

REQUEST FOR QUOTATIONS FOR CONSTRUCTION WORKS

Rehabilitation of Education Centers in Buca, Izmir

IOM Turkey



IOM International Organization for Migration
IOM Uluslararası Göç Örgütü

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11 January 2022



IOM International Organization for Migration
OIM Organisation Internationale pour les Migrations
OIM Organización Internacional para las Migraciones

IOM Mission in Turkey, Izmir Sub Office
Akdeniz Mahallesi, Şehit Fethi Bey Cad. No:55 Kat:19, No:191, Konak, Izmir, Turkey

REQUEST FOR QUOTATIONS (RFQ) AND GENERAL INSTRUCTION TO CONSTRUCTION CONTRACTORS

The International Organization for Migration (**IOM**) is an intergovernmental organization, a part of the United Nations system, established in 1951 and is committed to the principle that humane and orderly migration benefits both migrants and society.

In the framework of IOM Turkey's programs, the IOM invites interested eligible Construction Contractors to submit Quotations for the required Construction Works as per this RFQ.

This RFQ includes Instructions to Construction Contractors, Technical Specifications and administrative requirements that Construction Contractors will need to follow in order to prepare and submit their quotations for consideration by IOM.

The Quotations must be submitted by e-mail to Procurement Izmir at iomturkeytenders@iom.int with a subject of **TD-IZM-2022-0017** no later than 3:00 P:M on Friday the 21st of January 2022. No late Quotation shall be accepted.

Quotations submitted after the above deadline will not be considered. IOM reserves the right to accept or reject the whole or part of any or all the Quotations based on the fulfilment of the provisions as described in the General Instruction to Construction Contractors.

Construction Contractors which do not receive notification before the 28th of January 2022 can consider their Quotations unsuccessful.

IOM reserves the right to cancel the procurement process and reject all Quotations at any time prior to award of a Purchase Order or Contract, without thereby incurring any liability to the affected Construction Contractors or any obligation to inform the affected Construction Contractors of the ground for IOM's action.

Please contact Mr Arda TARHAN at procsupportizm@iom.int for any technical inquiries.

Very truly yours,

Procurement & Logistics Unit
IOM Izmir

IOM is encouraging companies to use recycled materials or materials coming from sustainable resources or produced using a technology that has lower ecological footprints.

GENERAL INSTRUCTION TO CONSTRUCTION CONTRACTORS

1. Description of Goods

- 1.1 IOM requests prospective Contractors to submit quotations for the Rehabilitation of Education centers in Buca, Izmir see Annex B.
- 1.2 Only eligible and accredited Contractors may submit quotations. The quotation shall be the basis for contract negotiations and ultimately for a signed contract with the successful Contractor.
- 1.3 Contractors shall not be hired for any assignment that would be in conflict with their prior or current obligations to other procuring entities, or that may place them in a position of not being able to carry out the assignment in the best interest of the IOM.
- 1.4 IOM is not bound to accept any quotation and reserves the right to annul the selection process at any time prior to contract award, without thereby incurring any liability to the Contractors.

2. Corrupt, Fraudulent, and Coercive Practices

- 2.1 IOM requires that all IOM Staff, manufacturers, suppliers or distributors, observe the highest standard of ethics during the procurement and execution of all contracts. IOM shall reject any quotation put forward by Contractors, or where applicable, terminate their contract, if it is determined that they have engaged in corrupt, fraudulent, collusive or coercive practices. In pursuance of this policy, IOM defines for purposes of this paragraph the terms set forth below as follows:
 - 2.1.1 Corrupt practice means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the action of the Procuring/Contracting Entity in the procurement process or in contract execution.
 - 2.1.2 Fraudulent practice is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, the Procuring/Contracting Entity in the procurement process or the execution of a contract, to obtain a financial gain or other benefit to avoid an obligation.
 - 2.1.3 Collusive practice is an undisclosed arrangement between two or more Contractors designed to artificially alter the results of the tender procedure to obtain a financial gain or other benefit.
 - 2.1.4 Coercive practice is impairing or harming, or threatening to impair or harm, directly or indirectly, any participant in the tender process to influence improperly its activities in a procurement process or affect the execution of a contract.

3. Conflict of Interest

- 3.1 All Contractors found to have conflicting interests shall be disqualified to participate in the procurement at hand. A Contractor may be considered to have conflicting interest under any of the circumstances set forth below:
 - 3.1.1 A Contractor has controlling shareholders in common with another Contractor.
 - 3.1.2 A Contractor receives or has received any direct or indirect subsidy from another Contractor.
 - 3.1.3 A Contractor has the same representative as that of another Contractor for purposes of this Quotation.
 - 3.1.4 A Contractor has a relationship, directly or through third parties, that puts them in a position to have access to information about or influence on the Quotation of another or influence the decisions of the Mission/Procuring Entity regarding this Quotation process.
 - 3.1.5 A Contractor submits more than one Quotation in this Quotation process.
 - 3.1.6 A Contractor who participated as a consultant in the preparation, or the design, of the technical specifications of the Goods, or the Terms of Reference of the Works, that are linked or subject to this Quotation process.

4. Eligible Contractors

- 4.1 Only Contractors that are determined to be qualified shall be considered for award. In order to establish their eligibility, together with the Quotation, the Contractor shall submit the documents as specified below in para 9.1.2.1.

5. Clarifications and Amendments to RFQ Documents

- 5.1 At any time before the submission of the quotations, IOM may amend the RFQ. Any amendment made will be made available in writing to all Contractors.
- 5.2 Contractors may request for clarification(s) on any part of the RFQ. The request must be sent in writing to IOM at the following email address:

Attn: Mr. Arda TARHAN

Email: Procurement Izmir procsupportizm@iom.int

Mob: +90 532 786 5507

- 5.3 IOM will respond to any request for clarification received on or before the 19th of January 2022 by 5:00 P.M Copies of the response including description of the clarification will be given to all the Contractors who received this General Instruction, without identifying the source of the inquiry.

6. Errors, omissions, inaccuracies and clarifications

- 6.1 The documents and forms requested for the purpose of soliciting Quotations shall form part of the Contract; hence care should be taken in completing these documents.
- 6.2 Contractors shall not be entitled to base any claims on errors, omissions, or inaccuracies made in the Quotation Documents.

7. Confidentiality and Non-Disclosure

- 7.1 All information given in writing to or verbally shared with the Contractor in connection with this General Instruction is to be treated as strictly confidential. The Contractor shall not share or invoke such information to any third party without the prior written approval of IOM. This obligation shall continue after the procurement process has been completed whether or not the Contractor is successful.

