



Request for Proposal

IRQDHK/PWJ-PRM-7/RFP/002

**Establishment of Workshops and Tool service center in Shariya and Sheikhan
IDP Camps / Duhok governorate**

Deadline of Submission: 7th of January 2025, 12:00 pm

Duhok Governorate, Iraq

Peace Winds Japan (PWJ) – Iraq Mission

December 2024





Section 1. Letter of Invitation

Duhok, Iraq

December 24, 2024

IRQDHK/PWJ-PRM-7/RFP/002 Request for Proposal for Provision of

**Establishment of Workshops and Tool service centers in Shariya and Sheikhan IDP Camps /
Duhok governorate**

Dear Sir/Madam,

The Peace Winds Japan (PWJ), Iraq Mission hereby invites interested and eligible suppliers, duly registered with the Government of Iraq to submit a firm proposal to provide

**Establishment of Workshops and Tool service center in Shariya and Sheikhan IDP Camps /
Duhok governorate**

The following documents are integral parts of this Request for Proposal (RFP):


- Section 1 – This Letter of Invitation
- Section 2 – Instructions to Bidders (including Data Sheet)
- Section 3 – Schedule of Requirements and Technical Specifications
- Section 4 – Bid Submission Form
- Section 5 – Documents Establishing the Eligibility and Qualifications of the Bidder
- Section 6 – Technical Bid Form
- Section 7 – General Terms and Conditions for Services
- Section 8 – Bill of Quantities (Price Schedule)

Please submit your proposal, comprising a Technical Bid and Price Schedule, in separate sealed envelopes, according to Section 2 to following addresses:

- 1) PWJ Duhok Office, Building #Z025 Malta Nasara - Dashet street - Dohuk – Iraq or
- 2) PWJ Erbil Office Erbil Office, Erbil 100 meter Italian village, Villa number 198

Should you require any clarification, kindly communicate with the contact person identified in the attached Data Sheet as the focal point for queries on this RFP.

PWJ looks forward to receiving your Bid and thanks you in advance for your interest in doing business with PWJ.


Yours sincerely,
Andrew B. Wietecha
PWJ Country Representative/ Iraq

24 DEC 24





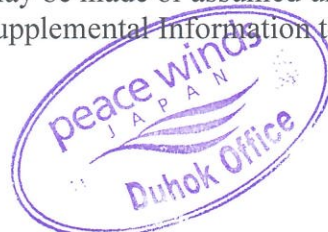
Section 2: Instruction to Bidders

Definitions of terminology used in this RFP

- a) “*Bid*” refers to the Bidder’s response to the Invitation to Bid, including the Bid Submission Form, Technical Bid and Price Schedule, and all other documentation attached thereto as required by the Request for Proposal (RFP).
- b) “*Bidder*” refers to any legal entity that may submit, or has submitted, a Bid for the supply of goods and provision of related services requested by PWJ-Iraq Mission.
- c) “*Contract*” refers to the legal instrument that will be signed by and between the PWJ-Iraq Mission and the successful Bidder, all the attached documents to it, including the General Terms and Conditions (GTC).
- d) “*Country*” refers to the country indicated in the Data Sheet.
- e) “*Data Sheet*” refers to such part of the Instructions to Bidders used to reflect conditions of the tendering process that are specific to the requirements of the RFP.
- f) “*Day*” refers to a calendar day.
- g) “*Goods*” refers to any tangible product, commodity, article, material, wares, equipment, assets, or merchandise that PWJ-Iraq Mission requires under this RFP.
- h) “*Government*” refers to the Government of the country where the goods and related services provided/rendered specified under the Contract will be delivered or undertaken.
- i) “*Instructions to Bidders*” refers to the complete set of documents that provides Bidders with all information needed and procedures to be followed in the course of preparing their Bid
- j) “*RFP*” refers to the Request for Proposal consisting of instructions and references prepared by PWJ-Iraq Mission for purposes of selecting the best supplier or service provider to fulfill the requirement indicated in the Schedule of Requirements and Technical Specifications Section 3.
- k) “*LOI*” (Section 1 of the RFP) refers to the Letter of Invitation sent by PWJ-Iraq Mission to Bidders.
- l) “*Material Deviation*” refers to any contents or characteristics of the bid that are significantly different from an essential aspect or requirement of the RFP, and (i) substantially alters the scope and quality of the requirements; (ii) limits the rights of PWJ-Iraq Mission and/or the obligations of the offeror; and (iii) adversely impacts the fairness and principles of the procurement process, such as those that compromise the competitive position of other offerors.
- m) “*Schedule of Requirements and Technical Specifications*” refers to the document included in this RFP as Section 3 which lists the goods required by PWJ-Iraq Mission, their specifications, the related services, activities, tasks to be performed, and other information pertinent to PWJ-Iraq Mission’s receipt and acceptance of the goods.
- n) “*Services*” refers to the entire scope of tasks related or ancillary to the completion or delivery of the goods required by PWJ-Iraq Mission under the RFP.

