



MALTA RESOURCES AUTHORITY

Malta Resources Authority

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**SUBJECT: TENDER FOR THE PERFORMANCE OF AN
ELECTRICITY SUPPLY VOLTAGE QUALITY SURVEY**

Tender Document: MRA/ENE/31/2013

The cost of this tender dossier is € 20

IMPORTANT

(Tenderers are to ensure that the Mandatory BID BOND of € 1000 is to remain valid up to 120 calendar days from closing date of Tender

**TENDER FOR THE PERFORMANCE OF AN ELECTRICITY SUPPLY
VOTLAGE QUALITY SURVEY**

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**TENDER FOR THE PERFORMANCE OF AN ELECTRICITY SUPPLY
VOTLAGE QUALITY SURVEY**

PART 1:

1.0 SCOPE OF TENDER

1.1 Introduction

The Malta Resources Authority would like to start to monitor the voltage quality in the public distribution system as part of its regulatory function to monitor the quality of electricity supply in the Maltese Islands.

This Tender, which is being issued by the Malta Resources Authority, hereinafter referred to as “the Contracting Authority”, is for the carrying out of a survey of the voltage electricity supply quality over a period of 12 months.

- 1.1.1 A payment of Twenty Euros (€ 20) is to be effected upon collecting the Tender Document from the Cash Office, Malta Resources Authority, Millennia, Aldo Moro Road, Marsa.

1.2 Tender Documentation

- 1.2.1 Each submission for Tender shall clearly indicate the details of the tenderer responsible for such activity and the rates/prices, inclusive of VAT and all other charges as may be applicable. The start date, as indicated, shall be upon the issuance of the ‘**Order to Start Works**’ issued by the Officer in Charge.
- 1.2.2 A form entitled “**Schedule of Rates/Prices**” is also attached with the Tender Document. Prospective bidders are requested to complete the form, giving the rates/prices in EURO for each item as indicated, inclusive of VAT and all taxes and any other charges as applicable. This form must be filled in and submitted with the tender document. Prospective bidders shall not at any time of the contract period request a revision of the rates/prices. **Failure to fill in the form, or a form with incomplete information, or a form containing ambiguous financial information (e.g. prices, totals etc.) shall disqualify the tender submission.**
- 1.2.3 Tenderers may supplement the “**Schedule of Rates/Prices**” with additional pricing information if they deem this necessary.
- 1.2.4 A form entitled “**Tenderer’s Details Form**” is attached with the Tender Document. Prospective bidders are requested to fully complete the form (including the Tenderer’s Declaration form), and submit it with the Tender Document.
- 1.2.5 Tenderers shall complete the attached “**Form of Tender**” as required, also confirming the tenderer’s undertaking that the offer shall not be retracted or withdrawn for a period of 120 calendar days from the closing date of the offer. **Failure to submit this form completed in all respects, shall disqualify the bid.**
- 1.2.6 A form entitled “**Proof of Purchase**” is attached with the Tender Document. Prospective

bidders are requested to complete the form, attach a copy of the receipt issued by the Cash Office when purchasing the Tender and submit it with the Tender Document.

- 1.2.7 A form entitled “**Data on Joint Venture/Consortium**” is attached with the Tender Document. Prospective bidders are requested to complete the form, and submit it with the Tender Document if they are planning to bid as a Joint Venture / Consortium.
- 1.2.8 A form entitled “**Sub-Contracting**” is also attached with the Tender Document. Prospective bidders are requested to complete the form, and submit it with the Tender Document if they are planning to Sub-Contract the works or any part of the works listed in the Tender Document.
- 1.2.9 A form entitled “**Statement on Conditions of Employment**” is attached with the Tender Document. Prospective bidders are requested to complete the form, and submit it with the Tender Document.
- 1.2.10 A form entitled: “**Specification Form**” is attached with the Tender Document. Prospective bidders are requested to complete the form by filling in the requested data and submit it with their Tender offer.
- 1.2.11 Tenderers are also requested to submit with their Tender offer any relevant **Technical Literature, Catalogues and/or Illustration** related service being offered, which shall corroborates the details filled in the Specification Form. All Documents provided shall be written in English Language. **Failure to comply with this clause shall render the Tender offer null.**
- 1.2.12 Tenderers shall submit with their offer CERTIFICATES/LOGBOOKS/INSURANCES/PERMITS ETC. Failure to comply with this clause shall render the Tender offer null.

1.3 Definitions

Note: the following definitions are given here for convenience only, in the context of the tender procedure. The definitions set out in the contract as concluded are determining for the relations between the parties to the contract.

Administrative order. Any written or oral instruction or order issued by the Project Manager to the Contractor regarding the execution of the services.

Authority: means the Malta Resources Authority.

Beneficiary Country: The Maltese Islands.

Breakdown of the overall price: A heading-by-heading list of the rates and costs making up the price for a lump-sum contract.

Budget Breakdown: In a fee-based contract, the schedule which breaks down the contract value, stating out the fee rates and the provision for incidental expenses.

Cash Flow Forecast: The Contractor’s estimate of the cash flows arising directly from the execution of a fee-based contract.

Central Government Authority: means the Department of Contracts.

Commission: The European Commission.

Conflict of interest: Any event influencing the capacity of a candidate, tenderer or supplier to give an objective and impartial professional opinion, or preventing him, at any moment, from giving priority to the interests of the Central Government Authority and the Contracting Authority. Any consideration relating to possible contracts in the future or conflict with other commitments, past or present, of a candidate, tenderer or supplier, or any conflict with his own interests. These restrictions also apply to sub-contractors and employees of the candidate, tenderer or supplier.

Contract: The signed agreement entered into by the parties for the performance of the services, including all attachments thereto and all documents incorporated therein.

Contract Value: The total value of the contract to be paid by the Contracting Authority in terms of the agreed terms and conditions.

Contracting Authority: means the Malta Resources Authority.

Contractor: The party which contracts to perform the services.

Day: Calendar day.

Drawings: Drawings provided by the Contracting Authority, and/or drawings provided by the Contractor and approved by the Project Manager, for the carrying out of the services.

EC: The European Community.

EU: The European Union.

Evaluation Committee: a committee made up of an odd number of voting members (at least three) appointed by the Contracting Authority and possessing the technical, linguistic and administrative capacities necessary to give an informed opinion on tenders.

Fee-Based Contract: A contract under which the services are provided on the basis of fixed fee rates for each day/hour worked by experts/service provider.

Final Beneficiary: The Malta Resources Authority

Foreign currency: Any currency permissible under the applicable provisions and regulations other than the Euro, which has been indicated in the tender.

General conditions: The general contractual provisions setting out the administrative, financial, legal and technical clauses governing the execution of contracts.

General damages: The sum not stated beforehand in the contract, which is awarded by a court or an arbitration tribunal, or agreed between the parties, as compensation payable to an injured party for a breach of the contract by the other party.

Global Price Contract: A contract under which the services are performed for an all-inclusive fixed price.

In writing: This includes any hand-written, typed or printed communication, including fax transmissions and electronic mail (e-mail).

Liquidated damages: The sum stated in the contract as compensation payable by the Contractor to the Contracting Authority for failure to complete the contract or part thereof within the periods under the contract, or as payable by either party to the other for any specific breach identified in the contract.

Modification: An instruction given by the Project Manager which modifies the works.

Month: Calendar month.

National currency: The currency of the country of the Contracting Authority.

Period: A period begins the day after the act or event chosen as its starting point. Where the last day of a period is not a working day, the period expires at the end of the next working day.

Plant: appliances and other machinery, and, where applicable under the law and/or practice of the state of the Contracting Authority, the temporary structures on the site required to carry out the works but excluding equipment or other items required to form part of the permanent works.

Project: The project in relation to which the services are to be provided under the contract.

Project Manager: The natural or legal person responsible for monitoring the implementation of the contract on behalf of the Contracting Authority.

Public Service: Government Ministries and Departments.

Services: Activities to be performed by the Contractor under the contract such as technical assistance, studies, training and designs.

Special conditions: The special conditions laid down by the Contracting Authority as an integral part of the tender document, amplifying and supplementing the general conditions, clauses specific to the contract and the terms of reference.

Tender document/s: The dossier compiled by the Contracting Authority and containing all the documents needed to prepare and submit a tender.

Tender price: The sum stated by the tenderer in his tender for carrying out the contract.

Terms of Reference: The Tender Specifications and Conditions drawn up by the Contracting Authority giving the definition of its requirements and/or the objectives in respect of the provision of services, specifying, where relevant, the methods and resources to be used by the Contractor and/or the results to be achieved by it.

Time Limits: Those periods in the contract which shall begin to run from the day following the act or event which serves as the starting point for those periods. Should the last day of the period fall upon a non-working day, the period shall expire at the end of the first working day following the last day of the period.

Written communications: Certificates, notices, orders and instructions issued in writing under the contract.

2.0 TENDER PROCESS

2.1 General Instructions (Pre Submission of Tenders)

- 2.1.1 In submitting a Tender, the tenderer accepts in full and its entirety, the content of this Tender Document, including subsequent Clarifications issued by the Contracting Authority, whatever its own corresponding conditions may be, which it hereby waives. Tenderers are expected to examine carefully and comply with all instructions, forms, contract provisions and specifications contained in this Tender Document.
- 2.1.2 No account shall be taken of any reservation in the Tender as regards the Tender Document; any disagreement, contradiction, alteration or deviation shall lead to the Tender offer not being considered further.
- 2.1.3 The Tender Evaluation Committee shall, after having obtained approval by the Contracting Authority, request rectifications in respect of incomplete/non-submitted information pertinent to the documentation as outlined in sub-clauses 1.2.4, 1.2.6, 1.2.7, 1.2.8, 1.2.9 and 1.2.10 **only**. Such rectification/s shall be submitted within two (2) working days from notification, and shall be subject to a non-refundable administrative penalty of €50. **Failure to comply shall result in the Tender offer not being considered further.**
- 2.1.4 Tenderers bear the sole liability of examining with appropriate care the Tender documents, including those design documents available for inspection, and any clarification notes to the Tender documents issued during the Tendering period, and for obtaining reliable information with respect to conditions and obligations that may in any way affect the amount or nature of the Tender or the execution of the works. In the event that the tenderer is successful, no claim for alteration of the Tender amount shall be entertained on the grounds of errors or omissions in the obligations of the tenderer described above.
- 2.1.5 Tenderers shall promptly notify the Finance and Administration Section, within the Malta Resources Authority, of any ambiguity or discrepancy that they may discover upon examination of the Tender Document.
- 2.1.6 Tenderers requiring clarification or interpretations of the Tender Document shall make a written or faxed request (fax number 22955200) or via e-mail (email address: enquiry@mra.org.mt) at least **six (6) working days prior** to the closing date for receipt of Tenders. **Any request after this date shall not be accepted.**
- 2.1.7 Any interpretations, corrections or changes to the Tender Document by the Contracting Authority shall be made by an official addendum. Interpretations, corrections or changes made in any other manner shall not be valid, and Tenderers shall not rely upon such interpretations, corrections and changes.
- 2.1.8 Addenda shall be faxed or emailed to all those who are known by the Contracting Authority to have procured a complete Tender Document.
- 2.1.9 No addenda shall be issued later than four (4) working days prior to the date of receipt of

Tenders except an addendum postponing the date for receipt of Tenders or withdrawing the request for tenders.