8. IOM's Right to accept any Quotation and to reject any and all Quotations

- 8.1 IOM reserves the right to accept or reject any Quotation, and to cancel the procurement process and reject all Quotations, at any time prior to award of a Purchase Order or Contract, without thereby incurring any liability to the affected Contractors or any obligation to inform the affected Contractors of the ground for IOM's action.

9. Requirements

9.1 Quotation Documents

The following shall constitute the Quotation Documents to be submitted by the Contractors:

- 9.1.1 Quotation Form (see Annex A).

- 9.1.2 Technical Quotation:

The Technical Quotation shall be in a separate document, provides the following information using the Contractor's preferred template:

9.1.2.1 Administrative Documents:

- i. Registration documents.
- ii. Taxation cards.
- iii. Any other valid legal documents.

9.1.2.2 A brief description of the Contractor's profile and past performance/experience of the same type of the requested activity.

- i. Company Information:
 - a. Corporate Information:
 - i. Company mission statement (*including profit or not for profit status*)
 - ii. Service commitment to customers and measurements used.
 - iii. Accreditation.
 - iv. Organization structure.
 - v. Geographical presence.
 - vi. Declared financial statements for the past (3) three years.
 - b. Legal Information:
 - i. History of Bankruptcy. (if any)
 - ii. Pending major lawsuits and litigations. (if any)
 - iii. Pending Criminal/Civil lawsuits. (if any)
- ii. Experience and Reference Contact Information (project names, description, status, reason for relevance, roles and responsibilities):
 - a. Relevant Contractual projects (UN Agencies).
 - b. Relevant Contractual projects (EU Agencies).
 - c. Relevant Contractual projects (Others).

9.1.2.3 Organization and Methodology:

- i. Rationale:
 - a. Background Information.
 - b. Project Objectives and Expected Results.
 - c. Comments on the Terms of Reference.
 - d. Opinions on Key Issues.
 - e. Assumptions and Risks.
 - f. Logistics and Timing.
 - g. Monitoring and Evaluation.
 - h. Publicity and Visibility.
- ii. Strategy:
 - a. Project Management Approach.
 - b. Detailed Methodology on how to do construction works and how to meet requirements.
 - c. Project Implementation Strategy.
- iii. Project Team, Roles and Responsibilities, CVs, Backstopping, Single Contact Point, Contingency plans etc.

9.1.2.4 Schedule of Requirements: A detailed delivery timetable (delivery lead-time) for the entire Works.

9.1.3 Financial Quotation:

The Financial Quotation shall be in a separate document, provides the following information using the Contractor's preferred template:

9.1.3.1 The cost breakdown with as much details as possible, including the quantities and unit costs.

9.1.3.2 All costs associated with the provision of these Works, including (i) remuneration for the experts and manpower (ii) expenses such as for the designing, producing, installing, constructing, and implementing, and operational cost, such as travel and transportation, etc, and (iii) all applicable taxes. (Activities and items included in the Technical Quotation not priced shall be assumed to be included in the prices of other activities or items).

9.1.3.3 Terms of payment and payment method shall be clearly specified in the Financial Quotation and further discussed during the negotiations.

9.2 Quotation Forms

- 9.2.1 The Quotation Forms (9.1.1, 9.1.2, and 9.1.3) and any other required documents shall be duly accomplished, typewritten or written in indelible ink, signed and stamped, before submitting to IOM. Any correction made to the prices, rates or to any other information shall be rewritten in indelible ink and initialed by the authorized person signing the Quotation Form.
- 9.2.2 The language of the Quotation shall be in English and prices shall be in USD, exclusive of Sales Tax.
- 9.2.3 Prices quoted by the Contractor shall be fixed during the performance of the contract and not subject to price escalation and variation on any account, unless otherwise approved by IOM. A submitted Quotation with an adjustable price will be treated as non-responsive and will be rejected.

9.3 Validity of Quotation Price

- 9.3.1 The submitted prices shall remain valid for 90 days, after the deadline for submission.
- 9.3.2 In exceptional circumstances, prior to expiry of the period of validity of quotations, IOM may request that the Contractors extend the period of validity for a specified additional period. The request and the response there shall be made in writing. A Contractor agreeing to the request will not be required or permitted to modify its quotation.

10. Submission of Quotation Documents

- 10.1 Quotations must be submitted to the following e-mail address:

Email address: iomturkeytenders@iom.int
Email subject: **TD-IZM-2022-0017**
Attn: Mr. Arda TARHAN
Mob: +90 532 786 55 07

- 10.2 It is important to keep the above tender ID unchanged in the e-mail subject, as highlighted above in red.
- 10.3 Quotations shall be submitted on or before 3:00 P.M on the 21st of January 2022. Late¹ Quotations will not be accepted.

11. Acceptance of Quotations.

- 11.1 IOM is not bound to take an immediate decision on the acceptability or unacceptability of Quotations at the time of their opening.

12. Rejection of Quotations

- 12.1 Quotations can be rejected for the following reasons:
- 12.1.1 The Quotation is not presented in accordance with this General Instruction.
- 12.1.2 The Quotation Form or any document which is part of it is not signed/stamped.
- 12.1.3 Incompleteness of the Quotation Documents.
- 12.1.4 The Contractor is not registered, nor licensed, nor paying taxes.

¹ Quotations delivered beyond the prescribed closing date and time shall be considered late and will be automatically disqualified by the system.

- 12.1.5 The Contractor is currently under list of blacklisted Contractors.
 - 12.1.6 The Quotation imposes certain basic conditions unacceptable to IOM.
 - 12.1.7 Sudden internal operational and administrative changes within IOM.
 - 12.1.8 The Contractor does not pass the government security checks.
- 12.2 IOM is not bound to accept any quotation received and reserves the right to waive any minor defect in a quotation, provided, however, that such minor defect (i) does not modify the substance of the quotation and (ii) does not change the relative ranking of the Contractors.

13. Evaluation of Quotations

- 13.1 IOM shall evaluate and compare the Quotations on the basis of the following:
- 13.1.1 Completeness and responsiveness of the Quotation documents.
 - 13.1.2 Registration, experience and past performance of the Contractor relevant to the requested Goods.
 - 13.1.3 Compliance with the RFQ description as listed in above and the technical description of Annex B.
 - 13.1.4 Prices.
 - 13.1.5 Quality (inspection visits and samples examining will be requested accordingly).
 - 13.1.6 The Quotation contents of all information specified in above articles. If any of the requested information is missing or is incorrect, the Quotation may be rejected on that sole basis and the Quotation will not be evaluated further.
- 13.2 Arithmetical errors will be corrected on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected accordingly. If the Contractor does not accept the correction of the errors as per this method, its Quotation will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.
- 13.3 The Quotations that pass the first administrative check will be evaluated on the relevance and design of the proposed action.