A. GENERAL

1. PWJ hereby solicits Bids in response to this Request for Proposal (RFP) from interested and eligible suppliers who are duly registered with the Government of Iraq. Bidders must strictly adhere to all the requirements of this RFP. No changes, substitutions, or other alterations to the rules and provisions stipulated in this RFP may be made or assumed unless it is instructed or approved in writing by PWJ in the form of Supplemental Information to this RFP.





2. Submission of a Bid shall be deemed as an acknowledgment by the Bidder that all obligations stipulated by this RFP will be met and, unless specified otherwise, the Bidder has read, understood, and agreed to all the instructions in this RFP.
3. Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of any Bid by PWJ. PWJ is under no obligation to award a contract to any Bidder as a result of this RFP.

B. CONTENTS OF BID

4. Sections of Bid

Bidders are required to complete, sign, stamp, and submit the following documents:

- 4.1 Bid Submission Form (see RFP Section 4);
- 4.2 Documents Establishing the Eligibility and Qualifications of the Bidder (see RFP Section 5);
- 4.3 Technical Bid Form (see prescribed form in RFP Section 6);
- 4.4 Bill of Quantities (Price Schedule) (see prescribed form in RFP Section 8);

C. PREPARATION OF BID

5. Cost

The Bidder shall bear any costs related to the preparation and/or submission of the Bid, regardless of whether its Bid was selected or not. PWJ-Iraq Mission shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the procurement process.

6. Language

The Bid, as well as any related correspondence exchanged by the Bidder and PWJ, shall be written in English.

7. Bid Submission Form

The Bidder shall submit the Bid Submission Form using the form provided in Section 4 of this RFP.

8. Technical Bid Format and Content

Unless otherwise stated in the **Data Sheet**, the Bidder shall structure the Technical Bid as follows:

- 8.1 **Expertise of Firm/Organization** – this section should provide details regarding the management structure of the organization, organizational capability/resources, and experience of the organization/firm, the list of projects/contracts (both completed and ongoing, both domestic and international) which are related or similar to the requirements of the RFP.
- 8.2 **Technical Specifications and Implementation Plan** – this section should demonstrate the Bidder's response to the Schedule of Requirements and Technical Specifications by identifying the specific components proposed; how each of the requirements shall be met point by point; and providing a detailed specification and description of the goods required.





8.3 Management Structure and Key Personnel – This section should include the comprehensive curriculum vitae (CVs) of key personnel that will be assigned to support the implementation of the technical bid, clearly defining their roles and responsibilities. CVs should establish competence and demonstrate qualifications in areas relevant to the requirements of this RFP.

In complying with this section, the Bidder assures and confirms to PWJ that the personnel being nominated are available to fulfill the demands of the Contract during its stated full term.

9. Bill of Quantities (Price Schedule)

The Bill of Quantities (Price Schedule) shall be prepared using the attached standard form (Section 8). It shall list all major cost components (an all-inclusive cost) associated with the goods and related services and the detailed breakdown of such costs. All goods and services described in the Technical Bid must be priced separately on a one-to-one correspondence. Any output and activities described in the Technical Bid but not priced in the Price Schedule shall be assumed to be included in the prices of the items or activities, as well as in the final total price of the bid.

