



REPUBLIC OF KENYA
MINISTRY OF TRANSPORT, INFRASTRUCTURE,
HOUSING AND URBAN DEVELOPMENT,

STATE DEPARTMENT
OF PUBLIC WORKS
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(SUPPLIES BRANCH)

SB/37/2016-2017

SUPPLY OF EXPANDED POLY-STYRENE
PANELS OR STRUCTURAL AND
THERMAL INSULATED PANELS
FINANCIAL YEAR 2016-2017

CLOSING DATE: 11th October,2016

TIME: 10:00AM (EAST AFRICAN TIME)

A complete tender document can be downloaded from supplier portal
<https://supplier.treasury.go.ke>

Supplies Branch: Tender No. SB/37/2016-2017: Supply of Expanded Poly-Styrene Panels or Structural and Thermal Insulated Panels

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SECTION I INVITATION TO TENDER

DATE 19th September 2015

TENDER REF NO.: - SB/37/2016/2017

TENDER NAME: - Supply of EXPANDED POLY-STYRENE PANELS OR STRUCTURAL AND THERMAL INSULATED PANELS

- 1.1 The Principal Secretary, Ministry of Transport and Infrastructure, Housing and Urban Development, State Department of Public Works invites sealed bids from eligible candidates for supply of **Expanded Poly-Styrene Panels or Structural and thermal insulated panels to Government Ministries/Departments & Institutions** For the period of two (2) years commencing on the date of signed contract.
- 1.2 Interested eligible candidates may obtain further information from **supplier portal <https://supplier.treasury.go.ke>** and inspect the tender documents at **The Officer in Charge, Supplies Branch, Likoni Road, Industrial Area, P. O. Box 30071, Nairobi** during normal working hours.
- 1.3 A complete set of tender documents may be obtained by interested candidates upon payment of non-refundable fees of **1000 (One Thousand Only)** in cash or Bankers cheque payable to **The Officer in Charge, Supplies Branch, Likoni Road, Industrial Area, P. O. Box 30071, Nairobi**
- 1.4 Tenderers shall be required to submit a Tender / Bid Security of **KShs. 100,000 (Kenya Shillings One Hundred Thousand Only)** payable in bankers' cheque or cash to the Principal Secretary, Ministry of Public Works or a bid bond from **a Commercial Bank / Eligible Insurance Company** in the format provided in the Tender Documents to remain in force for a period of One Hundred and Fifty (150) days from the closing/opening date of the tender.
- 1.5 Completed tender documents are to be submitted online as indicated in 1.2 above or enclosed in plain sealed envelopes marked with tender reference number and be deposited in the Tender Box at **Supplies Branch, Likoni Road, Industrial Area, Nairobi** or be addressed to **The Officer in Charge, Supplies Branch, Likoni Road, Industrial Area, P. O. Box 30071, Nairobi** so as to be received on or before **11th October, 2016 at 10.00 am East African Time**
- 1.6 Prices quoted should be net inclusive of all taxes, delivery costs and must be expressed in Kenya Shillings and shall remain valid for one **Hundred and Twenty (120) days** from the closing/opening date of the tender
- 1.7 Tenders will be opened immediately thereafter in the presence of the Candidates or their representatives who choose to attend at **Supplies Branch, Likoni Road, Industrial Area, Nairobi**
OFFICER IN CHARGE
SUPPLIES BRANCH
FOR: PRINCIPAL SECRETARY
STATE DEPARTMENT OF PUBLIC WORKS

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SECTION II - INSTRUCTIONS TO TENDERERS

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SECTION II - INSTRUCTIONS TO TENDERERS

2.1 Eligible Tenderers

- 2.1.1 This Invitation for Tenders is open to all tenderers eligible as described in the Invitation to Tender. Successful tenderers shall complete the supply of goods by the intended completion date specified in the Schedule of Requirements Section VI.
- 2.1.2 The procuring entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.
- 2.1.3 Tenderers shall provide the qualification information statement that the tenderer (including all members of a joint venture and subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring entity to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods under this Invitation for tenders.
- 2.1.4 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices.

2.2 Eligible Goods

- 2.2.1 All goods to be supplied under the contract shall have their origin in eligible source countries.
- 2.2.2 For purposes of this clause, "origin" means the place where the goods are mined, grown, or produced. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components
- 2.2.3 The origin of goods is distinct from the nationality of the tenderer.

2.3 Cost of Tendering

- 2.3.1 The Tenderer shall bear all costs associated with the preparation and submission of its tender, and the procuring entity, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.
- 2.3.2 The price to be charged for the tender document shall not exceed Kshs.1,000/=
- 2.3.3 All firms found capable of performing the contract satisfactorily in accordance with the set prequalification criteria shall be prequalified.

2.4 Contents of Tender Document

- 2.4.1 The tender document comprises documents listed below and addendum issued in accordance with clause 2.6 of these instructions to Tenderers
- (i) Invitation to Tender
 - (ii) Instructions to tenderers
 - (iii) General Conditions of Contract
 - (iv) Special Conditions of Contract
 - (v) Schedule of requirements
 - (vi) Technical Specifications
 - (vii) Tender Form and Price Schedules
 - (viii) Tender Security Form
 - (ix) Contract Form
 - (x) Performance Security Form
 - (xi) Bank Guarantee for Advance Payment Form
 - (xii) Manufacturer's Authorization Form
 - (xiii) Confidential Business Questionnaire
- 2.4.2 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender documents or to submit a tender not substantially responsive to the tender documents in every respect will be at the tenderers risk and may result in rejection of its tender.

2.5 Clarification of Documents

- 2.5.1 A prospective tenderer requiring any clarification of the tender

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document may notify the Procuring entity in writing or by post at the entity's address indicated in the Invitation to Tender. The Procuring Entity will respond in writing to any request for clarification of the tender documents, which it receives not later than seven (7) days prior to the deadline for the submission of tenders, prescribed by the Procuring Entity. Written copies of the Procuring entities response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective tenderers that have received the tender document.

- 2.5.2 The procuring entity shall reply to any clarifications sought by the tenderer within 3 days of receiving the request to enable the tenderer to make timely submission of its tender.

2.6 Amendment of Documents

- 2.6.1 At any time prior to the deadline for submission of tenders, the Procuring entity, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, may modify the tender documents by amendment.

- 2.6.2 All prospective candidates that have received the tender documents will be notified of the amendment in writing or by post and will be binding on them.

- 2.6.3 In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, the Procuring entity, at its discretion, may extend the deadline for the submission of tenders.

2.7 Language of Tender

- 2.7.1 The tender prepared by the tenderer, as well as all correspondence and documents relating to the tender exchange by the tenderer and the Procuring entity, shall be written in English language, provided that any printed literature furnished by the tenderer may be written in another language provided they are accompanied by an accurate English translation of the relevant passages in which case, for purposes of interpretation of the tender, the English translation shall govern.

2.8 Documents Comprising the Tender

- 2.8.1 The tender prepared by the tenderers shall comprise the following components
- (a) a Tender Form and a Price Schedule completed in accordance with paragraph 2.9, 2.10 and 2.11 below
 - (b) documentary evidence established in accordance with paragraph 2.1 that the tenderer is eligible to tender and is qualified to perform the contract if its tender is accepted;
 - (c) documentary evidence established in accordance with paragraph 2.2 that the goods and ancillary services to be supplied by the tenderer are eligible goods and services and conform to the tender documents; and

2.9 Tender Forms

- 2.9.1 The tenderer shall complete the Tender Form and the appropriate Price Schedule furnished in the tender documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.
- 2.9.2 This is a Term Contract to be used by all Public Procurement entities and orders will be placed as and when required basis (**AWR**).