- 2.1.10 The Contracting Authority may, at its own discretion, extend the deadline for submission of Tenders to give tenderers sufficient time to take clarification notes into account when preparing their Tenders.
- 2.1.11 The tenderer shall provide all documents required by the provisions of the Tender document. All such documents, without exception, shall comply strictly with these conditions and provisions, and contain no alterations made by the tenderer.
- 2.1.12 A tenderer shall submit an offer for all the items as described in the tender.
- 2.1.13 The tenderer must offer the whole of the services indicated in tender. Under no circumstances will tenders for only part of the services required will be taken into consideration.

2.2 Eligibility

- 2.2.1 Participation in tendering is open on equal terms, to all natural and legal persons of the member States of the European Union, the beneficiary country, and any other country in accordance with Regulation 76 of the Public Procurement Regulations.
- 2.2.2 Natural persons, companies or undertakings who fall under any of the conditions set out in Regulation 50 of the Public Contracts Regulations, 2010 (Legal Notice 296 of 2010) shall be excluded from participation in the award of the Contracts. Tenderers or candidates who have been guilty of making false declarations shall also incur financial penalties representing 10% of the total value of the contract being awarded.
- 2.2.3 Tenders submitted by companies forming a joint venture/consortium must also fulfil the following requirements:
- One partner must be appointed lead partner and that appointment confirmed by submission of powers of attorney signed by legally empowered signatories representing all the individual partners. The tender must include a preliminary agreement or letter of intent stating that all partners assume joint and several liability for the execution of the contract, that the lead partner is authorised to bind, and receive instructions for and on behalf of, all partners, individually and collectively.
 - All partners in the joint venture/consortium are bound to remain in the joint venture/consortium until the conclusion of the contracting procedure. The consortium/joint venture winning this contract must include the same partners for the whole performance period of the contract other than as may be permitted or required by law.
- 2.2.4 All materials, equipment and services to be supplied under the Contract must originate in an eligible country. For these purposes, “origin” means the place where the materials and/or equipment are mined, grown, produced or manufactured and/or from which services are provided.

2.3 Multiple Tenders

- 2.3.1 A tenderer may submit multiple tender offers.
- 2.3.2 A Company shall not tender for a given contract both individually and as a partner in a joint venture/consortium.
- 2.3.3 A Company shall not tender for a given contract both individually/partner in a joint venture/consortium, and at the same time be nominated as a sub-contractor by any other tenderer, or joint venture/consortium.
- 2.3.4 A Company may act as a sub-contractor for any number of tenderers, and joint venture/consortia, provided that it does not participate individually or as part of a joint venture/consortium, and that the nominations do not lead to a conflict of interest, collusion, or improper practice.

2.4 Tender expenses

- 2.4.1 The Tenderer shall bear all costs associated with the preparation and submission of the Tender.
- 2.4.2 The Contracting Authority shall neither be responsible for, nor cover, any expenses or losses incurred by the Tenderer through site visits and inspections or any other aspect of his/her Tender.

2.5 Labour Law

- 2.5.1 Particular attention is drawn to the conditions concerning the employment of labour in Malta and the obligation to comply with all regulations, rules or instructions concerning the conditions of employment of any class of employee.

2.6 Law

- 2.6.1 By submitting their Tenders, tenderers are accepting that this procedure is regulated by Maltese Law, and are deemed to know all relevant laws, acts and regulations of Malta that may in any way affect or govern the operations and activities covered by the Tender and the resulting contract.

2.7 Language of Tenders / Preparation of Tenders

- 2.7.1 The Tender and all correspondence and documents related to the Tender exchanged by the tenderer and the Contracting Authority shall be written in English.
- 2.7.2 Supporting documents and printed literature furnished by the tenderer may be in another language, provided they are accompanied by an accurate translation into English. For the purposes of interpretation of the Tender, the English language shall prevail.
- 2.7.3 The Tenderer's submission shall be typed in, or handwritten in indelible ink and signed by the person listed in the Tenderers Details Form enclosed with the Tender Document. Any

pages on which entries or correction to his/her submission have been made shall be initialled by the person listed in the Tenderers Details Form. All pages shall be numbered consecutively by hand, machine or in any other way acceptable by the Contracting Authority.

- 2.7.4 The Tender shall contain no changes or alterations, other than those made in accordance with instruction issued by the Contracting Authority (issue as clarification notes) or necessitated by errors on the part of the tenderer. In the latter case, corrections shall be initialled by the person signing the tender.
- 2.7.5 The Tender shall be rejected if it contains any alteration, tampering, addition or deletion to the Tender documents not specified in a clarification note issued by the Contracting Authority.

2.8 Tender Rates/Prices

- 2.8.1 The Tender rates/prices shall cover the whole of the works/supplies/services as described in the Tender Document.
- 2.8.2 The tenderer shall provide a breakdown of the overall rates/prices in Euro (€).
- 2.8.3 Tenderers must quote all components of the price **inclusive** of taxes, customs and import duties and any discounts. Tenderers not registered with the VAT authority in Malta, must **still** include in their financial offer any VAT that the contracting authority may have to pay either in Malta or the country where the tenderer is registered irrespective of the reverse charge mechanism. The financial offer will be considered as the total financial cost to the contracting authority including any VAT that may have to be paid not through the winning tenderer. Except as may otherwise be provided for in the contract, no payment will be made for items which have not been costed.
- 2.8.4 Different options are to be clearly identifiable in the technical and financial submission; **thus, a separate Tender form marked 'Option 1', 'Option 2' etc. for each individual option clearly outlining the rates/prices of the relative option, is to be submitted. Failure to abide by this clause shall render the Tender null.**
- 2.8.5 If the tenderer offers a discount, the discount shall be absorbed in the rates of the Bill of Quantities / Schedule of Rates / Schedule of Prices.
- 2.8.6 The rates/prices of the Contract shall include all of the works to be provided. The rates/prices quoted are fixed and not subject to revision or escalation in costs, unless otherwise provided for in the Special Conditions.

2.9 Currencies of Tender and Payments

- 2.9.1 The currency of the Tender is the Euro (€). All sums in the breakdown of the overall rates/price, in the questionnaire and in other documents shall be expressed in Euro(€).
- 2.9.2 (a) Notwithstanding the provisions of payment terms referred to under the relative Clause of the General Conditions for Service Contracts (article 26, Payments and Interest on late payments) no pre-financing will be paid in this contract;

(b) Interim payments, totalling 10% of the contract price, are made within 60 days of the Contracting Authority receiving the corresponding interim reports (six in total) and raw data as requested in clauses 8.4.6 and 8.4.7–Tender Specifications and conditions;

(c) Final payment of 40% of the contract price related the submission of the final report and presentations as in clause 8.4.6 and 8.4.8- Tender Specifications and conditions;

(d) Payment under this contract shall be effected within a reasonable period of time. This shall be taken to mean that payment is to be effected within 60 days from the presentation of the bill to the Contracting Authority provided that the invoices are accepted and certified by the Contracting Authority and that the services conducted are carried out to the satisfaction of the Officer in charge of the Contract. Any penalties which shall be incurred by the Contractor shall be deducted from these bills. In breach of this time limit a Contractor shall be entitled to the payment of interest at 2% over the rate of interest established by Central Bank of Malta for the particular period. The provisions established in the General Conditions for Service Contract with respect to late payment (Article 26) are not applicable.

2.9.3 The Contractor shall submit VAT invoices in accordance with the Twelfth Schedule of the VAT Act. Invoices shall only be registered as valid if in full compliance with this clause and the Contracting Authority shall not be held liable for delays in payments due should the Contractor have submitted an invalid invoice. Invoices submitted not in accordance with this requirement shall not be processed for payment and the Contracting Authority reserves the right to request the Contractor to re-issue the invoice accordingly.

2.9.4 Payment of bills shall be stopped whenever, in the opinion of the Contracting Authority, the Contractor is under penalty for breach of any conditions of the Contract.

2.10 Tender Guarantee (Bid Bond)

The tender guarantee (Bid Bond) is set at €1,000(one thousand Euro) and must be an original and valid guarantee presented in the form specified in Part 2 of the tender document. The guarantee must be issued by a local Maltese Bank or Financial Institution licensed by a recognized Financial Regulator in the country where the company is located and who assumes responsibility for claims and payments to the amount as stated above. It must remain valid for 120 calendar days from the closing date of the Tender. The tender guarantee must be drawn in the name of the Chief Executive Officer of the Malta Resources Authority, Millennium, Aldo Moro Road, Marsa, MRS 9065, Malta.

The tender guarantee (bid bond) is intended as a pledge that the tenderer will not retract his offer up to the expiry date of the guarantee and, if successful, that he will enter into a contract with Chief Executive Officer on the terms and conditions in the tender document.

Hence, the guarantee shall be forfeited if the tender withdraws his tender before the above-mentioned validity date or if tender fails to provide the Performance Guarantee

Tender guarantees provided by the tenderers who have not been selected shall be released within 30 calendar days from the signing of the contract, and on submission of a valid performance guarantee.

Offers that are not accompanied with the mandatory Tender Guarantee (Bid Bond) by the Closing Date and time of the tender will be automatically disqualified.

Tenderers will be requested to clarify/rectify, within two (2) working days from notification, the tender guarantee submitted, only in the following two circumstances: either incorrect validity date, and/or incorrect value. Such rectification/s must be submitted within two (2) working days, and will be subject to a non-refundable administrative penalty of €50. Failure to comply shall result in the tender not being considered any further.