14. Delivery Site and Period of Delivery

- 14.1 The goods should be delivered at the following delivery site: (unless advised otherwise)
- Please refer to Annex B.*

15. Negotiations

- 15.1 Contract negotiation is expected to take place no more than one week after notification of the successful Contractor.
- 15.2 Negotiation will include discussion and finalization of a) documents submitted; b) Design and Technical Requirements; d) Financial Aspects; e) Payment Terms; and f) Contractual Terms.
- 15.3 All agreements coming out of the negotiations will be incorporated into the contract.

16. Liquidated Damages

- 16.1 If the Contractor fails to deliver any or all of the goods within the period specified in the Purchase Order (PO), a penalty payment of 0.1% of the price of the undelivered goods for every day of breach of the delivery schedule by the Contractor will be imposed.

17. Payment

- 17.1 Full payment shall be made within two weeks upon IOM's inspection and acceptance of the goods, and upon IOM's receipt of the valid original invoice describing the delivered goods.

18. Award of Contract

- 18.1 Following the negotiations, the contract will be awarded to the selected Contractor.
- 18.2 Contractors which do not receive notification before the 28th of January 2022 can consider their quotations unsuccessful.

19. Settlement of Dispute

- 19.1 The United Nations Commission on International Trade Law (UNCITRAL) arbitration rules will apply for any dispute, controversy or claim that will arise in relation to the procurement process.

20. Confidentiality

- 20.1 Information relating to the evaluation of the Quotations and recommendations concerning awards shall not be disclosed to the Contractors who submitted the quotations or to other persons not officially concerned with the process.
- 20.2 The Contractor shall not disclose any information in the Quotations to any third party. This obligation shall continue after the procurement process has been completed whether or not the Contractor is successful. IOM will however archive all Quotations for auditing purposes.

Annex A

QUOTATION FORM

Date : _____

To : IOM IZMIR

Having examined the General Instruction for the Supply and Delivery of the requested Materials, the receipt of which is hereby duly acknowledge, I, representing [.....] offer to supply and deliver the requested goods in conformity with the General Instruction in accordance with the Technical Specifications (Annex B) which is herewith attached and form part of this Quotation.

I undertake if my Quotation is accepted, to deliver the goods in accordance with the delivery schedule set out in the Price Table Form.

I agree to abide by this Quotation for the Validity Period specified in the General Instruction which may be accepted at any time before the expiration of that period.

I hereby certify that this Quotation complies with the requirements stipulated in the General Instruction.

Dated this _____ day of _____.

[signature over printed name]

[in the capacity of]

Duly authorized to sign Quotation for and on behalf of

_____ [name of company]

Annex B

BoQ

Shelter & CS Unit / Bill Of Quantity

Project Name: Rehabilitation 2 Kindergarden and 1 Education Center of Buca

Project Type: Rehabilitation

Location / Address: Buca /Izmir

Duration of the project: 30 days

Site Notes / Saha notlar

i. Site preparation includes all demolish if any and dismantle works required to prepare the site for the project, the work includes removing debris and cleaning the site from all encountered derbies, plantations, debris, remaining old materials, then remove and dispose outside site to Location indicated by Local authorities and municipalities, moving the unused equipment (if any) to the allocated area by the related authority

ii. The contractor must provide all safety requirements to the project during constructions such as in case of Emergency (PPE for staff, fire extinguish , first Aid box,etc).

iii. All materials / items in this BoQ should have TSE approved all works should be approved by IOM field engineer or his/her representative. and to be done according their instructions.

iv. Contractor should submit a sample of the items/materials for approval before starting the work.

i.Saha hazırlığı, projenin sahasını hazırlamak için gerekli herhangi bir ve sökme işinin yapılması durumunda tüm yıkımları içerir, iş, enkazın çıkarılmasını ve tüm kalıntıların, eski malzemelerin kalan parçaların temizlemenin ve daha sonra alan dışına kaldırılması ve bertaraf edilmesini içerir.Yerel otoriteler ve belediyeler tarafından, kullanılmayan ekipmanı (varsa) ilgili yetkili makam tarafından tahsis edilen alana taşınması.

ii.Yüklenici (personel için KKD, yangın söndürme, ilk yardım kutusu, vb.) Gibi inşaatlar sırasında projeye tüm güvenlik gereksinimlerini sağlamalıdır.

iii.Tüm malzemeler TSE tarafından onaylanmış olmalı ve tüm işler IOM saha mühendisi veya temsilcisi tarafından onaylanmalıdır.ve talimatlara uygun bir şekilde yapılmalıdır.

iv.Yüklenici firma herhangi bir satın alma işleminden önce ürünlerin/malzemelerin numunesini onaya sunmak zorundadır.

Site Visit / Saha Ziyareti

The Contractor is requested to visit the site and ascertain for himself the nature and extent of the works and the conditions under which they are to be executed. No claim by the Contractor for additional payment will be allowed on the grounds that he did not or could not foresee any matter which may in fact affect or have affected the execution of the works. / **Firmanın işin takibi için sahayı ziyaret etmesi istenecektir. Firma tarafından hiçbir şekilde öngemediği ya da öngemediği durumlar için ekstra ücret talebine izin verilmeyecektir.**

Site Meetings / Saha toplantıları

The Contract Administrator / representative will arrange a meeting to be attended by all relevant parties as soon as possible following the signing of the contract. Any necessary site meetings will be called as required by the Contract Administrator

Kontrat yöneticisi imzalanması üzerine bütün ilgilileri bir araya toplayarak toplantı ayarlayacaktır. Herhangi gerekli saha toplantıları kontrat yöneticisi tarafından düzenlenecektir.

Cleaning the Works / Temizlik işi

i. All completed work is to be left perfectly clean and in new condition. Keeping all componants and site clean . Allow for the removal of all splashes, marks, dust and similar. Touch up as required and leave all in good order and to the reasonable satisfaction of the IOM.

Bütün yapılan işler temiz ve yeni durumda olacak şekilde bırakılmalıdır. Bütün kapı ve pencerelerin dışındaki macunlar temizlenecektir. Bütün kir toz ve yapılan işaretler temizlenecektir. Gerekli işler yapılacak ve IOM memnun kalacak şekilde işler iyi durumda teslim edilecektir.



ii. Any damaged existing structure will be responsibility of contractor to redo poor workmanship without cost to IOM.