2.10 Tender Prices

- 2.10.1 The tenderer shall indicate on the appropriate Price Schedule the unit prices and total tender price of the goods it proposes to supply under the contract.
- 2.10.2 Quantity to determine total tender price shall be on an “**As and When Required**” basis.
- 2.10.3 Prices indicated on the Price Schedule shall include all costs including taxes, insurances and delivery to the premises of the entity.
- 2.10.4 Prices quoted by the tenderer shall be fixed during the Tender’s performance of the contract and not subject to variation on any account. A tender submitted with an adjustable price quotation will be treated as non-responsive and will be rejected, pursuant to paragraph 2.22

2.11 Tender Currencies

2.11.1 Prices shall be quoted in Kenya Shillings unless otherwise specified in the Appendix to Instructions to Tenderers.

2.12 Tenderers Eligibility and Qualifications

2.12.1 Pursuant to paragraph 2.1. the tenderer shall furnish, as part of its tender, documents establishing the tenderers eligibility to tender and its qualifications to perform the contract if its tender is accepted.

2.12.2 The documentary evidence of the tenderers eligibility to tender shall establish to the Procuring entity's satisfaction that the tenderer, at the time of submission of its tender, is from an eligible source country as defined under paragraph 2.1

2.12.3 The documentary evidence of the tenderers qualifications to perform the contract if its tender is accepted shall be established to the Procuring entity's satisfaction;

- (a) that, in the case of a tenderer offering to supply goods under the contract which the tenderer did not manufacture or otherwise produce, the tenderer has been duly authorized by the goods' Manufacturer or producer to supply the goods.
- (b) that the tenderer has the financial, technical, and production capability necessary to perform the contract;
- (c) that, in the case of a tenderer not doing business within Kenya, the tenderer is or will be (if awarded the contract) represented by an Agent in Kenya equipped, and able to carry out the Tenderer's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications.

2.13 Goods Eligibility and Conformity to Tender Documents

2.13.1 Pursuant to paragraph 2.2 of this section, the tenderer shall furnish, as part of its tender documents establishing the eligibility and conformity to the tender documents of all goods which the tenderer proposes to supply under the contract

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2.13.2 The documentary evidence of the eligibility of the goods shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.

2.13.3 The documentary evidence of conformity of the goods to the tender documents may be in the form of literature, drawings, and data, and shall consist of:

- (a) a detailed description of the essential technical and performance characteristic of the goods;
- (b) a list giving full particulars, including available source and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period of two (2) years, following commencement of the use of the goods by the Procuring entity; and
- (c) a clause-by-clause commentary on the Procuring entity's Technical Specifications demonstrating substantial responsiveness of the goods and service to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

2.13.4 For purposes of the documentary evidence to be furnished pursuant to paragraph 2.13.3(c) above, the tenderer shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procurement entity in its Technical Specifications, are intended to be descriptive only and not restrictive. The tenderer may substitute alternative standards, brand names, and/or catalogue numbers in its tender, provided that it demonstrates to the Procurement Entity's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

2.14 Tender Security

2.14.1 The tenderer shall furnish, as part of its tender, a tender security for the amount specified in the Appendix to Invitation to Tenderers.

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- 2.14.2 The tender security shall be in the amount of 0.5 – 2 per cent of the tender price.
- 2.14.3 The tender security is required to protect the Procuring entity against the risk of Tenderer's conduct which would warrant the security's forfeiture, pursuant to paragraph 2.14.7
- 2.14.4 The tender security shall be denominated in Kenya Shillings or in another freely convertible currency, and shall be in the form of a bank guarantee or a bank draft issued by a reputable bank located in Kenya or abroad, or a guarantee issued by a reputable insurance company in the form provided in the tender documents or another form acceptable to the Procuring entity and valid for thirty (30) days beyond the validity of the tender.
- 2.14.5 Any tender not secured in accordance with paragraph 2.14.1 and 2.14.3 will be rejected by the Procuring entity as non responsive, pursuant to paragraph 2.22
- 2.14.6 Unsuccessful Tenderer's tender security will be discharged or returned as promptly as possible as but not later than thirty (30) days after the expiration of the period of tender validity prescribed by the Procuring entity.
- 2.14.7 The successful Tenderer's tender security will be discharged upon the tenderer signing the contract, pursuant to paragraph 2.27 and furnishing the performance security, pursuant to paragraph 2.28
- 2.14.8 The tender security may be forfeited:
- (a) if a tenderer withdraws its tender during the period of tender validity specified by the procuring entity on the Tender Form; or
 - (b) in the case of a successful tenderer, if the tenderer fails:
 - (i) to sign the contract in accordance with paragraph 2.27
 - or
 - (ii) to furnish performance security in accordance with paragraph 2.28

2.15 Validity of Tenders

- 2.15.1 Tenders shall remain valid for 120 days or as specified in the Invitation to Tender after the date of tender opening prescribed by the Procuring entity, pursuant to paragraph 2.18. A tender valid for a

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shorter period shall be rejected by the Procuring entity as non responsive.

- 2.15.2 In exceptional circumstances, the Procuring entity may solicit the Tenderer's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The tender security provided under paragraph 2.14 shall also be suitably extended. A tenderer may refuse the request without forfeiting its tender security. A tenderer granting the request will not be required nor permitted to modify its tender.

2.16 Format and Signing of Tender

- 2.16.1 The Procuring entity shall prepare two copies of the tender, clearly marking each "ORIGINAL TENDER" and "COPY OF TENDER," as appropriate. In the event of any discrepancy between them, the original shall govern.

- 2.16.2 The original and all copies of the tender shall be typed or written in indelible ink and shall be signed by the tenderer or a person or persons duly authorized to bind the tenderer to the contract. The latter authorization shall be indicated by written power-of-attorney accompanying the tender. All pages of the tender, except for unamended printed literature, shall be initialed by the person or persons signing the tender.

- 2.16.3 The tender shall have no interlineations, erasures, or overwriting except as necessary to correct errors made by the tenderer, in which case such corrections shall be initialed by the person or persons signing the tender.

2.17 Sealing and Marking of Tenders

- 2.17.1 The Tenderer shall seal the original and each copy of the tender in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." The envelopes shall then be sealed in an outer envelope.

- 2.17.2 The inner and outer envelopes shall:

- (a) be addressed to the Procuring entity at the address given in the Invitation to Tender:
- (c) bear, tender number and name in the Invitation for Tenders and

the words, “DO NOT OPEN BEFORE” **(as per Tender notice)**

2.17.3 The inner envelopes shall also indicate the name and address of the tenderer to enable the tender to be returned unopened in case it is declared “late”.

2.17.4 If the outer envelope is not sealed and marked as required by paragraph 2.17.2, the Procuring entity will assume no responsibility for the tender’s misplacement or premature opening.

2.18 Deadline for Submission of Tenders

2.18.1 Tenders must be received by the Procuring entity at the address specified under paragraph 2.17.2 no later than **(as per Tender notice)**

2.18.2 The Procuring entity may, at its discretion, extend this deadline for the submission of tenders by amending the tender documents in accordance with paragraph 2.6, in which case all rights and obligations of the Procuring entity and candidates previously subject to the deadline will therefore be subject to the deadline as extended

2.19 Modification and Withdrawal of Tenders

2.19.1 The tenderer may modify or withdraw its tender after the tender’s submission, provided that written notice of the modification, including substitution or withdrawal of the tenders, is received by the Procuring Entity prior to the deadline prescribed for submission of tenders.