3.0 TENDER SUBMITTALS

3.1 Method of Submissions

- 3.1.1 A written proposal for this call of Tender shall be submitted at the Finance and Administration Section of the Malta Resources Authority, Marsa by the time and date indicated in the attached notice. Tenders are to be delivered to the following address:

**The Financial Controller
Finance and Administration Section
Malta Resources Authority
Millennia, 2nd Floor
Aldo Moro Road
Marsa, MRS 9065
MALTA**

Late submissions shall not be accepted. The proposal for this Tender shall be closed in a sealed package with the Advert Number clearly marked on it and submitted either by recorded delivery (official postal/courier service) or hand delivered and deposited in the Tender Box at the Finance and Administration Section of the Malta Resources Authority. **Any other method of submission shall NOT be accepted.**

- 3.1.2 By casting the Tender, the tenderer shall be deemed to be in a position to carry out all the services specified in this Tender Document.
- 3.1.3 Each Tenderer shall ascertain, prior to submitting his/her Tender, that he/she has received all addenda issued and shall acknowledge their receipt in his/her Tender.
- 3.1.4 Tenderers shall quote their VAT Registration Number in the appropriate space provided in the Tenderers' Details Form. Moreover, prospective bidders shall be bound to conform in all respects to the VAT legislation and regulations.
- 3.1.5 Tenderers are required to submit the following set of documents with their tender

submission and for each option submitted (if any):

- a. **Bid Bond** as per Clause 2.10
- b. **Schedule of Rates/Prices** as per Clause 1.2.2
- c. **Tenderer's Details Form** as per Clause 1.2.4
- d. **Form of Tender** as per Clause 1.2.5
- e. **Proof of Purchase** as per Clause 1.2.6
- f. **Data on Joint Venture/ Consortium Form (if applicable)** as per Clause 1.2.7
- g. **Sub-contracting Form (if applicable)** as per Clause 1.2.8
- h. **Statement on Conditions of Employment** as per Clause 1.2.9
- i. **Specification Form** as per Clause 1.2.10
- j. **Technical Literature, in English Language** as per Clause 1.2.11

3.1.6 The information collected on this form shall be processed in accordance to the Data Protection Act 2001. The contents of this document are confidential and intended solely for the use of this organization, and shall not be disclosed or copied without your consent, to anyone outside the Company unless the law permits us to.

3.2 Late Tenders

3.2.1 All Tenders received after the deadline for submission specified in the contract notice or these instructions shall be kept by the Contracting Authority. The associated guarantees shall be returned to the tenderers (if any).

3.2.2 No liability shall be accepted for late delivery of Tenders. Late Tenders shall be rejected and shall not be evaluated.

4.0 OPENING AND EVALUATION OF OFFERS

4.1 Opening of Tenders

- 4.1.1 Tenders shall be opened in public session on the date and time indicated in the Tender advert and in the Tender Document, at the Finance and Administration Section of the Malta Resources Authority, Marsa, Malta by the Tender Opening Board. The Board shall draw up a 'Schedule of Tenders Received' which shall be published on the notice board at the Finance and Administration Section and shall also be available for public viewing.
- 4.1.2 Reductions or alterations to tender rates/prices made by tenderers after submission shall not be taken into consideration during the analysis and evaluation of Tenders.

4.2 Secrecy of the Procedure

- 4.2.1 After the opening of the Tenders, no information about the examination, clarification, evaluation or comparison of Tenders or decisions about the Contract award shall be disclosed before the notification of award.
- 4.2.2 Information concerning checking, explanation, opinions and comparison of Tenders and recommendations concerning the award of contract, shall not be disclosed to Tenderers or any other person not officially involved in the process unless otherwise permitted or required by law.
- 4.2.3 Any attempt by a tenderer to approach any member of the Evaluation Committee / Contracting Authority directly during the evaluation period shall be considered legitimate grounds for disqualifying his/her Tender.

4.3 Clarification of Tenders

- 4.3.1 When checking and comparing Tenders, the Evaluation Committee may, after obtaining approval from the Departmental Tenders Committee, ask a tenderer to clarify any aspect of his/her tender.
- 4.3.2 Such requests and the responses to them shall be made by email or fax. They may in no circumstances alter or try to change the rates/price or content of the Tender, except to correct arithmetical errors discovered by the evaluation committee when analysing tenders.

4.4 Tender Evaluation Process

- 4.4.1 **Part 1, Administrative compliance:** The Evaluation Committee shall check the compliance of Tenders with the instructions given in the Tender Document.
- 4.4.2 The Evaluation Committee shall, after having obtained approval from the Departmental Tenders Committee, request rectification in respect of incomplete/non-submitted information pertinent to the documentation as outlined in clause 2.1.3 of this Tender document. Such rectifications shall be submitted within two (2) working days from

notification, and shall be subject to a non-refundable administrative penalty of €50. **Failure to comply shall result in the Tender offer not being considered any further.**

4.4.3 **Part 2, Eligibility and Selection compliance:** Tenders which have been considered administratively compliant shall be evaluated for admissibility as outlined below:

- a) Eligibility Criteria as per clause 2.2
- b) Technical Compliance-Specification form
- c) Financial Evaluation: Schedule of rates/prices

4.5 **Correction of Arithmetical Errors**

4.5.1 Admissible Tenders shall be checked for arithmetical errors by the Evaluation Committee. Errors shall be corrected as follows:

- a) Where there is a discrepancy between amounts in figures and in words, the amount in words shall prevail;
- b) Where there is a discrepancy between a unit rates/price and the total amount derived from the multiplication of the unit rates/price and the quantity, the unit rates/price as quoted shall prevail.

4.5.2 The amount stated in the Tender shall be adjusted by the Evaluation Committee in the event of error, and the tenderer shall be bound by that adjusted amount. In this regard, the Evaluation Committee shall seek prior approval of the Departmental Tenders Committee to communicate the revised rates/prices to the tenderer. If the tenderer does not accept the adjustment, his/her Tender shall be rejected and his/her tender guarantee forfeited (if any).

4.5.3 When analysing the Tender, the Evaluation Committee shall determine the final Tender rates/prices after adjusting it on the basis of clause 4.5.1.

5.0 CONTRACT AWARD

5.1 Criteria for Award

5.1.1 The sole award criterion shall be the rates. The contract shall be awarded to the cheapest priced Tender satisfying the administrative and technical criteria.

5.2 Right of the Contracting Authority to accept or reject any Tender

5.2.1 The Contracting Authority reserves the right to accept or reject any Tender and/or to cancel the whole Tender procedure and reject all Tenders. In such an event, the Contracting Authority reserves the right to initiate a new invitation to Tender.

5.2.2 In the event of a Tender procedure's cancellation, tenderers shall be notified by the Contracting Authority. If the Tender procedure is cancelled before the opening of any envelope of any Tender, the sealed envelopes will be returned, unopened to the tenderers.

5.2.3 Cancellation may occur where:

- a) the Tender procedure has been unsuccessful, namely where no qualitatively or financially worthwhile Tender has been received or there has been no response at all;
- b) the economic or technical parameters of the project have been fundamentally altered;
- c) exceptional circumstances or force majeure render normal performance of the project impossible;
- d) all technically compliant Tenders exceed the financial resources available;
- e) there have been irregularities in the procedure, in particular where these have prevented fair competition.

5.2.4 **In no circumstances shall the Contracting Authority be liable for damages, whatever their nature (in particular damages for loss of profits) or relationship to the cancellation of a Tender, even if the Contracting Authority has been advised of the possibility of damages. The publication of a contract notice does not commit the Contracting Authority to implement the programme or project announced.**

5.3 Notification of Award of Contract

5.3.1 Prior to the expiration of the period of validity of Tenders, the Contracting Authority shall notify the successful tenderer, in writing, that his/her Tender has been recommended for award by the Evaluation Committee, pending any appeal being lodged in terms of Part II, Regulation 21 of the Public Contracts Regulations, a copy of which is reproduced hereunder.

5.3.2 Unsuccessful bidders shall be notified with the outcome of the evaluation process, and shall be provided with the following information:

- a) the criteria for award;
- b) the name of the successful tenderer;

- c) the recommended price if the successful bidder;
- d) the deadline for filing a notice of objection (appeal);
- e) the deposit required if lodging an appeal.

5.3.3 The recommendations for award shall be published on the notice board of the Contracts and Procurement Section. It shall be the obligation of the Tenderer to periodically check that such recommendations have been so published.

5.4 Contract Signing and Performance Guarantee

- 5.4.1 After the lapse of the appeals period, and pending that no objections have been received and/or upheld, the successful tenderer may be invited to clarify certain contractual questions raised therein. Such clarification will be confined to issues that had no direct bearing on the choice of the successful tender. The outcome of any such clarifications will be set out in a Letter of Acceptance.
- 5.4.2 At any time prior to the award of the tender, the Company reserves the right to request the tenderer to provide a certificate issued by the Employment and Training Corporation, indicating the number and details of employees duly registered with Corporation. In those cases where tenderers intend to sub-contract the works, they shall produce an original or authenticated certificate from ETC which indicates the respective registration number of the nominated subcontractors. The certificate shall be required for the sole purpose of confirming that the tenderer possesses, or has available, adequate human resources to perform the contract to a timely and successful completion. **Any tenderer who fails to provide the requested certificate/s when requested to do so, shall be disqualified from further consideration towards the award of the contract.**
- 5.4.3 In submitting this tender, the tenderer is certifying his/her acceptance in full of all the tender terms and conditions, including all addenda issued by the Contracting Authority prior to the closing date for the submission of tender offers. The successful tenderer may, upon the issue of the Letter of Intent, be requested to endorse all sheets of the tender document and any addenda issued during the tenders' submission period as a means of confirmation of his/her acceptance of all the contents thereof, and he/she shall do so without any reservations or conditions. Requests to waive particular terms, conditions or specifications, shall not be entertained and may result in termination of the contract.
- 5.4.4 Within 5 working days from receipt of letter of intent from the Contracting Authority, the successful tender shall call at the Finance and Administration Section to sign and date the contract. The Contract would not be signed unless the successful tenderer furnishes personally the performance guarantee (where applicable). On signing of the Contract by the Contracting Authority the successful tenderer will become the Contractor and the contract will enter into force.
- 5.4.5 Before the Contracting Authority signs the contract with the successful tenderer, the successful tenderer may be requested to provide the documentary proof or statements required to show that it does not fall into any of the exclusion situations listed in Clause 7 of the Tender Form. The above mentioned documents must be submitted by every member of a Joint Venture/Consortium (if applicable).
- 5.4.6 If the selected tenderer fails to sign and return the contract, other required documentation, and any guarantees required within the prescribed 5 working days' period, the Contracting Authority may consider the acceptance of the tender to be cancelled without prejudice to the

Contracting Authority's right to seize the guarantee (Bid Bond), claim compensation or pursue any other remedy in respect of such failure, and the successful tenderer will have no claim whatsoever on the Contracting Authority.

The tenderer whose tender has been evaluated as second cheapest / Second most advantageous may be recommended for award, and so on and so forth.

