - Use table for imports at basic prices
 - 1620 - Trade and transport margins
 - 1630 - Taxes less subsidies on products

- 1631 - Taxes less subsidies on products - excluding VAT
- 1632 - Value Added Tax
- 1633 - Taxes on products
- 1634 - Subsidies on products
- 1750 - Symmetric input-output table at basic prices (industry x industry)
- 1850 - Symmetric input-output table for domestic production (industry x industry)
- 1950 - Symmetric input-output table for imports (industry x industry)
- 1700 - Symmetric input-output table at basic prices (product x product)
- 1800 - Symmetric input-output table for domestic production (product x product)
- 1900 - Symmetric input-output table for imports (product x product)
- provide training for the National Accounts and IT staff for future maintenance of the software;
- provide a software which distinguishes between exogenous variables, formulae, metadata for formulae, metadata which documents manual balancing without overwriting any previous documentation; reports showing live vertical and horizontal discrepancies for the entire framework;
- flexibility when it comes to allocation of final discrepancies i.e by variable or by product;
- automatic balancing for small discrepancies;

The project is expected to be completed within 3 years.

Outputs:

Transmission tables 15 to 19 at t+36

Submission of interest:

The National Statistics Office is inviting submissions from persons/organisations interested in the provision of a software which will facilitate the production of Supply, Use and Input-Output tables in current and previous year's prices with the above-mentioned specifications.

Interested persons/organisations shall include in their proposals the following information:

- a) Name of submitting person(s)/organisation;
- b) Contact information for person(s) authorised to represent the submitting person(s)/organisation;
- c) A description of the software in view of the above-mentioned specifications;
- d) A brief outline of how the objectives will be met;
- e) An indication of the expenditure outlays;

Those interested should submit their proposals to the National Statistics Office by not later than the 13th May 2016 by e-mail on nationalaccounts.nso@gov.mt

All correspondence will be treated confidentially.