2.19.2 The Tenderer’s modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of paragraph 2.17. A withdrawal notice may also be sent by cable, telex but followed by a signed confirmation copy, postmarked not later than the deadline for submission of tenders.

2.19.3 No tender may be modified after deadline for submission of tenders.

2.19.4 No tender may be withdrawn in the interval between the deadline for submission of tenders and the expiration of the period of tender validity specified by the tenderer on the Tender Form. Withdrawal of a tender during this interval may result in the Tenderer’s forfeiture of its tender security, pursuant to paragraph 2.14.7

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- 2.19.5 The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.
- 2.19.6 The procuring entity shall give prompt notice of the termination to the tenderers and on request give its reasons for termination within 14 days of receiving the request from any tenderer.

2.20 Opening of Tenders

- 2.20.1 The Procuring entity will open all tenders in the presence of tenderers' representatives who choose to attend, **as per Tender notice** and as specified in the Invitation to Tender. The tenderers' representatives who are present shall sign a register evidencing their attendance.
- 2.20.2 The tenderers' names, tender modifications or withdrawals, tender prices, discounts and the presence or absence of requisite tender security and such other details as the Procuring entity, at its discretion, may consider appropriate, will be announced at the opening.
- 2.20.3 The Procuring entity will prepare minutes of the tender opening.

2.21 Clarification of Tenders

- 2.21.1 To assist in the examination, evaluation and comparison of tenders the Procuring entity may, at its discretion, ask the tenderer for a clarification of its tender. The request for clarification and the response shall be in writing, and no change in the prices or substance of the tender shall be sought, offered, or permitted.
- 2.21.2 Any effort by the tenderer to influence the Procuring entity in the Procuring entity's tender evaluation, tender comparison or contract award decisions may result in the rejection of the tenderers' tender.

2.22 Preliminary Examination

- 2.22.1 The Procuring entity will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether documents have been properly signed, and whether tenders are generally in order.
- 2.22.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is

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obtained by multiplying the unit price and quantify, the unit price shall prevail, and the total price shall be corrected. If the candidate does not accept the correction of the errors, its tender will be rejected, and its tender security forfeited. If there is a discrepancy between words and figures the amount in words will prevail

2.22.3 The Procuring entity may waive any minor informality or non-conformity or irregularity in a tender which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any tenderer.

2.22.4 Prior to the detailed evaluation, pursuant to paragraph 2.23 the Procuring entity will determine the substantial responsiveness of each tender to the tender documents. For purposes of these paragraphs, a substantially responsive tender is one, which conforms to all the terms and conditions of the tender documents without material deviations. The Procuring entity's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

2.22.5 If a tender is not substantially responsive, it will be rejected by the Procuring entity and may not subsequently be made responsive by the tenderer by correction of the non conformity.

2.23 Conversion to Single Currency

2.23.1 Where other currencies are used, the procuring entity will convert these currencies to Kenya Shillings using the selling exchange rate on the date of tender closing provided by the Central Bank of Kenya.

2.24 Evaluation and Comparison of Tenders

2.24.1 The Procuring entity will evaluate and compare the tenders which have been determined to be substantially responsive, pursuant to paragraph 2.22

2.24.2 The tender evaluation committee shall evaluate the tender within 30 days of the validity period from the date of opening the tender.

2.24.3 A tenderer who gives false information in the tender document about its qualification or who refuses to enter into a contract after notification of contract award shall be considered for debarment from participating in future public procurement.

2.25 Contacting the Procuring Entity

2.25.1 Subject to paragraph 2.21 no tenderer shall contact the Procuring Entity on any matter related to its tender, from the time of the tender opening to the time the contract is awarded.

2.25.2 Any effort by a tenderer to influence the Procuring Entity in its decisions on tender, evaluation, tender comparison, or contract award may result in the rejection of the Tenderer's tender.

2.26 Award of Contract

(a) Post-qualification

2.26.1 In the absence of pre-qualification, the Procuring entity will determine to its satisfaction whether the tenderer that is selected as having submitted the lowest evaluated responsive tender is qualified to perform the contract satisfactorily.

2.26.2 The determination will take into account the tenderer financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the tenderers qualifications submitted by the tenderer, pursuant to paragraph 2.12.3 as well as such other information as the Procuring entity deems necessary and appropriate.

2.26.3 An affirmative determination will be a prerequisite for award of the contract to the tenderer. A negative determination will result in rejection of the Tenderer's tender, in which event the Procuring entity will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer's capabilities to perform satisfactorily.

(b) Award Criteria

2.26.4 The Procuring entity will award the contract to the successful tenderer(s) whose tender has been determined to be substantially responsive and has been determined to be the lowest evaluated tender, provided further that the tenderer is determined to be qualified to perform the contract satisfactorily.

(c) Procuring Entity's Right to Vary Quantities

2.26.5 The Procuring entity reserves the right at the time of contract award to increase or decrease the quantity of goods originally specified in the Schedule of requirements without any change in unit price or other terms and conditions

(d) Procuring entity's Right to Accept or Reject any or All Tenders

2.26.6 The Procuring entity reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or tenderers of the grounds for the Procuring entity's action

2.27 Notification of Award

2.27.1 Prior to the expiration of the period of tender validity, the Procuring entity will notify the successful tenderer in writing that its tender has been accepted.

2.27.2 The notification of award will constitute the formation of the Contract but will have to wait until the contract is finally signed by both parties

2.27.3 Upon the successful Tenderer's furnishing of the performance security pursuant to paragraph 2.28, the Procuring entity will promptly notify each unsuccessful Tenderer and will discharge its tender security, pursuant to paragraph 2.14

2.28 Signing of Contract

2.28.1 At the same time as the Procuring entity notifies the successful tenderer that its tender has been accepted, the Procuring entity will send the tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.

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2.28.2 The parties to the contract shall have it signed within 30 days from the date of notification of contract award unless there is an administrative review request.

2.28.3 Within thirty (30) days of receipt of the Contract Form, the successful tenderer shall sign and date the contract and return it to the Procuring entity.

2.29 Performance Security

2.29.1 Within Thirty (30) days of the receipt of notification of award from the Procuring entity, the successful tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents, or in another form acceptable to the Procuring entity.

2.29.2 Failure of the successful tenderer to comply with the requirements of paragraph 2.27 or paragraph 2.28 shall constitute sufficient grounds for the annulment of the award and forfeiture of the tender security, in which event the Procuring entity may make the award to the next lowest evaluated Candidate or call for new tenders.

2.30 Corrupt or Fraudulent Practices

2.30.1 The Procuring entity requires that tenderers observe the highest standard of ethics during the procurement process and execution of contracts when used in the present regulations, the following terms are defined as follows;

- (i) “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
- (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring entity, and includes collusive practice among tenderer (prior to or after tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the Procuring entity of the benefits of free and open competition;

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2.30.2 The procuring entity will reject a proposal for award if it determines that the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

2.30.3 Further a tenderer who is found to have indulged in corrupt or fraudulent practices risks being debarred from participating in public procurement in Kenya.