Hasarlı işler/malzemeler ve kalitesiz bir işçilikle yapılan işler IOM tarafından herhangi ek bir ücret ödenmeden yüklenici tarafından tekrar yapılacaktır.

iii. Refer additional notes and requirments in remark column below if any.


Eğer var ise ilave notlar ve ihtiyaçlar açıklamalar kısmında yer alacaktır.

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#	Items DESCRIPTION / English	Items DESCRIPTION / Turkish	Unit	Total QTY.	Unit Price (USD)	Total (USD)	Item Pictures or notes
1	Rubber Flooring Materials	Kauçuk malzeme alımı ve montajı					
	<p>Supply and install with all necessaries equipment's and Materials needed new a Rubber Flooring Materials (Refer picture in remarks columns), according to details below and specifications below.</p> <p>Antistatic rubber zem, which reduces impact and cap(2 cm thick) rubber material , should not be broken when fully folded or pores should not be opened and flexible to easily curl. Width: 40cm , length :40cm , thickness :20 mm, color: green /tile. The work will be delivered along with the adhesive and other ekipmanları materials together with the rubber material. It has high adhesion strength and will be resistant to water humidity and heat.</p> <p>The completion of the work, materials and other needs for flooring must be carried out and completed according to TSE specifications and instructions and approved from IOM field engineers or their representative.</p>	<p>Aşağıdaki belirtilen özelliklere göre gerekli tüm ekipman ve malzemeler ile Kauçuk Döşeme Malzemelerinin sağlanması ve döşenmesi (açıklama sütunlarında bulunan resme bakınız): Çarpma etkisini azaltan antistatik kauçuk zem.kap. (2 cm kalınlıkta) Kauçuk malzeme tamamen katlandığında kırılmamalı veya gözenekleri açılmamalı ve rahatlıkla kıvrılabilecek esneklikte olmalıdır. En :40cm , Boy :40cm , Kalınlık :20 mm, Renk: yeşil /Kiremit. Kauçuk malzeme ile birlikte yapıştırıcısı ve diğer ekipmanları ile birlikte iş teslim edilecektir. Yüksek yapıştırma mukavemetine sahip olup, suya neme ve ısıya dayanıklı olacaktır. Çalışma, malzeme ve işin tamamlanması,TSE şartnamelerine ve talimatlarına göre yapılmalıdır ve IOM saha mühendislerinin veya temsilcisinin tarafından onaylanmalıdır.</p>	M2	145			
2	Octagonal Camellia Shade and seats	Sekizgen kamelya Gölgeleklili ve Banklı					
	<p>Supply and assembly of the following octagonal camellia with all its crew, equipment and materials. (includes bench and table) Study, materials and completion of work.</p> <p>Seating Area Dimension: 300x300cm / Roof Plan = 350x350cm / Height: 300cm</p> <ul style="list-style-type: none"> • Props: 9x9 dimensions / 240cm high. • Railing Height: 75cm / Railing main frames are made of 5x5cm wood. • Sitting Benches: There are 7 pieces, with a seating width of 40cm and a seating height of 45cm. It is made of laths measuring 4x9cm. • Feet: Made of 2,5mm sheet metal. Electrostatic oven painted with powder paint. • Woods Used: 1st class impregnated scotch pine / spruce material. • Impregnation Color : optional brown or green impregnation. • Roof Covering: shingle coating on the wainscot. • Shingle Color : Green color <p>All materials used must be TSE approved and all work will be carried out according to the conditions and specifications determined by the IOM Field Engineer or his designators. The approval of the field engineer will be obtained before purchasing works.</p>	<p>Aşağıdaki özellikteki sekizgen kamelyanın tüm ekip, ekipman ve malzemesi ile temini ve montajı. (oturma bankı ve masayı içerir) Çalışma, malzeme ve işin tamamlanması.</p> <ul style="list-style-type: none"> • Oturma Alanı Ölçüsü : 300x300cm / Çatı Planı = 350x350cm / Yükseklik : 300cm • Dikmeler : 9x9 ebatlarında / 240cm yüksekliğinde. • Korkuluk Yüksekliği : 75cm / Korkuluk ana çerçeveleri 5x5cm ahşaptan imal edilmiş. • Oturma Bankı : 7 adet olup, 40cm oturma genişliği, 45cm oturma yüksekliğindedir. 4x9cm ölçülerinde latalardan imal edilmiş. • Ayaklar : 2,5mm sacdan imal edilmiştir. Elektro statik fırın toz boya ile boyanmış. • Kullanılan Ahşaplar : 1.sınıf emprenyeye edilmiş sarıçam / ladin malzeme. • Emprenye Rengi : isteğe bağlı kahve veya yeşil emprenye. • Çatı Kaplaması : lambiri üzeri shingle kaplama. • Shingle Rengi : Yeşil renk <p>Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır.</p>	set	1			