- 5.4.7 Only the signed contract will constitute an official commitment on the part of the Contracting Authority, and activities may not begin until the contract has been signed by the Contracting Authority and the successful tenderer.
- 5.4.8 Tender guarantees (bid bonds) provided by tenderers who have not been selected shall be released within 30 calendar days from the signing of the contract. The tender guarantee of the successful tenderer shall be released on the signing of the contract, and on submission of a valid performance guarantee.
- 5.4.9 The performance guarantee referred to in the General Conditions is set at 10% of the amount of the contract and must be presented in the form attached to this tender document. The performance guarantee shall be released within 30 days of the signing of the Contractor's Performance Report by the Officer in charge of the contract, unless the Special Conditions provide otherwise.

Reproduction of Regulation 21, Part II of the Public Procurement Regulations 2010

Right of Recourse

21. (1) Where the estimated value of the public contract exceeds twelve thousand euro (€12,000) and is issued by an authority listed in Schedule 1, any tenderer or candidate concerned shall have a right to make a complaint to the Review Board in accordance with this regulation.

(2) (a) The contracting authority shall be obliged to issue a notice and affix an advertisement, in a prominent place at its premises, indicating the awarded public contract, the financial aspect of the award and the name of the successful tenderer. The contracting authority shall, by electronic means or by fax, inform the tenderer or candidate concerned of the publication of the award. The contracting authority shall be precluded from concluding the contract during the period allowed for the submission of appeals.

(b) The award process shall be completely suspended if an appeal is eventually submitted.

(3) Any tenderer or candidate concerned who is aggrieved by the award indicated by the contract authority may, within five working days from the publication of the notice, file a letter of objection, together with a deposit, with the contracting authority, clearly setting forth any reason for his complaint. The deposit to be paid in respect of tenders valued at less than forty-seven thousand euro (€47,000) shall be four hundred euro (€400), while those between forty-seven thousand euro (€47,000) and one hundred and twenty thousand euro (€120,000) shall be 0.5% of the estimated value of the tender, with a minimum deposit of four hundred euro (€400). The letter by the complaining tenderer shall be affixed on the notice board of the contracting authority and shall be brought to the attention of the recommended tenderer.

(4) After the expiry of the period allowed for the submission of a complaint, the contracting authority shall deliver the letter of complaint, the deposit receipt and all documents relating to the public contract in question to the Review Board who shall examine the matter in a fair and equitable manner. In its deliberation the Review Board shall have the authority to obtain, in any manner it deems appropriate, any other information not already provided by the contracting authority. The Review Board shall determine the complaint by upholding or rejecting it. The written decision of the Review Board shall be affixed on the notice board of the contracting authority and copies thereof shall be forwarded to the Director of Contracts and all the parties involved.

(5) The tenderer or candidate concerned who is not satisfied with the decision granted by the Review Board may refer the matter to the Court of Appeal (Inferior Jurisdiction) in terms of article 41(6) of the Code of Organization and Civil Procedure within a period of sixty days. Such recourse however may not delay the Head of the contracting authority from implementing the Review Board's decision.

6.0 GENERAL CONDITIONS

- 6.1.1 The full set of General Conditions for Supply / Works / Services Contracts (Version 1.02 dated 1st December 2011) can be viewed/downloaded from:

www.contracts.gov.mt/conditions

- 6.1.2 It is hereby construed that the tenderers have availed themselves of these general conditions, and have read and accepted in full and without reservation the conditions outlined therein, and are therefore waiving any standard terms and conditions which they may have.

These general conditions will form an integral part of the contract that will be signed with the successful tenderer/s.

- 6.1.3 Any reference made in the General Conditions for Service Contract to “Volume 1 Section 4.10 (Organisation & Methodology)” shall be considered as reference to “Part 2 – Organisation & Methodology”.

- 6.1.4 Any reference made in the General Conditions for Service Contract to “Volume 3 Section 1 (Terms of Reference)” shall be considered as reference to “Part 1 – 8.0 Tender Specifications and Conditions” of the tender document

7.0 CONTRACT SPECIAL CONDITIONS

7.1 General

- 7.1.1 This Agreement shall be read, governed and construed in accordance with the Laws of Malta and any controversy in relation thereto shall be submitted to final and binding arbitration in terms of Part IV of the Arbitration Act (Chapter 387 of the Laws of Malta)
- 7.1.2 Any dispute, controversy or claim arising out of or relating to this contract, or breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the rules of the Malta Arbitration Centre as at present in force. Any reference in the attached General Conditions to other arbitration procedures shall not apply.
- 7.1.3 The acceptance of the Tender under this contract shall not hinder the Contracting Authority from procuring works/supplies/services (as applicable) similar in nature to those requested by this Tender, but which fall outside the scope of this Tender in terms of quantity, quality and/or specifications, from any other source if and whenever is considered necessary. In these circumstances, the Contractor shall not claim any right whatsoever to be assigned such similar works/supplies/services.
- 7.1.4 The Contractor cannot, directly or indirectly, subcontract or handover any part of this contract without the prior approval of the Contracting Authority, after a written request to this effect by the Contractor.
- 7.1.5 The Contractor shall assume full responsibility and accountability, according to the current legislation, concerning the Health and Safety of his/her employees and/or his/her subcontractors, including any third parties involved in the execution of this tender.
- 7.1.6 The Contractor shall be bound to conform with the Occupational Health and Safety Authority Act 2000 (Cap 424 of the Laws of Malta) and to all regulations/legal notice that form part of his/her Act; as well as any other national and European Union legislation, regulations, standards, and/or codes of practices in effect during the execution of the contract, regarding Health-and-Safety issues, as they apply for the Contractor's particular operating situation and nature of work activities.
- 7.1.7 The successful Contractor shall provide all health and safety related equipment as required by the Maltese legislation, good practice, as may be required by the Company and as may be further detailed in this Contract.
- 7.1.8 The Contractor shall allocate all necessary resources to safeguard the health and safety of operatives, including those of subcontractors, and of any persons whom the Works may affect. The Contractor shall undertake to perform all necessary risk assessments, H&S procedures and maintain all relevant supporting records as required by Maltese legislation, good practice and as may be required by the Contracting Authority. This also includes the provision by the Contractor of all necessary personal protective equipment, mainly personnel on site are to wear safety boots, gloves, masks and all the necessary safety clothing to protect themselves, vaccinations and medical check-ups (if required) to all his/her employees, including those of subcontractors, employed on site or who are employed to execute the services requested in this Contract. The Contracting Authority reserves the right to carry out inspections in this respect and if the Contractor is found non-compliant then the Contracting Authority shall ask the Contractor to abide with H&S regulations with immediate effect. Subsequent notifications may imply that the Contractor is disqualified from the tender following which the Contracting Authority will seek the

services requested from the next cheapest Tenderer.

- 7.1.9 The contractor shall be solely responsible for the safe operation of the plant and equipment employed on site in connection with the works, including the safety of the operators. All equipment shall conform to all safety regulations and legislation in force and / or recognised standards/codes of practice, while all the operators shall be in possession of all the necessary recognised permits, qualification and skill required to carry out such duties.
- 7.1.10 The Contracting Authority reserves the right to inspect all the equipment that shall be required by the Contractor to provide the services requested in this Tender Document.
- 7.1.11 A daily penalty of Two Hundred Fifty Euro (€250) shall be charged to the Contractor if he/she fails to satisfactorily provide the requested services as stipulated in this Tender Document, and/or the service is found to be seriously lacking in quantity, quality or efficiency and/or the Contractor breaches any of the conditions stipulated in this Tender document. In such case, the Contracting Authority shall issue Notification Warning letters or Default Notices, notifying the Contractor of his/her breach of contract and requesting immediate remedial action by the Contractor who shall remedy the failure within three working days from the notification, or else, as may be otherwise required by the Contracting Authority. Moreover, the Contracting Authority reserves the right to engage other contractors to execute the contract and any extra expenses incurred, further to the contract rates, shall be borne by the contractor. During the period the daily penalty is being applied, the Contracting Authority reserves the right to terminate the contract and award the contract to other bidders competing in the same tender. Moreover, in such event, the bank guarantee shall be forfeited.
- 7.1.12 Should the abovementioned Clause (7.1.11) be applied, the final sum due to the contractor shall be determined upon the expiry of the notice period indicated and any penalties or extra costs shall be deducted accordingly.
- 7.1.13 The Contractor shall follow and execute all legitimate directives and instructions issued by the Contracting Authority. The procurement detailed in this tender is authorised by the Contracting Authority as represented on site by the designated Officer in charge of the Contract, who shall verify that all the conditions stipulated in this tender are adhered to. All works to be carried out by the contractor shall always be under the direction and supervision of the Officer in charge of the Contract, who may be assisted by a technical officer or employee of the Contracting Authority.
- 7.1.14 The contractor shall take all risks of accident or damage to the work, from whatever cause arising, and shall be responsible for the sufficiency of all means use by him for the fulfilment of the contract, and shall not be relieved from such responsibility by any approval which may have been given by the Chief Executive.
- 7.1.15 After the issue of the letter of award and prior to commencement of the works the Contractor shall take out and maintain a full indemnity insurance policy covering, from the start of performance of the contract and throughout its duration, the following aspects:
- (a) the Contractor's liability in respect of any accident affecting his Employees or third parties arising out of the performance of the contract;
 - (b) loss of, or damage to, the third parties arising out of the performance of the contract;
 - (c) civil liability in the event of accident caused to third parties arising out of the

performance of the contract;

(d) any accidental death or permanent disability resulting from bodily injury incurred during the contract , and loss of, or damage to third parties arising out of the performance of the contract

In any case, the Contracting Authority shall be held harmless for any type of loss or damage to third parties arising out of the performance of the contract.

- 7.1.16 The Chief Executive may adopt any means he may think fit to satisfy himself that the materials specified are actually used, and he shall have the power throughout the contract, either personally or by deputy, to inspect, without giving previous notice, the entire work, or any part thereof at every stage of progress and wherever the work, or any part thereof, may be in progress, to amend or alter anything he may think fit and to reject any parts of the work of which he may disapprove.
- 7.1.17 The Contractor shall not access any private premises in conjunction with the execution of this contract unless provided with an approval letter from the Contracting Authority. Without prejudice to any other law allowing the entry into any premises at all reasonable times to a service provider, the Contractor shall carry an identification pass issued by Malta Resources Authority which pass shall be produced each time that any such person requests admission to any private premises in the course of the execution of the contract.
- 7.1.18 The Contractor shall inform the customers that they have been selected to participate in the survey within reasonable time which shall not be less than 15 working days from the date the actual monitoring at their premises is due to commence.
- 7.1.19 The Authority is not bound to accept the lowest or any tender and shall not give reasons for the acceptance or rejection of a particular tender.
- 7.1.20 The Authority reserves the right of accepting any tender wholly or in part, or of dividing the contract among two or more tenderers.
- 7.1.21 The award of the contract does not exonerate the contractor from the obligation of obtaining any other permit and/or licence that may be required under any law, principal or subsidiary, in force in Malta from time to time.
- 7.1.22 Should there be any discrepancy between the General Conditions and any special conditions or specifications of any contract, the special conditions or specifications shall be followed in preference to the General Conditions.