10. Currencies

All prices shall be quoted in **Iraq Dinar (IQD)**.

11. Validity Period

11.1 Bid shall remain valid for the period specified in the **Data Sheet**, commencing on the submission deadline date also indicated in the **Data Sheet**. A Bid valid for a shorter period shall be immediately rejected by PWJ and rendered non-responsive.

11.2 In exceptional circumstances, before the expiration of the Bid validity period, PWJ may request Bidders to extend the period of validity of their Bid. The request and the responses shall be made in writing and shall be considered integral to the Bid.

D. SUBMISSION AND OPENING OF BID

12. Submission

The Technical Bid Form and the Bill of Quantities (Price Schedule) **must be submitted in two separate envelopes as follows:**

Content of two separate envelopes:

One envelope for the Technical bid.

One envelope for the Financial bid.

Both of those envelopes should be placed and sealed in the third (outer) envelope.

The sealed outer envelope must include the below information:

- a) Bear the name of the Bidder;
- b) Be addressed to PWJ as specified in the **Data Sheet** (DS no.10); and
- c) Bear a warning not to open before the time and date for Bid opening as specified in the **Data Sheet** (DS no.13).





If the envelope is not sealed nor labeled as required, the Bidder shall assume the responsibility for the misplacement or premature opening of the Bid due to improper sealing and labeling by the Bidder.

13. Deadline for Submission of Bid and Late Bids

The bid must be received by PWJ at the address and no later than the date and time specified in the **Data Sheet** (DS no.10-11).

PWJ shall not consider any Bid that arrives after the deadline for submission of Bid. Any Bid received by PWJ after the deadline for submission of the Bid shall be declared late, rejected, and returned unopened to the Bidder.

14. Bid Opening

PWJ will open the Bid in the presence of a procurement committee formed by PWJ of at least three (3) members.

The Bidders' names, the condition of the envelope labels/seals, and all other details as PWJ may consider appropriate will be announced at the opening. No Bid shall be rejected at the opening stage, except for the submission of technical and financial proposals in one envelope.

15. Confidentiality

Information relating to the examination, evaluation, and comparison of Bid, and the recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process, even after publication of the contract award.

Any effort by a Bidder to influence PWJ in the examination, evaluation, and comparison of the Bid or contract award decisions may, at PWJ's decision, result in the rejection of its Bid.

E. EVALUATION OF BID

16. Preliminary Examination of Bid

PWJ shall examine the Bid to determine whether they are complete concerning the minimum documentary requirements **Data Sheet** (DS No. 15). PWJ may reject any Bid at this stage.

17. Evaluation of Bid

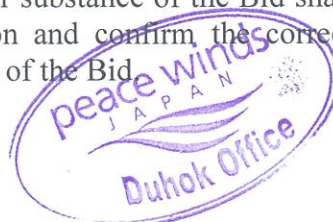
17.1 PWJ shall examine the Bid to confirm that all terms and conditions under the PWJ General Terms and Conditions have been accepted by the Bidder without any deviation or reservation.

17.2 The evaluation team shall review and evaluate the Bids based on their responsiveness to the Schedule of Requirements Technical Specifications and other documentation provided, applying the procedure indicated in the **Data Sheet** (DS No. 14). No changes may be made by PWJ in the criteria after all Bids have been received.

18. Clarification of Bid

To assist in the examination, evaluation, and comparison of bids, PWJ may, at its discretion, ask any Bidder to clarify its Bid.

PWJ's request for clarification and the Bidder's response shall be in writing. Notwithstanding the written communication, no change in the prices or substance of the Bid shall be sought, offered, or permitted, except to provide clarification and confirm the correction of any arithmetic errors discovered by PWJ in the evaluation of the Bid.





Any unsolicited clarification submitted by a Bidder in respect to its Bid, which is not a response to a request by PWJ, shall not be considered during the review and evaluation of the Bid.