#	Items DESCRIPTION / English	Items DESCRIPTION/ Turkish	Unit	Total QTY.	Unit Price (USD)	Total (USD)	Item Pictures or notes
3	Internal Paint	İç Duvar Boyası					
	<p>Supply materials with all necessaries tools and manpower needed & Paint internal wall area with water based silicone paint. Ph : 8-9.5 , vapor pressure : 23hPa, density : 1.66 mg/m³, painting with one layer prime / astar coat then 2 layers painting, to use "Kapatan, İs-Ört" to cover the stains, spots , fire marks if any before starting the paint .</p> <p>The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.</p>	<p>İç duvar alanın, su bazlı silikon boya ile boyanması (mazlemenin tedarik edilmesi). Ph: 8-9.5, buhar basıncı: 23 hPa, yoğunluk: 1.66 mg / m³. bir katman astar, 2 katman iç boya ve gerektiği yerlerde boya uygulaması öncesinde lekeler için "İs-Ört, Kapatan" kullanılacaktır.</p> <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir.</p> <p>Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır</p>	M2	357			<p>Not: Renk seçimini idari yönetim seçecek olup, Anaokullarında birden fazla renk kullanılacaktır .</p> <p>Note: The color selection will be chosen by the administrative management, and more than one color will be used from Kindergartens.</p>
4	External Wall Insulation	Dış Cephe Yalıtımı					
	<p>"Supply and install with all necessaries tools , materials, transportations and manpower a external wall insulation with 5 cm thick Xps sheets (min. 120 kg / m³ density) and external thermal insulation on external walls and thermal insulation plaster (mantle). The application must be according to the following specifications;</p> <p>1- Bonding of 5 cm thick Xps boards on external walls with thermal insulation board.</p> <p>2-After gluing, it must be mounted on the surface with a steel dowel.</p> <p>3-One layer making of floor thermal insulation plaster (3kg consumable per each m2 on the sheet)</p> <p>4 -Gluing the plaster net on it (the joints will be superimposed on each other by 10 cm)</p> <p>5-Making of floor thermal insulation plaster to 2nd layer(3kg consumable per each m2 on the sheet) . The construction scaffolding should be included in the price .</p> <p>The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.</p>	<p>Gerekli Tüm ihtiyaçlar , nakliye ve insan gücü ile tedarik edilmesini içerir. 5 cm kalınlıkta Xps levhalar (min. 120 kg/m³ yoğunlukta) ile dış duvarlarda dıştan ısı yalıtımı ve üzerine ısı yalıtım sıvası yapılması (Mantolama) Uygulama aşağıdaki özelliklere göre olmalıdır ;</p> <p>1-Dış duvarlarda 5 cm kalınlıkta, Xps levhaların ısı yalıtım levha yapıştırıcısı ile yapıştırılması</p> <p>2-Yapıştırıldıktan sonra çelik dübeli ile yüzeye monte edilmesi.</p> <p>3- Levha üzerine m²'ye 3 kg sarf olacak şekilde 1. kat ısı yalıtım sıvasının yapılması</p> <p>4- Üzerine ek yerleri birbiri üzerine en az 10 cm bindirilecek şekilde sıva filesi yapıştırılması</p> <p>5- File üzerine m²'ye 2 kg sarf olacak şekilde 2. kat ısı yalıtım sıvasının yapılması. Fiyata iskele dahildir.</p> <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir.</p> <p>Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır</p>	M2	90			

#	Items DESCRIPTION / English	Items DESCRIPTION/ Turkish	Unit	Total QTY.	Unit Price (USD)	Total Price (USD)	Item Pictures or notes
5	External Wall Painting	Dış Cephe Boya					
	<p>Supply materials with all necessities tools and manpower needed, painting the exterior walls with special exterior acrylic-based water-based (grainy, texture) paint and supplying the material. Ph: 7-9, Vapor pressure: 23hPa, density: 1.57-1.63 g / cm³. 1 layer of primer and 2 layers as exterior paint should be apply. The color of the paint will be assigned by the engineer. Supply and application of all kinds of materials required for applying acrylic-based water-based paint to the surface with a roller, including primer and 2 layers of paint, after the surfaces to be painted are made smooth.</p> <p>The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.</p>	<p>Malzeme ve işçilik dahil, dış duvarların, özel dış cephe akrilik esaslı su bazlı (Grenli, tekstürlü) boya ile boyanması ve malzemenin tedarik edilmesi. Ph: 7-9, vapura basıncı: 23hPa, yoğunluk: 1.57-1.63 g / cm³. 1 katman astar, 2 katman dış boya olarak uygulanacaktır. Boyanın rengi saha mühendisi tarafından seçilecektir.</p> <p>Boyanacak yüzeylerin pürüzsüz hale getirildikten sonra astar ve 2 kat boya olmak üzere akrilik esaslı su bazlı boyanın rulo ile yüzeye uygulanması için gerekli her türlü malzeme temini ve uygulanması</p> <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir.</p> <p>Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikler tarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır</p>	M2	222			<p>Not: Renk seçimini idari yönetim seçecek olup, Anaokullarında birden fazla renk kullanılacaktır. Mevcut bulunan penre etrafındaki söve değişimi fiyata dahildir.</p> <p>Note: The color selection will be made by the administrative management, and more than one color will be used in Kindergartens. The replacement of the jamb around the existing window is included in the price.</p>
6	Kitchen Cabinet	Mutfak Dolabı					
	<p>Supplying and installation of wooden kitchen cabinet</p> <ul style="list-style-type: none"> The supply and installation of the kitchen cabinet, made of 18 mm thick MDF lam material 200 cm length and a depth of 50 cm. The cabinet contains 2 shelves with a single winged door, the space between the shelves will be 25 cm. The cabinet will be fixed to the wall. The cabinet will be implemented as two rows to the above and below of kitchen sink. Jobs will include handling, site delivery, installation, testing, all necessary accessories and labor. <p>The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.</p>	<p>Ahşap mutfak dolabı temini ve montajı,</p> <ul style="list-style-type: none"> 18 mm kalınlığında MDF lam malzemeden 200cm uzunluğunda ve 50 cm derinliğinde mutfak dolabı temini ve montajı. dolap tek kanatlı kapılı 2 raf içerir, raflar arası 25 cm olacaktır. Kabin duvara sabitlenecektir. Mutfak tezgahının alt kısmına ve üst kısmına olmak üzere iki sıra halinde yapılıacaktır. İşler taşıma, sahaya teslim, kurulum, test, tüm gerekli aksesuar ve işçiliği içerecektir. <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir.</p> <p>Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikler tarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır.</p>	Lump Sum	1			