2.31 Preference

2.31.1 Preference where allowed in evaluation of tenders shall not exceed 30%

Appendix to Instructions to Tenderers

The following information regarding the particulars of the tender shall complement/supplement or amend the provisions of the instructions to tenderers. Wherever there is a conflict between provisions of the instructions to tenderers and the provisions of the appendix, the provisions of the appendix herein shall prevail over those of the instructions to tenderers

<i>INSTRUCTIONS TO TENDERERS (ITT) REFERENCE</i>	<i>PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS</i>
<i>ITT-2.1.1</i>	<p><i>I. The name of the client is:- Ministry of Transport and Infrastructure, Housing and Urban Development, State Department Public Works , Supplies Branch</i></p> <p><i>I. The eligible firms are those capable of supplying BUILDING AND CONSTRUCTION ITEMS as provided in the Technical Specifications-Section V</i></p> <p><i>II. Location/Delivery Point(s):- All Government Ministries/Departments and Institutions.</i></p> <p><i>III. Contract period:- Two (2) years commencing on the date of signing of the contract</i></p>
<i>ITT-2.3.2</i>	<i>The cost of the tender documents is kshs.1, 000/= per set of documents.</i>
<i>ITT-2.10.2</i>	<i>Quantity to determine total tender price:-As and When Required basis</i>
<i>ITT-2.15</i>	<i>Tender validity period:-120 days from Tender Submission/Opening Date.</i>
<i>ITT-2.11.1</i>	<i>Prices quoted shall be in Kenyan Shillings.</i>
<i>ITT-2.16.</i>	<i>Submit Tender documents in Original and Copy and in the recommended format</i>
<i>ITT-2.18.</i>	<i>Submission deadline:-Not later than 13th September , 2016, 10.00 am and be deposited in the Tender Box situated at the ground floor, Supplies Branch, Lihoni Road, Industrial Area, Nairobi</i>
<i>ITT-2.20.1</i>	<i>Opening of Tenders:- 13th September , 2016 after 10.00 am</i>
<i>ITT-2.9.2</i>	<i>Quantity of goods:- This is a Term Contract to be used by all Public Procurement entities and orders will be placed as and when required basis (AWR).</i>

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<i>ITT-2.31</i>	<i>Performance security:-Will be kshs.150,000 only for each contract awarded</i>
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SECTION III: GENERAL CONDITIONS OF CONTRACT

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SECTION III - GENERAL CONDITIONS OF CONTRACT

3.1 Definitions

3.1.1 In this Contract, the following terms shall be interpreted as indicated:-

- (a) “The Contract” means the agreement entered into between the Procuring entity and the tenderer, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) “The Contract Price” means the price payable to the tenderer under the Contract for the full and proper performance of its contractual obligations
- (c) “The Goods” means all of the equipment, machinery, and/or other materials, which the tenderer is required to supply to the Procuring entity under the Contract.
- (d) “The Procuring entity” means the organization purchasing the Goods under this Contract.
- (e) “The Tenderer” means the individual or firm supplying the Goods under this Contract.

3.2 Application

3.2.1 These General Conditions shall apply in all Contracts made by the Procuring entity for the procurement installation and commissioning of equipment

3.3 Country of Origin

3.3.1 For purposes of this clause, “Origin” means the place where the Goods were mined, grown or produced.

3.3.2 The origin of Goods and Services is distinct from the nationality of the tenderer.

3.4 Standards local (KEBS) AND INTERNATIONAL

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3.5 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.

3.6 Use of Contract Documents and Information

3.6.1 The tenderer shall not, without the Procuring entity's prior written consent, disclose the Contract, or any provision therefore, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring entity in connection therewith, to any person other than a person employed by the tenderer in the performance of the Contract.

3.6.2 The tenderer shall not, without the Procuring entity's prior written consent, make use of any document or information enumerated in paragraph 3.5.1 above

3.6.3 Any document, other than the Contract itself, enumerated in paragraph 3.5.1 shall remain the property of the Procuring entity and shall be returned (all copies) to the Procuring entity on completion of the Tenderer's performance under the Contract if so required by the Procuring entity

3.7 Patent Rights

3.7.1 The tenderer shall indemnify the Procuring entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Procuring entity's country

3.8 Performance Security

3.8.1 Within thirty (30) days of receipt of the notification of Contract award, the successful tenderer shall furnish to the Procuring entity the performance security in the amount specified in Special Conditions of Contract.

3.8.2 The proceeds of the performance security shall be payable to the Procuring entity as compensation for any loss resulting from the Tenderer's failure to complete its obligations under the Contract.

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3.8.3 The performance security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Procuring entity and shall be in the form of a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in Kenya or abroad, acceptable to the Procuring entity, in the form provided in the tender documents.

3.8.4 The performance security will be discharged by the Procuring entity and returned to the Candidate not later than thirty (30) days following the date of completion of the Tenderer's performance obligations under the Contract, including any warranty obligations, under the Contract

3.9 Inspection and Tests

3.9.1 The Procuring entity or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications. The Procuring entity shall notify the tenderer in writing in a timely manner, of the identity of any representatives retained for these purposes.

3.9.2 The inspections and tests may be conducted in the premises of the tenderer or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the tenderer or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring entity.

3.9.3 Should any inspected or tested goods fail to conform to the Specifications, the Procuring entity may reject the equipment, and the tenderer shall either replace the rejected equipment or make alterations necessary to make specification requirements free of costs to the Procuring entity.

3.9.4 The Procuring entity's right to inspect, test and where necessary, reject the goods after the Goods' arrival shall in no way be limited or waived by reason of the equipment having previously been inspected, tested and passed by the Procuring entity or its representative prior to the equipment delivery.

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3.9.5 Nothing in paragraph 3.8 shall in any way release the tenderer from any warranty or other obligations under this Contract.

3.10 Packing

3.10.1 The tenderer shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract.

3.10.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract

3.11 Delivery and Documents

3.11.1 Delivery of the Goods shall be made by the tenderer in accordance with the terms specified by Procuring entity in its Schedule of Requirements and the Special Conditions of Contract

3.12 Insurance

3.12.1 The Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacturer or acquisition, transportation, storage, and delivery in the manner specified in the Special conditions of contract.

3.12 Payment

3.12.1 The method and conditions of payment to be made to the tenderer under this Contract shall be specified in Special Conditions of Contract

3.12.2 Payments shall be made promptly by the Procuring entity as specified in the contract

3.13 Prices

3.13.1 Prices charged by the tenderer for goods delivered and services performed under the Contract shall not, with the exception of any price adjustments authorized in Special Conditions of Contract, vary from the prices by the tenderer in its tender.

3.13.2 Contract price variations shall not be allowed for contracts not exceeding one year (12 months)

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3.13.3 Where contract price variation is allowed, the variation shall not exceed 10% of the original contract price.

3.13.4 Price variation request shall be processed by the procuring entity within 30 days of receiving the request

3.14. Assignment

3.14.1 The tenderer shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring entity's prior written consent.

3.15 Subcontracts.

3.15.1 The tenderer shall notify the Procuring entity in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in the original tender or later, shall not relieve the tenderer from any liability or obligation under the Contract

3.16 Termination for default

3.16.1 The Procuring entity may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the tenderer, terminate this Contract in whole or in part

- (a) if the tenderer fails to deliver any or all of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring entity
- (b) if the tenderer fails to perform any other obligation(s) under the Contract
- (c) if the tenderer, in the judgment of the Procuring entity has engaged in corrupt or fraudulent practices in competing for or in executing the Contract

3.16.2 In the event the Procuring entity terminates the Contract in whole or in part, it may procure, upon such terms and in such manner as it deems appropriate, equipment similar to those undelivered, and the tenderer shall be liable to the Procuring entity for any excess costs for such similar goods.

3.17 Liquidated Damages

3.17.1. If the tenderer fails to deliver any or all of the goods within the period(s) specified in the contract, the procuring entity shall, without prejudice to its other remedies under the contract, deduct from the contract prices liquidated damages sum equivalent to 0.5% of the delivered price of the delayed items up to a maximum deduction of 10% of the delayed goods. After this the tenderer may consider termination of the contract.