19. Responsiveness of Bid

PWJ's determination of a Bid's responsiveness will be based on the contents of the Bid itself. A substantially responsive Bid conforms to all the terms, conditions, and specifications of the RFP without material deviation, reservation, or omission.

If a Bid is not substantially responsive, it shall be rejected by PWJ and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

PWJ reserves the right to accept or reject any bids, and to annul the bids process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders, or any obligation to inform the affected bidder or bidders of the grounds for PWJ's action. **PWJ shall not be obliged to award the contract to the lowest priced offer. PWJ has the freedom to choose the contract recipient, prioritizing factors beyond just the lowest price, ensuring the organization's interests and overall protection. The decision on the selected contractor will consider various aspects (reference check, previous experiences, professional conduct etc.) beyond cost to safeguard the organization's well-being.**

F. AWARD OF CONTRACT

20. Award Criteria

Before the expiration of the period of Bid validity, PWJ shall award the contract to the most responsive Bidder that meets the requirements of PWJ.

21. Right to Vary Requirements at the Time of Award

At the time of award of the Contract, PWJ reserves the right to vary the quantity of the goods and/or related services, by up to a maximum of twenty percent (20%) of the total offer, without any change in the unit price or other terms and conditions.

22. Contract Signature

Within five (5) days from the date of receipt of the selection notice or information, the successful Bidder shall sign the Contract.

Failure of the successful Bidder to comply with the requirement and this provision shall constitute sufficient grounds for the annulment of the award, and forfeiture of the Bid, and in which event, PWJ may award the Contract to the Bidder who offers the second most responsive bid or launch a new Request for Proposal.

23. Zero Tolerance Policy:

Please note that the zero-tolerance policy is strictly followed and as such, suppliers are advised not to offer any gifts, favours, hospitality commissions, etc. to PWJ staff. If any supplier is found to be offering gifts, favours, hospitality commission, etc. to PWJ staff, PWJ will not do business with them anymore.





DATA SHEET

The following data for the supply of goods and related services shall complement/supplement the provisions in the Instruction to Bidders. In the case of a conflict between the Instruction to Bidders and the Data Sheet, the provisions in the Data Sheet shall prevail.

DS No.	Data	Specific Instructions / Requirements
1	Project Title:	Establishment of Workshops and Tool Service Center in Shariya and Sheikhan IDP Camps / Duhok governorate
2	Title of Goods/ Services/ Work Required:	Construction Work
3	Country:	Iraq
4	Language of the Bid:	<input checked="" type="checkbox"/> English <input type="checkbox"/> Kurdish <input type="checkbox"/> Arabic <input type="checkbox"/> Others (pls. specify) _____
5	Period of Project (Duration of implementation):	<input checked="" type="checkbox"/> 60 Calendar days
6	Preferred Currency of Bid and Method for Currency conversion	<input type="checkbox"/> United States Dollars (US\$) <input checked="" type="checkbox"/> Iraqi Dinar (IQD)
7	Deadline for submitting requests for clarifications/ questions	2 days before the submission date
8	Site Visit	<p><u>Site visit is MANDATORY.</u> Company's technical person or Manager to attend.</p> <p>Dates: Tuesday, 31 of December, 2024 11:00 am -13:00 pm Venue: Gawilan Camp Management office</p> <p>*The appointed company's technical or manager's attendance at the Site visit is mandatory. <u>Submission of the copy of the attending technical/manager of the company's ID during the Site visit is required.</u></p>
9	Contact Details for submitting clarifications/questions	PWJ Technical Department: 0751 794 67 46 Sunday to Thursday, 9:00 am -14:00 pm
10	Bid submission address	-Duhok Office, Building #Z025 Malta Nasara - Dashet street - Dohuk - Iraq