#	Items DESCRIPTION / English	Items DESCRIPTION/ Turkish	Unit	Total QTY.	Unit Price (USD)	Total Price (USD)	Item Pictures or notes
7	Steel Door	Çelik Kapı					
	<p>Supplying, transportation, and installation of Iron doors with Frame ,DOOR FRAME: 2 mm DKP SHEET 2-part wall tightening and rubber gasket DOOR LEAF: 1 mm DKP SHEET (PAN SHAPE) 4 sides with rubber gasket THICKNESS: 89 mm PANEL: 8 mm Mdf with polished wood veneered rustic panel. WING FRAME: Wing floor section 304 quality 0.8mm stainless frame. LOCK : Central Lock ACCESSORIES: 50 cm stainless pull handle, stainless inner handle, binoculars and safety pin. also provided with all the accessories needed (Handles ,3 keys should be provided / master key are not accepted , ets .) According to Technical Engineer Recommendations color to be chosen by site engineer with coordination's with contractor .</p> <p>The work will include proper repairing and finishing around the door' frames with cement / gypsum and paint as required. All the work shall be completed according to specifications, conditions and instructions by the IOM site Engineer or his representative.</p>	<p>Çelik Kapılar: Tedariği, taşınması ve montajı, çerçevesi ile birlikte olacak. KAPI KASASI :2 mm DKP SAC 2 parçalı duvar sıkmalı ve lastik contalı KAPI KANADI : 1 mm DKP SAC (TAVA ŞEKLİNDE) 4 taraf lastik contalı KALINLIK : 89 mm PANEL : 8 mm Mdf üzeri cilalı ahşap kaplamalı rustik panel KANAT ÇERÇEVE : Kanat seren bölümü 304 kalite 0,8mm paslanmaz çerçeve. KİLİT : Kale Merkezi Kilit AKSESUAR : 50 cm paslanmaz çekme kol, paslanmaz iç kol, dürbün ve emniyet pimi boyamayı da ihtiyaç olan diğer aksesuarlarla birlikte tedarik edilmelidir(Kapı kolu ve 3 anahtar, ana anahtar kabul edilmeyecektir). Saha mühendisinin talimatına göre renk seçilecektir.</p> <p>Saha mühendisinin talimatına göre kapı çerçevelerinin etrafını/kenarı tamir harcı yada çimento ile tamir edilip boyanacaktır, yüzey düzgün olacaktır.Bütün işler TSE standartları ve IOM Saha Mühendisinin veya onun görevlendirdikleri tarafından belirlenen şartlar ve özelliklere göre yapılacaktır.</p>	EACH	2			
8	PVC windows	PVC Pencere					
	<p>Supply and Install New PVC windows with framing (Blind frame, Box profile dimensions for the blind frame are 30x40mm, 1.5mm wall thickness. Water drainage hole and anti-rust residue should be painted with 2 layers of synthetic paint) , thickness of PVC: 62 mm. with two layers of glass 4 mm thickness 12mm space between them (Double glazed each 4mm thick 12mm between them) , Handles and any other required equipment of windows should be included ,Brand and quality should be approved by TSE (Turkish Standards Institution) as instructed by the site engineer. The work will include proper repairing and finishing around the windows' frames with cement / gypsum and paint as required. install fly screen for windows if necessary according to site engineer openings as instructed by the site engineer.</p> <p>The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.</p>	<p>Yeni PVC pencere ve çerçevesi (kör kasa, Kör kasa için kutu profil ölçüleri 30x40mm 1.5mm et kalınlığında. Su tahliye deliği ve antipas arti 2 kat sentetik boya ile boyanmış olmalıdır) temin ve montajı. Kalınlığı 62mm olmalıdır. Çift camlı her biri 4mm kalınlığında aralarında 12mm boşluk kalacak şekilde su geçirmez silikon kullanılarak monte edilecektir. Gerekli tüm malzemeler, ekip, ekipmanlar, aksesuarlar (kilit sistemi, kol, sineklik vs.) dahildir. Kullanılan PVC Türkiye yapımı TSE onaylı olacaktır. Pencere çerçevelerinin etrafı/ kenarları tamir harcı yada çimento ile onarılmalı ve boyanmalıdır, yüzeyler düzgün ve pürüzsüz olacaktır. Pencere boşluklarına sineklik takılacaktır.</p> <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir. Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır</p>	M2	9			<p>Not: Pencereler sürgülü sistem olacaktır. Note: The windows will be sliding system.</p>

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9	Internal Cermaic tiles for floor	İc Mekan Zemin seramik	M2	24			
	<p>Leveling the existing cermaic tiles, and Supply and install with all necessary materials (like ceramic sticker plaster) tools and manpower needed of Ceramic for the floor. Dimensions: 60x60cm and the thickness of the ceramics will be 3 mm. Between the two ceramics, the joint will be at least 1 cm and will fill with the joint filter. The design of the ceramics should be similar to the existing ceramics.</p> <p>The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.</p>	<p>Mevcut seramiğin varsa zemin göçükleri düzeltilip , yine bu zemin üzerine seramik yapıştırma harcı kullanılarak döşeme işlemi yapılacaktır.Zemin için Seramik için gerekli olan tüm gerekli malzeme aletleri ve insan gücü ile tedarik ve kurulum bu iş kalemine dahildir. Zemin için Seramik için gerekli olan tüm gerekli malzeme aletleri ve insan gücü ile tedarik ve kurulum. Ebatlar: 60x60cm ve seramiklerin kalınlığı 3 mm olacaktır. İki seramik arasında derz en az 1 cm olacak ve derz filtresi ile doldurulacaktır. Seramiklerin dizaynı mevcut seramiklere benzer olmalıdır.</p> <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir.</p> <p>Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır</p>					
10	New western WC for Children	Yeni Çocuk Hela Taşı (klozet)					
	<p>Supply and install with all necessary tools and accessories needed new ceramic Western WC toilet. Supply material, install and connect, flush tank with mounted hose, high pressure connection steel hose, chromium plated stop valve, connected to wall with brackets . Flush tanks made of high strength plastic. The dimensions for toilet will be z= 31.5cm, w= 295cm, and d=57cm.The work will include all the required piping, plumbing works, accessories, fittings and connections to the water and sanitation systems as instructed by the site engineer. The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described.</p> <p>The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.</p>	<p>Gerekli tüm alet ve aksesuarların temini ve uygulaması, Seramikten imal edilmiş olan ve kişisel hijyen için kullanılan rezervuarlı takım klozet temini ve montajı. Rezervuarlar dayanıklı plastikten imal edilmiş olacaktır. Klozet takımı TSE standartlarına uygun olacaktır. Klozet için gerekli ölçüler z=31.5 cm w= 29.5 cm d= 57 cm. İş, eski tuvaletin kaldırılması yerine yeni klozetin montajı,zeminin eski haline getirilmesi ve tüm tesisat işlerini içerecektir. Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir.</p> <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir.</p> <p>Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır</p>	Piece	4			