3.18 Resolution of Disputes

3.18.1 The procuring entity and the tenderer shall make every effort to resolve amicably by direct informal negotiation and disagreement or dispute arising between them under or in connection with the contract

3.18.2 If, after thirty (30) days from the commencement of such informal negotiations both parties have been unable to resolve amicably a contract dispute, either party may require adjudication in an agreed national or international forum, and/or international arbitration.

3.19 Language and Law

3.19.1 The language of the contract and the law governing the contract shall be English language and the Laws of Kenya respectively unless otherwise stated.

3.20 Force Majeure

3.20.1 The tenderer shall not be liable for forfeiture of its performance security or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

SECTION IV - SPECIAL CONDITIONS OF CONTRACT

- 4.0 Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, between the GCC and the SCC, the provisions of the SCC herein shall prevail over those in the GCC.
- 4.0 **Tenderers shall be required to provide evidence of financial stability. These should be in form of Audited Financial Statements and / or Bank Statements.** Failure to submit the evidence may render the tender non-responsive.
- 4.1 Tenderers shall be required to submit their offers in a set of two copies each one marked “ORIGINAL OFFER” and the other “COPY OF OFFER”. The original and copy shall be sealed in separate envelopes duly marked as “ORIGINAL” and “COPY”. In those Offers, the tenderer will also be required to park the **TECHNICAL DATA** and the **FINANCIAL DATA** separately from one another, so as to enable **Technical and Financial Evaluations** to be conducted independently. The envelopes shall then be sealed in one plain unmarked outer envelope bearing only the tender number **pursuant to clause 2.16 of the Instructions to Tenderers.**
- 4.2 **Delivery**
Delivery shall be on “as and when required” basis to Ministries / Departments & Institutions. (See clause 3.10. of the General Conditions of Contract)
- 4.3 **Payment**
This being a tender for the supply and delivery of **Expanded poly-styrene or structural and thermal insulated panels to** the government / Departments & Institutions for **a period of Two (2) years commencing from the date of Contract Signing**, respective Ministries / Departments & Institutions shall pay directly to the contractor on receipt of goods ordered, which in any case shall be within 30 days of receipt. . (See clause 3.12 of the General Conditions of Contract)
- 4.4 Goods supplied against the contract proceeding from this procurement shall be fully insured against loss, damage incidental to manufacture or acquisition, transportation, storage and delivery to the tune of 110% of the contract value and the procuring entity will not be liable for any damage or loss prior to delivery (See clause 3.11 of the General Conditions of Contract).
- 4.5 Prices quoted **SHALL BE IN KENYA SHILLINGS** and should include all costs of shipment and handling until the goods are actually received at the respective Procuring Entity’s premises.
- 4.6 A market Survey will be undertaken by the procuring entity to ascertain the veracity of prices quoted for items recommended for award against the prevailing competitive market prices.
- 4.7 **TENDERERS ARE REQUIRED TO ENSURE THAT ALL PAGES OF THEIR TENDER DOCUMENTS ARE PROPERLY SERIALIZED AND**

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STAMPED / SIGNED AND THE DOCUMENT SHOULD BE PROPERLY BOUND. LOOSE TENDER DOCUMENTS WILL BE DECLARED NON RESPONSIVE.

- 4.8 Blacklisted, debarred and suspended firms are not eligible for this procurement.
- 4.9 A copy of the official receipt issued by the procuring entity for the purchase of the tender documents must be attached as proof of Tender purchase.
- 4.10 **TENDERERS ARE ADVISED TO QUOTE THEIR BID PRICES IN THE ORIGINAL PRICE SCHEDULE PROVIDED IN THIS TENDER DOCUMENT. INTRODUCTION OF A PRICE SCHEDULE DIFFERENT FROM THE ONE PROVIDED IN THIS DOCUMENT IN SECTION (VI) WILL LEAD TO DISQUALIFICATION.**

Special conditions of contract as relates to the GCC

REFERENCE OF GCC	SPECIAL CONDITIONS OF CONTRACT
3.7.1 Performance security	<i>This shall be Kshs. 150,000.00 (Kenya Shillings One Hundred and Fifty only.</i>
3.10.1 Delivery of goods	<i>The delivery period for the goods shall be within a period of 30 days and not exceeding 45 days on placing an LPO unless specifically indicated by the respective procuring entity.</i>
3.12.1 Terms of payment	<i>Payment shall be made within a period of 30 days after full delivery of goods as prescribed in the LPO.</i>
3.13.1 Prices	<i>The prices offered shall be fixed for the period stated in the Tender Invitation.</i>
3.13.1 Market Survey	<i>Award of contract will be subject to a market survey to ascertain the veracity of bid prices.</i>
2.25.1 Preference	<i>Preference-: 30% preference will be given to tenders submitted by Business Enterprises owned by Youth, Women and Persons with Disabilities.</i>

SECTION V - PRICE SCHEDULE FOR GOODS

Name of tenderer _____ Tender Number _____
Page _____ of _____

Signature of tenderer _____

Note: In case of discrepancy between unit price and total, the unit price shall prevail

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EVALUATION CRITERIA

REFERENCES	
2.26.1	Lowest evaluated price
2.26.2	Financial, technical and delivery capability
	Statutory mandatory requirement
	Past performance experience
	Manufacturers authorization
	Standardization marks
	Labour law requirements for staff

AWARD CRITERIA

Lowest quoted price	40%
Financial, technical and delivery capability	20%
Statutory mandatory requirement	10%
Past performance experience	5%
Manufacturers authority	5%
Standardization marks	10%
Labour law requirements for staff	10%

Standard Specifications for Expanded Poly-Styrene Panels or structural and thermal insulated panels

August 2016

SCOPE

This Kenyan Standard specifies the requirements for factory made products of expanded polystyrene, with or without facings or coatings, which are used for the structural/nonstructural and thermal insulation of buildings. The products are manufactured in the form of boards or rolls or other preformed ware.

The standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Products covered by this standard are also used for sound insulation and in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. The standard does not specify the required class or level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The classes and levels required for a given application are to be found in regulations or non-conflicting standards.

Products with a declared thermal resistance lower than 0,25 m²·K/W or a declared thermal conductivity at 10 °C greater than 0,060 W/(m·K) are not covered by this standard.

TERMS AND DEFINITIONS

Expanded polystyrene (EPS)

Rigid cellular plastic material, manufactured by molding beads of expandable polystyrene or one of its copolymers, with an air filled closed cellular structure which is divided into four types related to the intended use:

- a) EPS I: for load bearing applications, where i stands for the declared value (expressed in compressive stress at 10 % deformation)
- b) EPS S: for non-load bearing applications
- c) EPS SD: for non-load bearing applications with acoustic properties
- d) EPS T: for floating floor applications

Expanded polystyrene block

rigid insulation product or material generally of rectangular cross section and with a thickness not significantly smaller than the width Blocks are supplied trimmed or untrimmed.

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Expanded polystyrene board

Rigid insulation product (cut, molded, or continuously foamed) of rectangular shape and cross-section in which the thickness is significantly smaller than the other dimensions

Boards may be of uniform thickness or tapered. The board edges may be of various sorts (e.g. square, half lapped, tongue and groove).

Expanded polystyrene roll

Boards or strips bonded to a flexible facing, supplied in a wound or folded form, which form a continuous insulation layer when unrolled

1. Polystyrene requirements

1.1. General

Product properties shall be assessed in accordance with clause 1. To comply with this standard, products shall meet the requirements of 1.2, and the requirements of 1.3 as appropriate.