7.2 Ethics Clauses

- 7.2.1 Any attempt by a candidate or tenderer to obtain confidential information, enter into unlawful agreements with competitors or influence the committee or the Authority or the Contracts Committee during the process of examining, clarifying, evaluating and comparing tenders will lead to the rejection of his candidacy or tender and may result in administrative penalties.
- 7.2.2 Without the Authority's prior written authorisation, the Contractor and his staff or any other company with which the Contractor is associated or linked may not, even on an ancillary or sub-contracting basis, supply other services, carry out works or supply equipment for projects or activities arising from or related to the Consultancy services

being provided. This prohibition also applies to any other programmes or projects that could, owing to the nature of the contract, give rise to a conflict of interest on the part of the Contractor.

- 7.2.3 When putting forward a candidacy or tender, the candidate or tenderer must declare that he is affected by no potential conflict of interest, and that he has no particular link with other tenderers or parties involved in the project.
- 7.2.4 The Contractor must at all times act impartially and as a faithful adviser in accordance with the code of conduct of his profession. He must refrain from making public statements about the project or services without the Contracting Authority's prior approval. He may not commit the Contracting Authority in any way without its prior written consent.
- 7.2.5 For the duration of the contract, the Contractor and his staff must respect human rights and undertake not to offend the political, cultural and religious morals of Malta.
- 7.2.6 The Contractor may accept no payment connected with the contract other than that provided for therein. The Contractor and his staff must not exercise any activity or receive any advantage inconsistent with their obligations to the Contracting Authority.
- 7.2.7 The Contractor and his staff are obliged to maintain professional secrecy for the entire duration of the contract and after its completion. All reports and documents drawn up or received by the Contractor are confidential. The Contractor is expected to sign a confidentiality agreement with the Contracting Authority undertaking that any data and information gathered during the survey shall be treated as confidential information and will not be used for any other purpose other than those requested by the Contracting Authority.
- 7.2.8 The contract governs the Parties' use of all reports and documents drawn up, received or presented by them during the execution of the contract.
- 7.2.9 The Contractor shall refrain from any relationship likely to compromise his independence or that of his staff. If the Contractor ceases to be independent, the Authority may, regardless of injury, terminate the contract without further notice and without the Contractor having any claim to compensation.
- 7.2.10 The tender(s) concerned will be rejected or the contract terminated if it emerges that the award or execution of a contract has given rise to unusual commercial expenses. Such unusual commercial expenses are commissions not mentioned in the main contract or not stemming from a properly concluded contract referring to the main contract, commissions not paid in return for any actual and legitimate service, commissions remitted to a tax haven, commissions paid to a recipient who is not clearly identified or commissions paid to a company which has every appearance of being a front company.

7.3 Data Protection and Freedom of Information

- 7.3.1 Any personal data submitted in the framework of the procurement procedure and/or subsequently included in the contract shall be processed pursuant to the Data Protection Act (2001). It shall be processed solely for the purposes of the performance, management and follow-up of the procurement procedure and/or subsequent contract by the Contracting Authority without prejudice to possible transmission to the bodies charged with a monitoring or inspection task in conformity with National and/or Community law.

7.3.2 The provisions of this contract are without prejudice to the obligations of the Contracting Authority in terms of the Freedom of Information Act (Cap. 496 of the Laws of Malta). The Contracting Authority, prior to disclosure of any information to a third party in relations to any provisions of this contract which have not yet been made public, shall consult the contractor in accordance with the provisions of the said Act, pertinent subsidiary legislation and the Code of Practice issued pursuant to the Act. Such consultation shall in no way prejudice the obligations of the Contracting Authority in terms of the Act.

7.4 Gender Equality

7.4.1 In carrying out his/her obligations in pursuance of this contract, the tenderer shall ensure the application of the principle of gender equality and shall thus 'inter alia' refrain from discriminating on the grounds of gender, marital status or family responsibilities. Tenderers are to ensure that these principles are manifest in the organogram of the company where the principles aforementioned, including the selection criteria for access to all jobs or posts, at all levels of the occupation hierarchy are amply proven. In this document words importing one gender shall also include the other gender.

8.0 TENDER SPECIFICATIONS AND CONDITIONS

8.1 Contract Objective

This Tender is for the performance of a survey on the voltage quality of the electricity supply on the low distribution network in Malta and Gozo on behalf of the Malta Resources Authority.

8.2 Contract Term and Frequency of Use

The commencement of the works shall not occur later than 6 weeks from 'Order to Start Works' issued by the Contracting Authority. Tenderers may declare a shorter commencement period where indicated on the Schedule of Rates. If a tenderer does not declare such commencement time on the Schedule of Rates, it shall be construed that the commencement period quoted above has been accepted.

8.3 Submission of Literature

A detailed description of the services tendered in conformity with the technical specifications listed below, including any documentation required, and any addenda that may be issued, should be included in the tender proposal.

8.4 Specifications

The tenderer is to supply a quotation for the actual performance of the survey, analysis of the data and the submission of reports as described in the tender document. Any equipment, software required for the proper execution of the works shall be provided by the tenderer and shall be deemed to be included in the tender price.

The Authority shall not provide any office space or equipment to the tenderer.

8.4.1 General

This voltage quality survey shall be performed on the low voltage distribution system. The survey shall involve the measurement and gathering of voltage quality data, analysis of the data and reporting to the Contracting Authority as described in this tender.

The low voltage service connection points that will be considered in the survey are rated at 230V/400 V (+/- 10%) and do not exceed the current rating capacity of 60A/phase. The low voltage single phase supplies in Malta are rated at 40Amps. The four wire system is used for three phase supplies. In the case of connection points served with a three phase supply only those rated up to 60Amps/phase shall be considered in the survey.

The survey shall be carried out over a timeframe of 12 months and shall involve the monitoring of certain voltage disturbances and other electricity supply parameters on the low voltage network in the selected low voltage measurement points. The measurement points for the gathering of the necessary data required for the survey shall be located in the premises of a selection customers connected to the low voltage part of the distribution system.

In total 106 low voltage customers shall be involved in the survey of which 97 to be located in Malta and 9 to be located in Gozo.

The voltage disturbances as listed clause 8.4.2 shall be continuously monitored for 15 days for each of 96 randomly selected locations in Malta and for each of 8 randomly selected

locations in Gozo.

One location in Malta and one location in Gozo shall be selected to be monitored for voltage disturbances continuously for the duration of 12 months as listed in clause 8.4.3.

The low voltage customers that will be asked to participate in the survey shall be stratified randomly selected by the Contractor. The selection process shall involve the random selection of the localities in Malta and in Gozo to participate in the survey. The aim shall be to involve as much as possible different localities in Malta and in Gozo. Once the localities are selected the customers that will participate in the survey shall be chosen by the Contractor at random for each locality. Only low voltage customers served with a single phase supply may be selected to participate in the 15 day monitoring. Whereas f the two connection points that will be monitored continuously for the duration of 12 months shall be selected from customers served with 60/Amps three phase only.

The Contractor may not claim any expenses related to incentives given to the participants in the survey on his own initiative.

8.4.2 15 day continuous monitoring

The number of low voltage locations that will be monitored continuously for the duration of 15 days shall be 96 selected locations in Malta and 8 selected locations in Gozo in accordance with clause 8.4.1.

For each one of the monitored points the following voltage disturbances shall be monitored:

1. Supply voltage variations
2. Flicker
3. Voltage unbalance (in three phase connections)
4. Harmonic voltage
5. Inter harmonic voltage
6. Total Harmonic distortion
7. Mains signalling

8.4.3 12 month continuous monitoring

One location in Malta and one location in Gozo shall be selected in accordance with clause 8.4.1 and shall be monitored continuously and simultaneously for the duration of 12 months continuously for the following voltage disturbances and other electricity supply parameters:

1. Supply voltage variations
2. Flicker

3. Voltage unbalance
4. Harmonic voltage
5. Inter harmonic voltage
6. Total harmonic distortion
7. Mains signalling
8. Frequency
9. Voltage swells
10. Voltage dips
11. Voltage interruptions
12. Single rapid voltage changes
13. Transient over voltages

8.4.4 Monitoring equipment and software

The Contractor shall provide all the equipment necessary to enable the measurement of parameters, gathering/storing of data and analysis required for the survey. The software to perform the analysis and reporting required by the Contracting Authority as indicated in clauses 8.4.6, 8.4.7 and 8.4.8 shall also be provided by the Contractor. The survey shall be spread over 12 months.

The 15 days monitoring shall be divided into groups with each group consisting of 8 sites simultaneously monitored for 15 days as specified in clauses 8.4.1 and 8.4.2 and such that not more than 8 sites will be requested to be monitored simultaneously for 15 days.

In addition, two sites shall be monitored continuously for the duration of 12 months as per clauses 8.4.1 and 8.4.3. The fixing of appointments with customers participating in the survey shall be done by the Contractor.

The installation and removal of the measurement equipment required in the survey at the consumer premises shall also be done by the Contractor.

8.4.5 Minimum technical standards

Voltage quality measurements in each one of the monitored sites and analysis of the voltage quality data collated from the monitored sites as specified in this tender shall be carried out in compliance with EN 61000-4-30 Class S or better and EN 50160 latest versions unless specified otherwise in the tender.

The equipment used to take voltage quality measurements shall be compliant with EN 61326 in terms of EMC.

Class of equipment used to take the voltage quality measurements shall be double insulated.

Tenderers must confirm their capability of adhering to these standards and consequently

their ability to produce reliable results with the required level of accuracy.

In general the Contractor is also expected to refer to “Guidelines of Good Practice on the implementation and use of voltage Quality Monitoring systems for regulatory purposes- REF: C12-EQS-51-03 dated 3rd December 2012. Familiarity with the CEER Benchmarking reports on quality of supply is also expected.

8.4.6 Data analysis and reporting

The Contractor shall perform the analysis including the statistical analysis on the voltage disturbance data collated during the survey as specified in clauses 8.4.1, 8.4.2, 8.4.3, 8.4.4 and 8.4.5, derive the indices and reports as specified in this tender.