#	Items DESCRIPTION / English	Items DESCRIPTION/ Turkish	Unit	Total QTY.	Unit Price (USD)	Total Price (USD)	Item Pictures or notes
11	walls repair	Duvar Yapimi					
	<p>Building a wall for kindergarten. It will include fixing with 13.5 cm brick or rebuilding with old wall material. Brick type to be used: 19x19x13.5 cm pressure resistance: 2.5 N / mm2 and 3 kg. All necessary materials, workers, labor, transportation, etc. are included in the price. Items required to implement the job as described are included.</p> <p>All materials used must be TSE approved and all work will be carried out according to the conditions and specifications determined by the IOM Field Engineer or his designators. Approval of the field engineer will be obtained before purchasing works.</p>	<p>Anaokulu icin duvar örülmesi. 13.5 cm'lik tuğla ile sabitleme veya eski duvar malzemesiyle yeniden örülmesini icerecektir. Kullanılacak Tuğla türü: 19x19x13.5 cm basınç direnci: 2,5 N / mm2 ve 3 kg'dır. Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir. Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır</p>	M2	38			
12	Plastering works	Siva yapilmasi					
	<p>Supply materials with all necessaries tools and manpower needed & plaster for External areas with ready external plaster. using a ready mix colored plaster materials for external Plastering, External walls should be 2 (two) cm thickness minimum . Relative humid rate : 23 C %50, cream color, the mixture ratio 5lt/25 kg, compression strength : 20 N/mm2, bending strength : 4 N/mm2.</p> <p>The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.</p>	<p>Anaokulu duvarlar 2 cm kalınlığında renkli hazır siva harcı ile sıvalanacaktır(hazır siva temini ve uygulaması). Bağlı nemi oranı: 23 C% 50, krem renk, karışım oranı 5lt / 25 kg, sıkışma mukavemeti: 20 N / mm2, eğilme mukavemeti: 4 N / mm2. Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir. Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır.</p>	M2	76			
13	Fencing Wire	Tel Çit					
	<p>Supply and install with all necessary tools and equipment new chain link fencing with stey wire for center. 1.2 meters high Ready-made fence installation around the wall where the kindergarten will be built. The product features should be as follows.</p> <ul style="list-style-type: none"> Product Dimension: 75x250 cm. Polyester based electrostatic powder paint on galvanized wire Color : Green Rustproof, Does Not Require Paint, Aesthetic and Weather Resistant. (-70°C and +70°C) <p>All necessary materials, workers, labor, transportation, etc. are included in the price. Items required to implement the job as described are included.</p> <p>All materials used must be TSE approved and all work will be carried out according to the conditions and specifications determined by the IOM Field Engineer or his designators. The approval of the field engineer will be obtained before purchasing works.</p>	<p>Anaokulu yapılacak duvar etrafına hazır çit montajı.Ürün özellikleri aşağıdaki gibi olmalıdır .</p> <ul style="list-style-type: none"> Ürün Ebatı : 75x250 cm. Galvanize tel üzeri polyester esaslı elektrostatik toz boya Renk : Yeşil Paslanmaz, Boya Gerektirmez, Estetik ve Hava koşullarına dayanıklıdır.(-70°C ve +70°C) <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir. Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır.</p>					

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14	Roofing replacement Sandwich Panel	Çatı Değişimi için Sandviç Panel					
	<p>Sandwich panel supply and assembly for roofs with all profiles and connections.</p> <ul style="list-style-type: none"> A frame is formed from 4cmx6cmx2mm HSS steel profile with hollow rectangular section and 15 cm cantilever is left from all sides, 4cmx6cmx1.8mm hollow profiles are welded on the frame at 1.5m intervals, intersecting in the center in both directions. Turkish-made sandwich panels with a thickness of 4 cm are mounted on the structure. All metal accents should be painted with anti-rust and 2-layer synthetic paint. The color will be chosen by the IOM field engineer. The sides of all profiles used should be covered with covers. Required steel profiles and concrete blocks should be used to give the required slope to the roof, and the remaining gaps should be plastered with cement mortar and gypsum. Installation of rain gutters and rain PVC pipes on the roof is included. Insulation material or dyson will be used where sandwich panels overlap each other. <p>The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance</p>	<p>Çatılar için Sandviç panel tedarik ve montajı tüm profil ve bağlantılar ile.</p> <ul style="list-style-type: none"> İç boş dikdörtgen kesitli 4cmx6cmx2mm HSS çelik profilden çerçeve oluşturulur ve tüm kenarlardan 15 cm konsol bırakılır, çerçeve üzerine iki yönde de merkezde keşişecek şekilde 1.5m aralıklarla 4cmx6cmx1.8mm içi boşaltılmış profiller kaynatılır. Oluşturulan yapının üzerine 4cm kalınlıkta Türk yapımı sandviç paneller montajlanır. Tüm metal aksanlar anti pas ve 2 katman sentetik boya ile boyanmalıdır Renk IOM saha mühendisi tarafından seçilecektir.. Kullanılan tüm profillerin yanları kapaklar ile kapatılmalıdır. Yapılan çatıya gerekli eğimin verilmesi için gerekli çelik profiller, beton bloklar kullanılmalı, kalan boşluklar çimento harcı ve alçı ile sıvalanmalıdır. Yapılan çatıya yağmur olukları ve yağmur PVC borularının montajı dahildir Sandviç panellerin birbirine bindiği yerlerde izolasyon malzemesi veya dyson kullanılacaktır. <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir.</p> <p>Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır.</p>	M2	95			
15	Parquet Application	Parke Uygulması					
	<p>Procurement and installation of parquet material below.</p> <ul style="list-style-type: none"> Resistant to cigarette fire, does not fade from the sun, does not stain, hygienic, Laminate flooring thickness is 10 mm. Abrasion class of Laminate Flooring will be Class 32. The floor will be cleaned properly before starting the parquet application. After the cleaning process is completed, 2 mm thick polyethylene mattress joints will be laid with 20 cm overlapping, then the overlapping points will be taped with packing tape. In the meantime, at the points where the polyethylene 3-iltte flooring meets the wall, it will be mounted on the wall by 20 cm. Depending on the packaging condition, the parquet will be laid perpendicular to the light, leaving a 1 cm gap between it and the wall. While the parquet is being laid, the waterproof glue offered by the companies will be sprayed on the parquet lamp, and it will be seen that it overflows when the parquets are put together. After the excess part of the polyethylene mattress that is on the wall is cut, the baseboard will be laid on the gauge by means of silicone adhesive. There will be no leakage from the wall line while the skirting is being made. All necessary materials, workers, labor, transportation, etc. are included in the price. Included are the items necessary to implement the job as described. <p>All materials used must be TSE approved and all work will be carried out according to the conditions and specifications determined by the IOM Field Engineer or his designators. Before purchasing works, the approval of the field engineer will be obtained.</p>	<p>Aşağıdaki özellikteki Parke malzemesi temini ve montajı.</p> <ul style="list-style-type: none"> Sigara ateşine dayanıklı, güneşten rengi solmaz, leke tutmaz, hijyenik, Laminant parke kalınlığı 10 mm. Laminant Parke Aşınma sınıfı Class 32 olacaktır. Parke uygulamasına başlamadan önce zemin düzgün bir şekilde temizlenecektir. Temizlik işlemitamamlandıktan sonra 2 mm kalınlığındaki polietilen şilte ek yerleri 20 cm üst üste bindirilerek döşenecek, daha sonra üst üste bindiği noktalar ambalaj bandıyla bantlanılacaktır. Bit arada polietilen 3ilte doşemenin duvarla birleştiği noktalarda da 20 cm kadar duvara bindirilecektir. Parke ambalaj durumuna göre, işiga dik gelecek şekilde duvarla arasında 1 cm boşluk bırakılarak döşenecektir. Parke doşenirken, firmaların teklif ettikleri su geçirimsiz tutkal, parke lambasına sıkılacak, parkeler birbirine geçirildiğinde üstten taşıtı görülecektir. Polietilen şiltenin duvara binmiş fazla kısmı kesildikten sonra silikon yapıştırıcı vasıtasıyla masterında süpürgelik doşenecektir. Süpürgelik yapılırken duvar hattından herhangi bir kaçaklık olmayacaktır. <p>Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir.</p> <p>Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır.</p>	M2	90			