One test result for a product property is the average of the measured values on the number of test specimens given in Table 13. Wherever limit values are used, they shall represent the value achieved by at least 90 % of the production with a confidence level of 90 %.

For mechanical properties no single measured value within the consecutive group used for obtaining the test result shall be more than 10 % lower than the limit value defining the level. For non-mechanical properties a deviation from the limit value may be required and where appropriate these are expressed in the text

1.2. For all applications

1.2.1. Thermal resistance and thermal conductivity

Thermal resistance and thermal conductivity shall be based upon measurements carried out in accordance with EN 12667 or EN 12939 for thick products.

The thermal resistance and the thermal conductivity shall be determined in accordance with annex A and declared by the manufacturer according to the following:

- ✓ the reference mean temperature shall be 10 °C;
- ✓ the measured values shall be expressed with three significant figures;
NOTE Zeros on the left hand side are not counted as significant figures.
- ✓ The thermal resistance, R_D , shall always be declared. The thermal conductivity, λ_D , shall be declared where possible;
- ✓ the declared thermal resistance, R_D , and the declared thermal conductivity, λ_D , shall be given as limit values representing at least 90 % of the production, determined with a confidence level of 90 %;

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- ✓ the value of thermal conductivity, $\lambda_{90/90}$, shall be rounded upwards to the nearest 0,001 W/(m·K) and declared as λ_D in levels with steps of 0,001 W/(m·K);
- ✓ The declared thermal resistance, RD , shall be calculated from the nominal thickness, d_N , and the corresponding thermal conductivity, $\lambda_{90/90}$, unless measured directly. For products for which compressibility is measured (see 5.1.1)) the R_D shall be calculated using d_L instead of d_N . For the calculation of the declared thermal conductivity, λ_D , related to the corresponding nominal thickness, factors for the thickness effect conversions are given in annex B;
- ✓ the value of thermal resistance, $R_{90/90}$, when calculated from the nominal thickness, d_N , and the corresponding thermal conductivity, $R_{90/90}$, shall be rounded downwards to the nearest 0,05 m²·K/W, and declared as RD in levels with steps of 0,05 m²·K/W;
- ✓ the value of $R_{90/90}$, for those products for which only the thermal resistance is measured directly, shall be rounded downwards to the nearest 0,05 m²·K/W, and declared as R_D in levels with steps of 0,05 m²·K/W

1.2.2. Length and width

Length, l , and width, b , shall be determined in accordance with EN 822. No test result shall deviate from the nominal values by more than the tolerances given in Table 2 for the declared class.

1.2.3. Thickness

Thickness, d , shall be determined in accordance with EN 823. No test result shall deviate from the nominal thickness, d_N , by more than the tolerances given in Table 2, for the declared class

1.2.4. Squareness

Squareness shall be determined in accordance with EN 824. The deviation from squareness on length and width, S_b , shall not exceed the tolerances given in Table 2, for the declared class.

1.2.5. Flatness

Flatness shall be determined in accordance with EN 825. The maximum deviation from flatness, S_{max} , shall not exceed the tolerances given in Table 2 for the declared class. This test shall not be performed when the tests described in 4.3.13 are used.

Table 2 — Classes of dimensional tolerances

Property	Class	Tolerances	
		Boards	Rolls
Length	L1	±0,6 % or ±3 mm ^a	-1 %

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	L2	±2 mm	+ unrestricted
Width	W1	±0,6 % or ±3 mm ^a	±0,6 % or ±3 mm ^a
	W2	±2 mm	
Thickness	T1	±2 mm	
	T2	±1 mm	
Squareness	S1	±2 mm / 1 000 mm	
	S2	±5 mm / 1 000 mm	
Flatness	P1	±30 mm	
	P2	±15 mm	
	P3	±10 mm	
	P4	±5 mm	
^a Whichever gives the greatest numerical tolerance.			
^b Further classes see 4.3.13.1.			
^c Flatness is expressed per metres run.			

1.2.6. Dimensional stability

1.2.6.1.

Dimensional stability under constant normal laboratory conditions

The relative changes in length, $\Delta \epsilon_1$, and width, $\Delta \epsilon_b$, shall not exceed the values given in Table 3 for the declared laboratory conditions (23 °C, 50 % relative humidity) shall be determined in accordance with EN 1603. class.

Table 3 — Classes of dimensional stability under constant normal laboratory conditions

Class	Requirement %
DS(N) 5	±0,5 mm
DS(N) 2	±0,2 mm

1.2.6.2.

Dimensional stability under specified temperature and humidity conditions

Dimensional stability under specified temperature and humidity conditions shall be determined in accordance with EN 1604. The test shall be carried out after storage for 48 h at (23 ± 2) °C and (90 ± 5) % relative humidity.

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The relative changes in length, $\Delta \epsilon_l$, width, $\Delta \epsilon_b$, and thickness, $\Delta \epsilon_d$, shall not exceed 1 %. The test shall not be performed when the more severe test, described in 4.3.2, is used for a product in a specific application.

1.2.7. Bending strength

Bending strength, σ_b , shall be determined in accordance with EN 12089. For handling purposes, products shall have a minimum level of bending strength of 50 kPa.

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Summary of loading in EPS Panels

CHARACTERISTIC	Requirement at various nominal Apparent density N/m ³					
	10	15	20	25	30	35
Compressive strength at 10 percent deformation, in N/m ² <i>Min</i>	5	7	9	11	14	17
Cross-breaking strength, kg/cm%, <i>Min</i>	12	14	16	18	22	26
Water vapour permeance, in g/ma.24 h, <i>Max</i>	60	50	40	30	20	10
Thermal stability, percent, <i>Max</i>	1	1	1	1	1	1
Moisture absorption, percent	2	2	1	1	1	1

1.2.8. Reaction to fire

Reaction to fire classification (Euroclasses) shall be determined in accordance with EN 13501-1:2007 + A1:2009.

1.3. General

1.3.1. If there is no requirement for a property described in 4.3 for a product in use, then the property does not need to be determined and declared by the manufacturer.

1.3.2. Dimensional stability under specified temperature and humidity conditions

Dimensional stability under specified temperature and humidity conditions shall be determined in accordance with EN 1604. The test shall be carried out for the conditions given in Table 4. The relative changes in length, $\Delta \epsilon_l$, width, $\Delta \epsilon_b$, and thickness, $\Delta \epsilon_d$, shall not exceed the values given in Table 4 for the declared level.

Table 4 – Levels of dimensional stability under specified temperature and humidity conditions

Level	Condition	Requirement %
DS(70,-)1	48 h,70 ° C	1
DS(70,-)2	48 h,70 ° C	2
DS(70,-)3	48 h,70 ° C	3

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DS(70,90)1	48 h, 70 ° C, 90%	1
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1.3.3. Deformation under specified compressive load and temperature conditions

Deformation under specified compressive load and temperature conditions shall be determined in accordance with EN 1605. For each test condition the difference between the relative deformation, ϵ_1 , after step A and ϵ_2 , after step B as described in EN 1605 shall not exceed the values given in Table 5 for the declared level.

Table 5 — Levels of deformation under specified compressive load and temperature conditions

Level	Condition	Requirement %
DLT(1)5	Load: 20 kPa Temperature (80± 1)° C Time:(48 ± 1) h	≤ 5
DLT(2)5	Load: 40 kPa Temperature (70± 1)° C Time:(168 ± 1) h	≤ 5
DLT(3)5	Load: 80 kPa Temperature (60± 1)° C Time:(168 ± 1) h	≤ 5

1.3.4. Compressive stress at 10 % deformation

Compressive stress at 10 % deformation, σ_{10} , shall be determined in accordance with EN 826. No test result shall be less than the value given in Table 6 for the declared level.