		-Erbil Office, Erbil 100-meter Italian village, Villa number 198 – Erbil - Iraq
11	Deadline for Bid Submission	Date and Time: Tuesday, 7th of January 2025 at 12:00 pm
12	Manner of Submitting Bid	<input checked="" type="checkbox"/> Hand Delivery <input type="checkbox"/> Electronic submission of Bid
13	Date, time, and venue for the opening of Bid	Date and Time: Tuesday, 7th of January 2025 at 15:00 pm Venue: PWJ- Duhok office
14	Evaluation method to be used in selecting the most responsive Bid	Scoring of the technical requirements. The technical part will have a 60% weightage while the financial part shall have a 40% weightage. To be qualified for financial evaluation, a company must score at least 42/60 on the technical part. The technical scores (on 60%) of technically qualified bidders will be added to their financial scores (on 40%) and the contract shall be awarded to the bidder with the highest total score, i.e., [Lowest offer amount x [100] / [the offer amount of proposal vendor] = points for other Supplier's Price Component x 40% = the points to count towards the overall score.
15	Required Documents and criteria for the Award and evaluation of the Bid that must be submitted to Establish the Qualification of Bidders (In "Certified Copy" form only)	<input checked="" type="checkbox"/> Registration of the company Company Registration in KRI (Ministry of Planning), and Renewed ID from Contractor's union and Ministry of Planning. <input checked="" type="checkbox"/> Tax Clearance certificate or support letter for most recent years (2023 or 2024) <input checked="" type="checkbox"/> Company Profile <input checked="" type="checkbox"/> Site Visit Attendance <input checked="" type="checkbox"/> Minimum number of three (3) similar projects undertaken over the past 8 years with copies of contracts or any other evidence [at least 3 projects in Iraq]; <input checked="" type="checkbox"/> The list of company staff <u>with CVs</u> of at least 1 technical person per location (one Civil Engineer with at least 5 years of experience or one Surveyor with at least 5 years of experience).

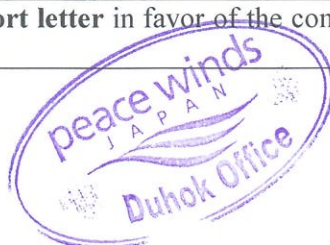




		<ul style="list-style-type: none"> ● For Civil Engineer, also submit graduation certification or ID card from the engineering syndicate. ● For Surveyor, also submit a CV and graduation certification. <p>☑ Present Progress Chart for the project according to the duration of the project.</p> <p>☑ Risk mitigation plan for all three topics, including Security, Safety, and Contingency Plan (Please describe the possible risks, prevention, and mitigation plan).</p> <p>☑ List of machines, equipment at least (3) Machines i). One big dump truck, ii). One Loader, iii) One Roller Compactor with a copy of the vehicle's registration.</p> <p>☑ Latest Audited Financial Statement (Income Statement and Balance Sheet) including Auditor's Report within 1 year (2022) <u>AND</u> latest stamped bank statement within 3 months.</p> <p><u>Only a Construction company or a General contractor with Grades 1 – 5 (MoP classification) can apply.</u> <u>Please note that all the above documents should be included in your technical offer. Should they fail to provide the requested document, then their offer will be disqualified.</u></p>
16	Structure of the Technical Bid and List of Documents to be Submitted	<i>Refer to Section 6, Technical Bid Form</i>
17	Latest Expected date for commencement of Contract	15th January, 2025
18	Maximum Expected duration of contract	27th of March, 2025

Mandatory pre-qualification criteria

No.	Criteria	Marks
1	Registration of the company Company Registration in KRI (Ministry of Planning) and Renewed ID from Contractor's Union and Ministry of Planning.	Pass/Fail
2	Tax clearance certificate or Support letter in favor of the company for the year (2023 or 2024).	Pass/Fail





3	Company Profile	Pass/Fail
4	Site visit – attendance of site visit (Technical person or Manager of the company to be attended)	Pass/Fail

Scoring Criteria for the Technical Evaluation

For the details of the required documents and criteria, please see the previous pages.