The Contractor shall provide the Contracting Authority with quarterly interim reports within one month of the end of the quarter. It is expected that the Contractor submits in total six interim reports. The Contractor shall analyse the data collated from the monitoring of the sites to provide the interim reports according to clause 8.4.7.

At the completion of the 12 month survey the Contractor shall provide the Contracting Authority with a detailed final report. The final report shall be provided within one month from completion of the 12 month survey. The Contractor shall analyse the data collated from the monitoring of all sites and provide the final report as described in clause 8.4.8.

The Contractor will also be required to make two presentations to the MRA Board on results of the completed voltage quality survey.

In the reports submitted to the Contracting Authority the Contractor is expected to describe the methodology used to gather the data and perform the statistical analysis, sources of uncertainty and inaccuracy in the raw data and statistical results derived from such data.

Apart from the reports and presentations, the Contractor shall also provide the contracting Authority with all the raw data gathered during the monitoring exercise in MS office database/spreadsheets. The raw data shall be provided with the interim reports.

In the preparation of the reports, the Contractor is expected to use graphical and tabular presentation where reasonably possible to aid the comprehension of the results.

Any reference in the reports to the monitored sites shall be made by the use of reference code and personal details of the customers participating in the survey shall not appear in the report. The Contractor shall however provide separately to the Contracting Authority the full details of each monitored site.

At the end of the contractual period the Contractor shall delete any data gather during the survey.

8.4.7 Interim reports

The quarterly interim reports shall be provided within one month of the end of the quarter and shall refer to results and findings from the sites monitoring carried out in the two previous months. The interim reports prepared in line with clause 8.4.6 shall cover the outputs requested in clause 8.4.7.1 to clause 8.4.7.12 and as described therein and as applicable.

8.4.7.1 Supply voltage variations

The r.m.s voltage shall be calculated over a 10-minute period as defined in EN 61000-4-30. Flagged values due to interruptions shall be removed. For each monitored location the following site indices shall be calculated over each period of a week

- The 0.5% value of the minimum and maximum 10-minute r.m.s voltage;
- The 99.5% value of the minimum and maximum 10-minute r.m.s voltage;
- The number of 10-minute r.m.s voltages that are at least 110% of the nominal voltage;
- The number of 10-minute r.m.s voltages that are at most 90% of the nominal voltage.

In the case three-phase connections, these four indices shall be calculated for each of the three voltage channels, phase-to-neutral.

8.4.7.2 Voltage dips

The voltage dips events occurring in the two sites where this voltage disturbance is being monitored during the two months covered by the interim report shall be reported including the residual voltage and duration for each triggered event.

8.4.7.3 Voltage swells

The voltage swells events occurring in the two sites where this voltage disturbance is being monitored during the two months covered by the interim report shall be reported including the maximum r.m.s voltage and duration for each triggered event.

8.4.7.4 Single rapid voltage changes

In the absence of a specific standard for the reporting and benchmarking of single rapid voltage changes, all the events involving changes in the voltage r.m.s value within the +/- 10% of the nominal voltage occurring at rate faster than 0.5% ($dv/dt \Rightarrow 0.5\%$) of the nominal voltage per second for each of the days monitored shall be reported. This shall be done for each of the two sites monitored for this voltage disturbance.

8.4.7.5 Flicker severity

The 10-minute short term flicker severity P_{st} shall be calculated as defined in EN 61000-4-15. The long term severity P_{lt} shall be obtained over a 2 hour interval and in accordance with EN 61000-4-15. Flagged values due to interruptions, voltage dips, voltage swells, rapid voltage changes, voltage transients and transient overvoltage shall be eliminated when calculating the flicker severity.

For each of the monitored location the following indices shall be calculated for each period of a week:

- The 95% value of the Pst;
- The 95% value of the Plt;
- The number of Pst values that exceed 1.0;
- The number of Pst values that exceed 1.5.

In the case where the location being monitored is served with a three phase supply these three indices shall be calculated for each of the phases, phase to neutral.

8.4.7.6 Voltage unbalance

The 10-minute ratio of negative and positive voltage (“unbalance”) shall be calculated as defined in EN 61000-4-30. Flagged values due to interruptions, voltage dips, voltage swells, rapid voltage changes, voltage transients and transient over voltages shall not be taken into consideration.

For every monitored location served with a three phase supply, the following site indices shall be calculated over each period of a week:

- The 99% value of the unbalance over the period;
- The number of unbalance values that exceed 2% during the period;
- The number of unbalance values that exceed 1.5% during the period.

8.4.7.7 Harmonic voltage

Harmonics shall be measured to assess compliance with clause 4.2.5 of EN 50160.

The 10-minute harmonic subgroup shall be calculated as defined in EN 61000-4-30 and EN 61000-4-7. Flagged values due to interruptions, voltage dips, voltage swells, rapid voltage changes, voltage transients and transient over voltages shall not be considered.

The following “harmonic characteristics”, obtained over each 10-minute interval and shall be included in the report:

- Harmonic subgroup 3
- Harmonic subgroup 5;
- Harmonic subgroup 7;
- The total harmonic distortion over all odd harmonic subgroups of order 9 through 39;
- The total harmonic distortion over all even harmonic subgroups of order 2 through 40.

For each of the monitored location, the following site indices shall be calculated over each period of a week and for each of the above-mentioned harmonic characteristics:

- The 99% value of the harmonic characteristic;
- In the case of harmonic subgroups 3, 5 and 7: The number of values that exceed the EN 50160 values;
- In the case of harmonic subgroups 3, 5 and 7: The number of values that exceed 75% of the EN 50160 values;

The number of 10-minute intervals during which at least one of the EN 50160 limits is exceeded.

In a case where the monitored location is served with three-phase supply these four indices shall be calculated for each of the three voltage channels phase-to-neutral.

8.4.7.8 Interharmonic voltage

The 10-minute interharmonic subgroup shall be calculated as defined in EN 61000-4-30 and EN 61000-4-7. Flagged values due to interruptions, voltage dips, voltage swells, rapid voltage changes, voltage transients and transient over voltages shall not be taken into consideration.

The total harmonic distortion over all interharmonic subgroups of order 2.5 through 39.5 shall be used as an interharmonic characteristic. Given that the Interharmonic subgroups 0.5 and 1.5 are strongly related to flicker these shall not be considered in the calculation of the interharmonic benchmarking index.

The 99% value of the interharmonic characteristic for each period of a week shall be calculated.

In case where the monitored location is served with a three-phase supply this index shall be calculated for each of the three voltage channels, phase-to-neutral.

8.4.7.9 Mains signalling voltages

For each of the sites monitored, the number of days for which the 3 second mean value of signalling voltages superimposed on the mains voltage is not in accordance with clause 4.2.7 of EN50160:2010 shall be reported.

8.4.7.10 Power Frequency

The nominal frequency of the distribution system voltage is 50Hz. The Network Code published by Enemalta in 2007 requires that under normal operating conditions the mean value measured over 10s of the fundamental frequency shall be within a range of:

- 50Hz +/- 1% (i.e. 49.5 to 50.5Hz) during 99.5% of a year
- 50Hz -5/+4% (i.e. 47.5 to 52.0Hz) during 100% of the time

As may be seen the tolerances in b. differ from those given in the EN 50160

The measured frequency values as calculated according to EN61000-4-30, consisting of a 10s averages of the frequency obtained for the duration of the two months covered by the interim report shall be reported.

8.4.7.11 Interruptions of supply

For the two sites where supply interruptions are monitored the following results shall be presented:

- Number of interruptions shorter than 3mins;
- Number of supply interruptions longer than 3mins;
- Duration of each interruption longer than 3mins.

8.4.7.12 Transient overvoltage

Transient overvoltage events shall be reported with details of magnitude, duration and general characteristics (impulse or oscillatory).

8.4.8 Final report

The final report shall cover all the sites monitored during the survey and include the results as described in this section. The final report prepared in line with clause 8.4.6 shall cover the outputs requested in clause 8.4.8.1 to clause 8.4.8.12 and as described therein.

8.4.8.1 Supply voltage variations

The following system indices using the data collected from all the monitored locations shall be calculated for the period of 12 months

- The 5% value of the 0.5% site values;
- The 95% value of the 99.5% site values;
- The 95% value of the number of 10-minute r.m.s voltages per site at least 110% of nominal;
- The 95% value of the number of 10-minute r.m.s voltages per site at most 90% of nominal;
- The percentage of sites with at least one of the 10-minute r.m.s voltages at least 110% of nominal;
- The percentage of sites with at least one of the 10-minute r.m.s voltages at most 90% of nominal;

8.4.8.2 Power frequency

The 99.5% and the 100% frequency values over a 12 months period shall be calculated for each site where the frequency is monitored.

8.4.8.3 Flicker severity

The following system indices shall be calculated using the data collected from all the monitored locations and reported as a measurement of flicker severity over the period of 12 months:

- The 95% value of the 95% Pst values for each site;
- The 95% value of the 95% Plt values for each site;
- The 95% value of the number of Pst values that exceed 1.0;
- The 95% value of the number of Pst values that exceed 1.5;
- The percentage of sites for which at least one of the Pst values exceeds 1.0;
- The percentage of sites for which at least one of the Pst values exceeds 1.5.

In the case of a three phase service the highest of the three values calculated for the site shall be used as a basis for calculating the system indices.

8.4.8.4 Harmonic voltage

The following system indices shall be calculated over a 12 months period using the data using the data collected from all the monitored locations:

- The 95% value of the 99% values for each site;
- In the case of harmonic subgroups 3, 5 and 7) the 95% value of the number of values that exceed the EN 50160 limits;
- In the case of harmonic subgroups 3, 5 and 7) the 95% value of the number of values that exceed 75% of the EN 50160 limits;
- In the case of harmonic subgroups 3, 5 and 7) the percentage of sites for which at least one of the values exceeds the EN 50160 limits;
- In the case of harmonic subgroups 3, 5 and 7) the percentage of sites for which at least one of the values exceeds 75% of the EN 50160 limits;
- The 95% value of the number of 10-minute intervals during which at least one of the EN 50160 limits is exceeded.

In the case where the monitored location is served with a three-phase supply the highest of the three values calculated for each site shall be used as a basis for calculating the system indices.

8.4.8.5 Inter harmonic voltage

The 95% value of the 99% values obtained for each of the monitored sites shall be

calculated.

In the case where the monitored location is served with a three-phase supply the highest of the three values for obtained each phase to neutral shall be used as a basis for calculating the system indices above.

8.4.8.6 Mains signalling voltages

For each of the sites monitored, the number of occurrences in the whole 12 months where the 3 second mean value of signal voltages superimposed on the mains voltage is not in accordance with clause 4.2.7 of EN50160:2010 shall be reported.