NOTE The compressive stress at 10 % deformation is not a design value.

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Table 6 — Levels for compressive stress at 10 % deformation

Level	Requirements kPa
CS (10)30	≥ 30
CS (10)50	≥ 50
CS (10)60	≥ 60
CS (10)70	≥ 70
CS (10)80	≥ 80
CS (10)90	≥ 90
CS (10)100	≥ 100
CS (10)120	≥ 120
CS (10)150	≥ 150
CS (10)200	≥ 200
CS (10)250	≥ 250
CS (10)300	≥ 300
CS (10)350	≥ 350
CS (10)400	≥ 400
CS (10)500	≥ 500

Products for which compressive stress is claimed shall satisfy the bending strength requirements given in Table C.1 (for handling purposes).

1.3.5. Tensile strength perpendicular to faces

Tensile strength perpendicular to faces, σ_{mt} , shall be determined in accordance with EN 1607. No test result shall be less than the value given in Table 6, for the declared level.

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Table 7 – Levels for tensile strength perpendicular to faces

Level	Requirement kPa
TR 20	≥20
TR 50	≥50
TR 80	≥80
TR 100	≥100
TR 150	≥150
TR 200	≥200
TR 400	≥400

1.3.6. Bending strength

Bending strength, σ_b , shall be determined in accordance with EN 12089. No test result shall be less than the value given in Table 8 for the declared level.

Table 7 – levels of bending strength

Level	Requirement kPa
BS50	≥50
BS75	≥75
BS100	≥100
BS115	≥115
BS125	≥125
BS135	≥135
BS150	≥150
BS170	≥170
BS200	≥200
BS250	≥250

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BS350	≥350
BS450	≥450
BS525	≥525
BS600	≥600
BS750	≥750

Comment [K1]:
 Comment [K2]:

1.3.7. Point load

For EPS products the effects of foot traffic shall be assessed by means of determination of compressive stress at 10 % deformation in accordance with EN 826, see 4.3.4.

1.3.8. Compressive creep

Compressive creep, ϵ_{ct} , and the total thickness reduction, ϵ_t , shall be determined after at least one hundred twenty two days of testing at a declared compressive stress, σ_c , given in steps of at least 1 kPa, and the results extrapolated thirty times to obtain the declared levels in accordance with EN 1606. Compressive creep shall be declared in levels, i_2 , and the total thickness reduction shall be declared in levels, i_1 , with steps of 0, 5 % at the declared stress. No test result shall exceed the declared levels at the declared stress.

NOTE 1 Examples for declaration of levels for compressive creep.

Level	Test time t days	Extrapolation time years	Declared stress kPa	Requirement %
CC($i_2/i_2/10$) $\hat{\sigma}_c$	122	10	$\hat{\sigma}_c$	i_1 i
CC($i_2/i_2/10$) $\hat{\sigma}_c$	304	25	$\hat{\sigma}_c$	and
CC($i_2/i_2/10$) $\hat{\sigma}_c$	608	50	$\hat{\sigma}_c$	i_2 i

NOTE 2 Referring to the designation code CC($i_2/i_2/10$)/ $\hat{\sigma}_c$, according to clause 6, a declared level CC($i_2/i_2/50$)/100, for example, indicates a value not exceeding 2 % for compressive creep and 2,5 % for total thickness reduction after extrapolation at 50 years (i. e. 30 x 608) under a declared stress of 100 kPa.

1.3.9. Water absorption

1.3.9.1. Long term water absorption by immersion

Long term water absorption by immersion shall be determined in accordance with EN 12087. No test result of the water absorption by total immersion, W_{lt} , shall exceed the value given in Table 9 for the declared level.

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No test result of water absorption by partial immersion, W_{ip} , shall exceed 0,5 kg/m².

Table 9 — Levels for long term water absorption by total immersion

Level	Requirement
	%
WL(T)5	5,0
WL(T)3	3,0
WL(T)2	2,0
WL(T)1	1,0

1.3.9.2. Long term water absorption by diffusion

Long term water absorption by diffusion shall be determined in accordance with EN 12088. No test result of the water absorption, W_{dv} , shall exceed the value given in Table 10, for the declared level.

Table 10 — Levels for long term water absorption by diffusion

Level	Requirement
	%
WD(V) 15	≤ 15
WD(V) 10	≤ 10
WD(V) 5	≤ 5
WD(V) 3	≤ 3

NOTE: The long term water absorption by diffusion is not only used as an accelerated test but can also be used for classification.

1.3.10. Freeze-thaw resistance

Freeze-thaw resistance shall be determined in accordance with EN 12091 using samples prepared by total immersion in accordance with EN 12087. The reduction of compressive stress at 10 % deformation, f_{10} , shall be less than 10 % after 300 freeze-thaw cycles.

1.3.11. Water vapour transmission

Water vapour transmission properties shall be determined in accordance with EN 12086 and declared as the water vapour diffusion resistance factor, μ , for

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homogeneous products and as the water vapour resistance, μ , for faced products. No test result of μ shall be greater than the declared value and no test result of μ shall be less than the declared value.

In the absence of measurement data, the water vapour diffusion resistance factor, μ , of EPS products may be chosen from Table D.2.

1.3.12. Dynamic stiffness

Dynamic stiffness, s , shall be determined in accordance with EN 29052-1, without preloading. No test result shall exceed the value given in Table 11, for the declared level.

Table 11 — Levels for dynamic stiffness

Level	Requirement MN/m ³
SD50	≤ 50
SD40	≤ 40
SD30	≤ 30
SD20	≤ 20
SD15	≤ 15
SD10	≤ 10
SD7	≤ 7
SD5	≤ 5

For products in level CP2 (see 4.3.13.3), if the imposed load exceeds 5, 0 kPa, the dynamic stiffness, s' , shall be determined under the imposed load plus the self-weight of the screed.

1.3.13. Compressibility

1.3.13.1. Thickness, d_L

The thickness, d_L , shall be determined in accordance with EN 12431 under a load of 250 Pa. No test result shall deviate from the declared thickness, d_L , by more than the tolerances given in Table 12 for the labeled class.

Table 12 — Classes for thickness tolerances

Class	Tolerances	
T3	-5 % or -1 mm ^a	+15 % or +3 mm ^a
T4	0	+10 % or +2 mm for $d_L < 35$ mm ^a

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		+15 % or +3 mm for $d_L \geq 35$ mm *
* Whichever gives the greatest numerical tolerance.		

NOTE The declared value of d_L should preferably be indicated in steps of 5 mm, the smallest value of d_L being 15 mm.

1.3.13.2. Thickness, d_B

The thickness, d_B , shall be determined in accordance with EN 12431 with a pause of 300 s before measuring d_B .

1.3.13.3. Compressibility, c

Compressibility, c , shall be determined as the difference between d_L and d_B . No test result shall exceed the values given in Table 3 for the declared level.

Table 13 — Levels for compressibility

Level	Imposed load on the screed kPa	Requirement mm	Tolerance mm
CP5	2,0	≤ 5	2 for $d_L < 35$
CP4	3,0	≤ 4	3 for $d_L \geq 35$
CP3	4,0	≤ 3	
CP2	5,0	≤ 2	1 for $d_L < 35$ 2 for $d_L \geq 35$

NOTE The levels of the imposed load on the screed are taken from ENV 1991-2-1, Eurocode 1 — Basis of design and actions on structures — Part 2.1: Actions on structures — Densities, self-weight and imposed loads.