#	Items DESCRIPTION / English	Items DESCRIPTION/ Turkish	Unit	Total QTY.	Unit Price (USD)	Total Price (USD)	Item Pictures or notes
16	Iron Railing to Windows	Pencrelere Demir Korkuluk					
	It is similar to the existing railings in the school windows. The railings are made and mounted. The railings are painted with one anti-rust layer and two layers of oil paint. The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.	Okul pencrelerine mevcut korkuluklara benzer, korkuluk yapımı ve montajı .Yapılan Korkuluklar antipas bir kat ve yağlı boya 2 kat olmak üzere boyanaktır. Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir. Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır.	KG	500			
17	Distribution Board Box with switch and 4 circuit breakers	Dağıtım Panosu, Ana şalter ve 4 Devre Kesici					
	Supply and install plastic distribution board box with main switch and 4 circuit breakers (two 16 Amp , two 32 Amp) (Siemens - Schinders / Turkish Made) as instructed by the site engineer. The work will include all the required accessories for connecting the board to the power distribution system. The price includes all works, workmanship, materials, transportation, connections etc. to complete the work as described. All materials used must be TSE approved and all work will be done according to the conditions and specifications determined by IOM Field Engineer or his / her assignments. All documents will be submitted in advance.	Saha mühendisinin talimatına göre Ana salterli ve 4 devre kesici plastik dağıtım panosu kutusunun temini ve kurulumu(2 tane 16 Amp, 2 tane 32 Amp, Siemens-Schinders/Türk Yapımı). Is, panoyu guc dagitim sistemine baglamak için gereken tüm aksesuarlari icerecektir. Is eski malzemenin demontaji ve yeni malzeme temini montaji ve testini içerir. Fiyata gerekli tüm malzeme, işçi, işçilik, nakliye vb. işi tanımlandığı gibi uygulanması için gerekli kalemler dahildir. Kullanılan tüm malzemeler TSE onaylı olmalı ve bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleritarafından belirlenen şartlar ve özelliklere göre yapılacaktır. Satın alma işlerinden önce saha mühendisinin onayı alınacaktır.	NoS / Takım	1			
18	Ceiling lighting Leds	Tavan led armatürler					
	Supply and installation of 60*60 new ceiling lighting leds with the body of at least 0.5 mm, frame of at least 0.7 mm of DKP sheet, with opal PMMA diffuser with a thickness of at least 1 mm, with a minimum IP 40 degree of protection. The ENEC certified driver and driver PFC value will be at least 0.95. The leds used will be IESNA LM-80 certified. The lifetime of the luminaires will be at least 50000 (L70) hours according to the TM-21 calculation table, the luminaire color rendering value (CRI) will be at least 80 and will have a homogeneous light distribution. Luminaires meet TS EN 60598-1, TS 8698 EN 60598-2-1, TS EN 60598-2-2 standards, armature drivers TS EN 61347-1 and TS EN 61347-2-13 standards and (2014/35 / AB) It shall be placed on the market with CE conformity mark in accordance with the regulation on Electrical Equipment Designed for Voltage Limits. The luminaires will have a photometric measurement report in accordance with IESNA LM-79 standards taken from an accredited laboratory, IP protection degree tests will be made according to TS 3033 EN 60529 standard, IK protection degree tests according to TS EN 62262 standard. The work includes removing old materials, supply	Gövdesi en az 0,5 mm, çerçevesi en az 0,7 mm DKP sacdan imal edilmiş, en az 1 mm kalınlığında opal PMMA difüzörlü, en az IP 40 koruma derecesine sahip 34adet 60*60 led armatur temini ve montajı.Bütün led armatürler; ENEC sertifikalı sürücülü ve sürücü PFC değeri en az 0,95 olacaktır. Kullanılan ledler IESNA LM-80 belgeli olacaktır.Armatürlerin kullanım ömrü TM-21 hesaplama tablosuna göre en az 50000 (L70) saat,armatür renksel geriverim değeri (CRI) en az 80 olacaktır ve homojen ışık dağılımına sahip olacaktır. Armatürler TS EN 60598-1, TS 8698 EN 60598-2-1, TS EN 60598-2-2 standartlarına, armatür sürücüleri TS EN 61347-1 ve TS EN 61347-2-13 standartlarına ve (2014/35/AB) Belirli Gerilim Sınırları İçin Tasarlanan Elektrikli Ekipman ile ilgili yönetmeliğe uygun olarak CE uygunluk işaretiyle piyasaya arz edilmiş olacaktır. Armatürler akredite bir labaratuvaradan alınmış IESNA LM-79 standartlarına uygun fotometrik ölçüm raporuna sahip olacak, IP koruma derecesi testleri TS 3033 EN 60529 standardına, IK koruma derecesi testleri TS EN 62262 standardına göre yaptırılmış olacaktır. Bütün işler IOM Saha Mühendisinin veya onun görevlendirdikleri tarafından belirlenen şartlar ve özelliklere göre yapılacaktır	Piece	12			Not: Lambaların kablolaması , kablo kanalına alınması , antahtarlar ve ana şalterden kablo çekimi fiyata dahildir. Note: Cabling of the lamps, taking them into the cable channel, switches and cable pulling from the main shaft are included in the price.

,transportations, install, connecting and testing the new Plug switch's materials . approved by TSE. All the work shall be completed according to specifications, conditions and instructions by the IOM site Engineer or his representative.						
Overall Total Cost USD:	Ortalama Tutar USD:					

Teslim Süresi - Lead Time	
Kase & Imza - Sign & Stamp	