8.4.8.7 Voltage dips

For each of the two sites where this disturbance is monitored the number of voltage dips over 12 months shall be calculated and presented in the form of table 2 of clause 4.3.2.4- Voltage dips classification in EN 50160:2010.

8.4.8.8 Voltage swells

For each of the two sites where this disturbance is monitored the number of voltage swells over 12 months shall be calculated and presented in the form of table 3 clause 4.3.2.6. in the EN50160:2010.

8.4.8.9 Transient over voltages

Transient overvoltage events in the two sites where this disturbance is monitored shall be reported including magnitude and duration. The results of the events recorded over the whole 12 months for the two sites shall be summarised using the table below.

Overvoltage	Duration (microseconds)							
	<1	<5	<10	<50	<100	<500	<1000	>1000
100<200	count	count	count	count	count	count	count	count
200<500	count	count	count	count	count	count	count	count
500<1kV	count	count	count	count	count	count	count	count
1kV<2kV	count	count	count	count	count	count	count	count
2kV<6kV	count	count	count	count	count	count	count	count
=>6kV	count	count	count	count	count	count	count	count

8.4.8.10 Single rapid voltage changes

In the absence of a specific standard for the reporting and benchmarking of single rapid voltage changes, the number of days in the whole 12 months classified by the number of events per day, with changes in the voltage r.m.s value within the +/-10% of the nominal voltage occurring at a rate faster than 0.5% of the nominal voltage per second. This shall be done for the two sites where this disturbance is monitored.

8.4.8.11 Voltage unbalance

The following indices shall be calculated for voltage unbalance over 12 months for each of the two monitored sites:

- The 95% value of the 95% values for each site;
- The 95% value of the number of unbalance values that exceed 2%;
- The 95% value of the number of unbalance values that exceed 1.5%;
- The percentage of sites for which at least one of the unbalance values exceeds 2%;
- The percentage of sites for which at least one of the unbalance values exceeds 1.5%.

8.4.8.12 Supply voltage interruptions

For the two sites where supply voltage interruptions are monitored the following results shall be presented:

- Total number of interruptions shorter than 3mins during the 12 months
- Total number of supply interruptions longer than 3mins during the 12 months
- The average duration of the interruptions (longer than 3 mins) over the 12 months

8.4.9 Calibration certificate of monitoring equipment

The successful tender shall submit calibration certificates for all the equipment used to for site monitoring prior to the start of the monitoring. The certificates shall not be dated more than eight (weeks) prior to date of commencement of the contract and shall include the serial number and model of the equipment to which they refer. The calibration certificates shall be issued by an independent and reputable laboratory

8.4.10 Data validation

In the offer the tender shall specify what data validation procedures will be used to verify the data being captured by the equipment installed in the monitored locations for the performance of the survey.

8.5 Other Requirements/Considerations

The tender will be evaluated on the total prices of in Schedule of Prices and Rates.

Tenders failing to submit rates for any of the items listed in the Schedule of Prices and Rates will not be considered in the evaluation.

PART 2:

TENDER FORM

(A separate, distinct Tender Form must be submitted for EACH OPTION – if applicable - submitted)

Place and Date:

Publication reference: MRA/ENE/31/2013

Name & address of Contracting Authority: Malta Resources Authority
Millennia 2nd Floor
Aldo Moro Road
Marsa

TENDER FOR THE PERFORMANCE OF AN ELECTRICITY SUPPLY VOLTAGE
QUALITY SURVEY

A TENDER SUBMITTED BY

A. TENDER SUBMITTED BY:	<i>(This will be included in the Summary of Tenders Received)</i>		
<u>In case of a Joint Venture/Consortium:</u> Name(s) of Leader/Partner(s)	Nationality	Proportion of Responsibilities ²	
Leader ¹			
Partner ¹			
Etc ...			

1. Add/delete additional lines for partners as appropriate. Note that a sub-contractor is not considered to be a partner for the purposes of this tender procedure. If this tender is being submitted by an individual tenderer, the name of the tenderer should be entered as 'leader' (and all other lines should be deleted)

2. Proposed proportion of responsibilities between partners (in %) with indication of the type of the works to be performed by each partner (the company acting as the lead partner in a joint venture/consortium, they must have the ability to carry out at least 50% of the contract works by its own means. If a company is another partner in a joint venture/consortium (i.e. not the lead partner) it must have the ability to carry out at least 10% of the contract works by its own means).

Service intended to be sub-contracted	Name and details of sub-contractors	Value of sub-contracting as percentage of the total cost ³	Experience in similar services (details to be specified)
1			
2			
(.)			

3. The maximum amount of sub-contracting must not exceed [.....%] of the total contract value. The main contractor must have the ability to carry out at least [.....%] of the contract works by his own means.
NOTE TO COMPILER: THIS SECTION IS TO BE REMOVED/MARKED NOT APPLICABLE IF NO SUB-CONTRACTING IS ALLOWED. LIAISE WITH DOC

B CONTACT PERSON (for this tender)

Name		Surname	
Telephone	(____) _____	Fax	(____) _____
Address	..... ..... .....	
E-mail			

C TENDERER'S DECLARATION(S)

To be completed and signed by the tenderer (including each partner in a consortium).

In response to your letter of invitation to tender for the above contract, we, the undersigned, hereby declare that:

- 1 We have examined, and accept in full and in its entirety, the content of this tender document (including subsequent Clarifications Notes issued by the Contracting Authority) for invitation to tender No **MRA/ENE/31/2013** of 5th April 2013. We hereby accept the contents thereto in their entirety, without reservation or restriction. We also understand that any disagreement, contradiction, alteration or deviation shall lead to our tender offer not being considered any further.
- 2 We offer to provide / supply, in accordance with the terms of the tender document and the conditions and time limits laid down, without reserve or restriction, the following services / supplies:

[.....] [*description of services*]

- 3 The rates/prices of our tender (inclusive of VAT, duties, other taxes and any discounts) is:
- [.....]
- 4 This tender is valid for a period of 120 calendar days from the final date for submission of tenders.
- 5 We are making this application in our own right and **[as partner in the consortium** led by < name of the leader / ourselves >] for this tender. We confirm that we are not tendering for the same contract in any other form. [We confirm, as a partner in the consortium, that all partners are jointly and severally liable by law for the performance of the contract, that the lead partner is authorised to bind, and receive instructions for and on behalf of, each member, and that all partners in the joint venture/consortium are bound to remain in the joint venture/consortium for the entire period of the contract's performance]. We are fully aware that, in the case of a consortium, the composition of the consortium cannot be modified in the course of the tender procedure.
- 6 We are not bankrupt or under an administration appointed by the Court, or under proceedings leading to a declaration of bankruptcy. We also declare that we have not been convicted criminally, or found guilty of professional misconduct. Furthermore, we are up-to-date in the payment of social security contributions and other taxes.
- 7 We accept that we shall be excluded from participation in the award of this tender if compliance certificates in respect of declarations made under Clause 7 of this declaration are not submitted by the indicated dates.
- 8 We have no potential conflict of interests or any relation with other candidates or other parties in the tender procedure at the time of the submission of this application. We have no interest of any nature whatsoever in any other tender in this procedure. We recognise that our tender may be excluded if we propose key experts who have been involved in preparing this project or engage such personnel as advisers in the preparation of our tender.
- 9 We will inform the Contracting Authority immediately if there is any change in the above circumstances at any stage during the implementation of the contract. We also fully recognise and accept that any false, inaccurate or incomplete information deliberately provided in this application may result in our exclusion from this and other contracts funded by the Government of Malta and the European Communities.
- 10 I acknowledge that the Contracting Authority shall request rectifications in respect of incomplete/non-submitted information pertinent to the documentation listed in clause 2.1.3. We understand that such rectification/s must be submitted within two (2) working days, and will be subject to a non-refundable administrative penalty of €50, and that failure to comply shall result in our offer not being considered any further.
- 11 We note that the Contracting Authority is not bound to proceed with this invitation to tender and that it reserves the right to cancel or award only part of the contract. It will incur no liability towards us should it do so.

Name and Surname: _____

I.D. / Passport Number: _____

Signature of tenderer: _____

Duly authorised to sign this
tender on behalf of: _____

Company/Lead Partner VAT No: _____
(if applicable)

Stamp of the firm/Company: _____

Place and date: _____

PROOF OF PURCHASE (receipt)

I confirm that the tender document was purchased by on our
Insert name of purchaser

exclusive behalf, on via as
Insert date of purchase Authority's website/ Cash Office

attested by the receipt attached herewith.

(Please attach a copy of the purchase receipt, which demonstrates that the tender document was purchased before the closing time and date of this call for tenders.)

Signature:

(the person or persons authorised to sign on behalf of the tenderer)

Date:

TENDERER'S DETAILS

Name of Tenderer/Joint Venture/Consortium	..........
Address	..........
Manufacturer⁰	.....
Country of Origin	.....
VAT Registration Number (if applicable)	.....
Name of Contact Person	.....
I.D. / Passport Number	.....
Signature	.....
Date	.....

DATA ON JOINT VENTURE/CONSORTIUM (if applicable)

4.4.1	Name	.....
4.4.2	Managing Board's Contact Details	Address: Telephone: Fax: Email:
4.4.3	Agency in the state of the Contracting Authority, if any <i>(in the case of a Joint Venture/ Consortium with a foreign lead partner)</i>	Address: Telephone: Fax: Email:
4.4.4	Names of Partners	(i) (ii) (iii) (iv)
4.4.5	Name of Lead Partner	.....

4.4.6	Agreement governing the formation of the Joint Venture/Consortium <i>(Enclose Joint Venture/ Consortium Agreement)</i>	
	Place of Signature:	Date of Signature:
4.4.7	Proposed proportion of responsibilities between partners (in %) with indication of the type of the works to be performed by each* * The Company acting as the lead partner in a joint venture/consortium, they must have the ability to carry out at least 50% of the contract works by its own means. If a Company is another partner in a joint venture/consortium (i.e. not the lead partner) it must have the ability to carry out at least 10% of the contract works by its own means	
 -% -%
 -% -%

Signature:
(the person or persons authorised to sign on behalf of the tenderer)

Date:

SUBCONTRACTING (if applicable)

If the tenderer plans to sub-contract part of the works, he/she must provide the following details:

Service/s intended to be sub-contracted	Name and details of sub-contractors	Value of sub-contracting as percentage of the total cost	Experience in similar services (details to be specified)

Signature:
(the person or persons authorised to sign on behalf of the tenderer)

Date:

STATEMENT ON CONDITIONS OF EMPLOYMENT

Tenderers are to ensure that self-employed personnel registered with Maltese Authorities are not engaged as employees of the company on this contract. Self-employed personnel may be engaged as subcontractors or as partners in a Joint Venture.