1.3.13.4. Long term thickness reduction

If the imposed load on the screed exceeds 5 kPa only products having a declared level of compressibility of CP2 may be used and their long term thickness reduction shall be determined.

The total thickness reduction, $X_t = X_0 + X_{ct}$, shall be determined after one hundred and twenty two days of testing at the imposed load plus the self-weight of the screed, in accordance with EN 1606 and extrapolated thirty times, corresponding to ten years. The ten years value shall not exceed the declared level of compressibility c (see 4.3.13).

1.3.14. Apparent density

Apparent density, ρ_a , shall be determined in accordance with EN 1602 when it is needed for indirect testing.

SECTION VIII- STANDARD FORMS

Notes on the sample Forms

1. Form of Tender - The form of tender must be completed by the tenderer and submitted with the tender documents. It must also be duly signed by duly authorized representatives of the tenderer.
2. Confidential Business Questionnaire Form - This form must be completed by the tenderer and submitted with the tender documents.
3. Tender Security Form - When required by the tender documents the tender shall provide the tender security either in the form included herein or in another format acceptable to the procuring entity.
4. Contract Form -The Contract Form shall not be completed by the tenderer at the time of submitting the tender. The Contract Form shall be completed after contract award and should incorporate the accepted contract price.
5. Performance Security Form -The performance security form should not be completed by the tenderers at the time of tender preparation. Only the successful tenderer will be required to provide performance security in the form provided herein or in another form acceptable to the procuring entity.
6. Manufacturers Authorization Form -When required by the tender documents this form must be completed and submitted with the tender documents. This form will be completed by the manufacturer of the goods where the tenderer is an agent.

8.1 **FORM OF TENDER**

Date _____
Tender No. _____

To: _____

[name and address of procuring entity]

Gentlemen and/or Ladies:

1. Having examined the tender documents including Addenda Nos. *[insert numbers]*.the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply deliver, install and commission (..... *(insert equipment description)* in conformity with the said tender documents for the sum of *(total tender amount in words and figures)* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Tender.

2. We undertake, if our Tender is accepted, to deliver install and commission the equipment in accordance with the delivery schedule specified in the Schedule of Requirements.

3. If our Tender is accepted, we will obtain the guarantee of a bank in a sum of equivalent to-----
----- percent of the Contract Price for the due performance of the Contract , in the form prescribed by
.....(*Procuring entity*).

4. We agree to abide by this Tender for a period of *[150]* days from the date fixed for tender opening of the Instructions to tenderers, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. This Tender, together with your written acceptance thereof and your notification of award, shall constitute a Contract, between us. Subject to signing of the Contract by the parties.

6. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____ 20 _____

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_____ [signature]

_____ [in the capacity of]

Duly authorized to sign tender for an on behalf of _____

8.2 CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

You are requested to give the particulars indicated in Part 1 and either Part 2(a), 2(b) or 2 (c) whichever applied to your type of business
 You are advised that it is a serious offence to give false information on this form

Part 1 – General:

Business Name

Location of business premises.

Plot No..... Street/Road

Postal Address Tel No. Fax E mail

Nature of Business

Registration Certificate No.

Maximum value of business which you can handle at any one time – Kshs.

Name of your bankers Branch

Part 2 (a) – Sole Proprietor			
Your name in full	Age		
Nationality	Country of origin		
	<ul style="list-style-type: none"> • Citizenship details 		
Part 2 (b) Partnership			
Given details of partners as follows:			
Name	Nationality	Citizenship Details	Shares
1. ....	.....	.....	.....
2. ....	.....	.....	.....
3. ....	.....	.....	.....
4. ....	.....	.....	.....
Part 2 (c) – Registered Company			
Private or Public			
State the nominal and issued capital of company-			
Nominal Kshs.			
Issued Kshs.			
Given details of all directors as follows			
Name	Nationality	Citizenship Details	Shares
1.....
2.....
3.....

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	4.
	5.
Date	Signature of Candidate

- If a Kenya Citizen, indicate under “Citizenship Details” whether by Birth, Naturalization or registration.

8.3 TENDER SECURITY FORM

Whereas [name of the tenderer] (hereinafter called “the tenderer”) has submitted its tender dated [date of submission of tender] for the supply, installation and commissioning of [name and/or description of the equipment] (hereinafter called “the Tender”) KNOW ALL PEOPLE by these presents that WE of having our registered office at (hereinafter called “the Bank”), are bound unto [name of Procuring entity] (hereinafter called “the Procuring entity”) in the sum of for which payment well and truly to be made to the said Procuring entity, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20 _____.

THE CONDITIONS of this obligation are:-

1. If the tenderer withdraws its Tender during the period of tender validity specified by the tenderer on the Tender Form; or
2. If the tenderer, having been notified of the acceptance of its Tender by the Procuring entity during the period of tender validity:
 - (a) fails or refuses to execute the Contract Form, if required; or
 - (b) fails or refuses to furnish the performance security in accordance with the Instructions to tenderers;

We undertake to pay to the Procuring entity up to the above amount upon receipt of its first written demand, without the Procuring entity having to substantiate its demand, provided that in its demand the Procuring entity will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This tender guarantee will remain in force up to and including thirty (30) days after the period of tender validity, and any demand in respect thereof should reach the Bank not later than the above date.

[signature of the bank] _____
(Amend accordingly if provided by Insurance Company)

8.4 CONTRACT FORM

THIS AGREEMENT made the _____ day of _____ 20 _____ between [*name of Procurement entity*] of [*country of Procurement entity*] (hereinafter called “the Procuring entity) of the one part and [*name of tenderer*] of [*city and country of tenderer*] (hereinafter called “the tenderer”) of the other part;

WHEREAS the Procuring entity invited tenders for certain goods] and has accepted a tender by the tenderer for the supply of those goods in the sum of [*contract price in words and figures*] (hereinafter called “the Contract Price).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to:
2. The following documents shall be deemed to form and be read and construed as part of this Agreement viz:
 - (a) the Tender Form and the Price Schedule submitted by the tenderer
 - (b) the Schedule of Requirements
 - (c) the Technical Specifications
 - (d) the General Conditions of Contract
 - (e) the Special Conditions of contract; and
 - (f) the Procuring entity’s Notification of Award
3. In consideration of the payments to be made by the Procuring entity to the tenderer as hereinafter mentioned, the tender hereby covenants with the Procuring entity to provide the goods and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The Procuring entity hereby covenants to pay the tenderer in consideration of the provisions of the goods and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by _____ the _____ (for the Procuring entity

Signed, sealed, delivered by _____ the _____ (for the tenderer in the presence of _____

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(Amend accordingly if provided by Insurance Company)

8.7 MANUFACTURER’S AUTHORIZATION FORM

To *[name of the Procuring entity]*

WHEREAS*[name of the manufacturer]* who are established and reputable manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Agent]* to submit a tender, and subsequently negotiate and sign the Contract with you against tender No. *[reference of the Tender]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Tenders.

[signature for and on behalf of manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent.

8.8 LETTER OF NOTIFICATION OF AWARD

Address of Procuring Entity

To: _____

RE: Tender No. _____

Tender Name _____

This is to notify that the contract/s stated below under the above mentioned tender have been awarded to you.

1. Please acknowledge receipt of this letter of notification signifying your acceptance.
2. The contract/contracts shall be signed by the parties within 30 days of the date of this letter but not earlier than 14 days from the date of the letter.
3. You may contact the officer(s) whose particulars appear below on the subject matter of this letter of notification of award.

(FULL PARTICULARS) _____

SIGNED FOR ACCOUNTING OFFICER