Non-compliance will invalidate the contract.

It is hereby declared that all employees engaged on this contract shall enjoy working conditions such as wages, salaries, vacation and sick leave, maternity and parental leave as provided for in the relative Employment Legislation. Furthermore, we shall comply with Chapter 424 of the Laws of Malta (Occupational Health and Safety Authority Act) as well as any other national legislation, regulations, standards and/or codes of practice or any amendment thereto in effect during the execution of the contract.

In the event that it is proved otherwise during the execution of the contract it is hereby being consented that the contract is terminated with immediate effect and that no claim for damages or compensation be raised by us.

I agree and commit to submit a copy of the monthly payslips of the employees being detailed to carry out the services and also the copies of the FS3 forms at the end of the year if so requested.

Signature:

(the person or persons authorised to sign on behalf of the tenderer)

Date:

SPECIFICATIONS FORM

(To be completed by the Tenderer or an Authorised Representative)

Tender reference	Tender - Minimum Requirements – clause title	Specifications of proposal offered by Tenderer: <i>To be filled in by Tenderer</i>	Confirmation whether tenderer's offer meets tender's minimum requirements as detailed in the specific tender clause– <i>Mark Y (Yes) or N (No) as applicable</i>
IMPORTANT NOTE: TENDERERS MUST COMPLETE <u>BOTH</u> COLUMNS			
Clause 8.1	Contract Objective		
Clause 8.2	Contract term and frequency of use		
Clause 8.3	Submission of literature		
Clause 8.4	Specifications		
Clause 8.4.1	General		
Clause 8.4.2	15 day continuous monitoring		
Clause 8.4.3	12 month continuous monitoring		
Clause 8.4.4	Monitoring equipment and software		
Clause 8.4.5	Minimum Technical Standards		
Clause 8.4.6	Data analysis and reporting		
Clause 8.4.7	Interim reports		
Clause 8.4.7.1	Supply voltage variations		

Tender reference	Tender - Minimum Requirements – clause title	Specifications of proposal offered by Tenderer: <i>To be filled in by Tenderer</i>	Confirmation whether tenderer's offer meets tender's minimum requirements as detailed in the specific tender clause– <i>Mark Y (Yes) or N (No) as applicable</i>
Clause 8.4.7.2	Voltage dips		
IMPORTANT NOTE: TENDERERS MUST COMPLETE BOTH COLUMNS			
Clause 8.4.7.3	Voltage swells		
Clause 8.4.7.4	Single rapid voltage changes		
Clause 8.4.7.5	Flicker severity		
Clause 8.4.7.6	Voltage unbalance		
Clause 8.4.7.7	Harmonic voltage		
Clause 8.4.7.8	Interharmonic voltage		
Clause 8.4.7.9	Mains signalling voltages		
Clause 8.4.7.10	Power Frequency		
Clause 8.4.7.11	Interruption of supply		
Clause 8.4.7.12	Transient over voltages		

Tender reference	Tender - Minimum Requirements – clause title	Specifications of proposal offered by Tenderer: <i>To be filled in by Tenderer</i>	Confirmation whether tenderer’s offer meets tender’s minimum requirements as detailed in the specific tender clause– <i>Mark Y (Yes) or N (No) as applicable</i>
IMPORTANT NOTE: TENDERERS MUST COMPLETE BOTH COLUMNS			
Clause 8.4.8	Final Report		
Clause 8.4.8.1	Supply voltage variations		
Clause 8.4.8.2	Power frequency		
Clause 8.4.8.3	Flicker severity		
Clause 8.4.8.4	Harmonic voltage		
Clause 8.4.8.5	Interharmonic voltage		
Clause 8.4.8.6	Mains signalling voltages		
Clause 8.4.8.7	Voltage dips		
Clause 8.4.8.8	Voltage swells		
Clause 8.4.8.9	Transient over voltages		
Clause 8.4.8.10	Single rapid voltage changes		

Tender reference	Tender - Minimum Requirements – clause title	Specifications of proposal offered by Tenderer: <i>To be filled in by Tenderer</i>	Confirmation whether tenderer’s offer meets tender’s minimum requirements as detailed in the specific tender clause– <i>Mark Y (Yes) or N (No) as applicable</i>
IMPORTANT NOTE: TENDERERS MUST COMPLETE BOTH COLUMNS			
Clause 8.4.8.11	Voltage unbalance		
Clause 8.4.8.12	Supply voltage Interruptions		
Clause 8.4.9	Calibration certificate of monitoring equipment		
Clause 8.4.10	Data validation		
Clause 8.5	Other requirements/consideration		

Name of Tenderer: _____

Date: _____

I.D. No.: _____

Signature: _____

SCHEDULE OF PRICES & RATES

This form must be filled in and submitted with the tender document. Failure to fill in the form, or a form with incomplete information, or form containing ambiguous financial information (e.g. rates, totals etc) shall disqualify the tendered submission.

(To be completed by the Tenderer or an Authorised Representative)

Item	Description	Unit	Rate - Euros (inclusive of VAT, ECO- Contribution and any other charges/taxes)	Quantity	Total - Euros (inclusive of VAT, ECO- Contribution and any other charges/taxes)
1	15 day continuous monitoring as specified in clauses 8.4.2 and 8.4.4	Per group of 8 sites		13	
2	12 month continuous monitoring as specified in clauses 8.4.3 and 8.4.4	Per site		2	
3	Analysis of the data collated under Item 1 as specified in clause 8.4.6 and in accordance with the reporting requirements under clauses 8.4.7 and 8.4.8	Per group of 8 sites		13	
4	Analysis of the data collated in Item 2 as specified in clause 8.4.6 and in accordance with the reporting requirements under clauses 8.4.7 and 8.4.8	per site		2	
5	Preparation and submission of interim reports and provision of raw data as specified under clauses 8.4.7 and 8.4.6	per report		6	
6	Preparation and submission of final report and presentations as specified in clauses 8.4.6 and 8.4.8	no		1	
TOTAL					

Tenderer's Declaration:

I hereby bind myself to deliver the items tendered for within _____
from date of Order to Start Works.

Name of _____ **Date:** _____
Tenderer:

I.D. No.: _____ **Signature:** _____

TENDER SUBMISSION CHECKLIST

The Tenderer is requested to tick in the boxes below to cross check that all documentation required in the Tender Document are completely filled-in and submitted with his/her Tender submission.

- BID BOND
 - SCHEDULE OF RATES & PRICES
 - TENDERER'S DETAILS FORM
 - FORM OF TENDER
 - PROOF OF PURCHASE
 - DATA ON JOINT VENTURE/ CONSORTIUM FORM (IF APPLICABLE)
 - SUB-CONTRACTING FORM (IF APPLICABLE)
 - STATEMENT ON CONDITIONS OF EMPLOYMENT FORM
 - SPECIFICATION FORM
 - FULL DETAILED LITERATURE IN ENGLISH LANGUAGE
 - CERTIFICATES ETC
 - ALL ADDENDA IS ATTACHED WITH THE SUBMISSION (IF ANY)
 - NO ALTERATIONS TO THE DOCUMENT HAVE BEEN MADE
-

Name of Tenderer: _____ Date: _____

I.D. No.: _____ Signature: _____

TENDER GUARANTEE FORM-BID BOND

(LETTERHEAD OF THE REGISTERED FINANCIAL INSTITUTION PROVIDING THE GUARANTEE)

Whereas the Chief Executive Officer of the Malta Resources Authority has invited tenders for the Performance of an electricity supply voltage quality and whereas Messrs _____ (Name of Tenderer) (hereinafter referred to as the Tenderer) is submitting such a tender in accordance with such invitation, we _____ (Name of Bank), hereby guarantee to pay you on your first demand in writing maximum sum of One thousand Euros (€ 1000) in case the Tenderer withdraws his tender before the expiry date or in the case the Tenderer fails to provide the Performance Bond, if called upon to do so in accordance with the Conditions Contract.

The guarantee becomes payable on your first demand and it shall not be incumbent upon us to verify whether such demand justified.

The guarantee expires within 120 calendar days starting on the closing date, (that is it is valid for 120 calendar days from the closing date of this tender at the close of business), and unless it is extended by us or returned to us for cancellation before that date, any demand made by you for payment must be received at this office in writing not later than the above mentioned expiry date.

This document should be returned to us for cancellation on utilisation or expiry or in the event of the guarantee being no longer required.

After the expiry date and in the absence of a written demand being received by us before such expiry date, this guarantee shall be null and void, whether returned to us for cancellation or not and our liability hereunder shall terminate.

Yours faithfully,

Bank Manager

Date

PERFORMANCE GUARANTEE FORM

(LETTERHEAD OF THE REGISTERED FINANCIAL INSTITUTION PROVIDING THE GUARANTEE)

Chief Executive Officer
Malta Resources Authority
Millennia, 2nd Floor
Aldo Moro Road
Marsa, MRS 9065
MALTA

Dear Sir,

Our Guarantee Number **for €**.....

Account: [Account Holder's Name]

In connection with the contract entered into between yourself on behalf of the Malta Resources Authority and [Name and Address of Contractor] hereinafter referred to as "the Contractor" as per the latter's tender and your acceptance under [Advert Number], whereby the contractor undertook the **Tender for the performance of an electricity supply voltage quality survey** in accordance to Clause 5.4.9 of the Tender Document, we hereby guarantee to pay you on demand a maximum sum of **€[amount in works and numbers]** in case the obligations of the above-mentioned contract are not duly performed by the Contractor.

This guarantee will become payable on your first demand and it shall not be incumbent upon us to verify whether such demand is justified.

For avoidance of doubt it is hereby declared that although this instrument gives rise to legal relations between the guarantor and the beneficiary, it is hereby specifically declared for all intents and purposes of law that this guarantee does not exempt the above-mentioned Contractor from any obligations, acts of performance or undertaking assumed under the tender documents as ratified in the contract.

Any payments due to the contractor in respect of the obligations entered into under the contract above referred to shall be made through this Bank.

This guarantee expires on the [expiry date] and unless it is extended by us or returned to us for cancellation before that date any demand made by you for payment must be received in writing not later than the aforementioned expiry date.

This document should be returned to us on utilization or expiry or in the event of the guarantee being no longer required.

After the expiry date and in the absence of a written demand being received by us before such expiry date, this guarantee shall be null and void, whether returned to us or not, and our liability hereunder shall terminate.

This guarantee is personal to you, and is not transferable or assignable.

Yours Faithfully,

.....
Bank Manager

.....
Date