No.	Criteria	Marks
1	Expertise in Firm/Organization - Previous Work Experience	15
2	Management Structure and Key Personnel The list of company staff with the CV of at least 1 technical person per location (one Civil Engineer with at least 5 years of experience or one Surveyor with at least 5 years of experience) including submission of CV and graduation certificates.	9
3	Implementation Plan - Work Plan (Progress Chart) for the project according to the duration of the project.	10
4	Risk Mitigation Plan (Safety Requirement, Security plan, and Contingency plan) during implementation.	11
5	List of machines, equipment at least (3) Machines i). One big dump truck, ii). One Loader, iii) One Roller Compactor with a copy of the vehicle's registration	3
6	Financial Capacity - Latest Audited Financial Statement (Income Statement and Balance Sheet) including Auditor's Report within 1 year (2022) and the latest stamped bank statement within three statements.	12

To be technically qualified and eligible for financial evaluation, bidders must qualify for the mandatory criteria from serial 1 to 4 and also score from serial 1 to 6 at a minimum of 42 marks (out of 60).





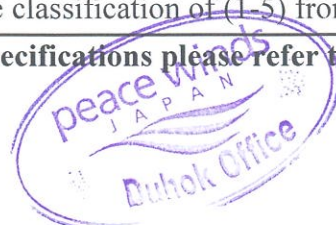
Section 3: Schedule of Requirements and Technical Specifications

Establishment of Workshops and Tool service centers in Shariya and Sheikhan IDP Camps / Duhok governorate

General Technical Specifications:

1	All the work items should be done according to IRAQI General Technical Specifications (IGTS) that complies with ACI-Code 2005 applied according to the instructions of the supervisor Engineer.
2	All materials must be NEW from a very good type preferred to be (European, Taiwan, Thailand, Malaysian, or Turkish made) and to be approved by the PWJ technical team prior to project starting.
3	All construction materials should be tested according to Construction Works Specification by NCCL (1981 edition), and (ASTM) specifications for construction materials.
4	The contractor Shall provide samples for all materials to be used in the project prior to using them in order to get approval from the PWJ technical team.
5	All samples required to read barcode reader (QR and barcode scanner) and to have ISO certificate otherwise will be refused by the technical team.
6	It is the duty of the contractor to check the designs for accuracy and adequacy, otherwise the Employer will take no risk of the contractors' failure to accomplish the work.
7	The contractor shall provide all required manpower, transportation, equipment, tools, machinery ...etc. unless otherwise stated below.
8	In case of any difference between the BOQ, designs and/or drawings; the instruction of the PWJ technical team will govern.
9	After all works are finished the site must be cleaned from all debris and neglected materials must be dumped in places designated by the municipality, and the contractor will be responsible for rectifying any damage in any parts of previous projects inside camp such as roads, electrical, water, and open channel. etc., during project duration,
10	The project shall include supply of materials, labors, equipment, machines, transportation, safety requirements in the site, etc. for implementing each Items.
11	Supplier/Vendor must comply with US Government regulations, and is not suspended or debarred from receiving US Federal funds, as well as not listed on SAM Exclusion (www.sam.gov) and on the UN list of suspended vendors.
12	The supplier must employ a permanent Civil Engineer or Surveyor for the supervision of the project.
13	The supplier should not request any additional amount in case of construction works increase up to 20% from the total amount.
14	Joint ventures between companies are not allowed.
15	The physical measurement on site will be calculated for the payment.
16	The project shall include supply safety requirements like (vest, helmet, safety shoes, safety glasses, safety signage tape, other safety requirements as requested for all contractors' staff and field office.
17	The supplier shall provide and fix one signboard per location (Sticker with Aluminum panel base) according to the attached design.
18	<p><u>The winner company only</u> must provide the following technical documents before signing the contract.</p> <ul style="list-style-type: none"> a. A valid company registration certificate. b. A latest tax clearance certificate. c. Latest bank statement of the company, the minimum balance should be 20% of the contract amount. d. Authorized person's name and a copy of authorized person's ID etc. e. a Valid Company classification ID with the classification of (1-5) from the Ministry of planning.

For the Schedule of Requirements and Technical Specifications please refer to Section 8





Section 4: Bid Submission Form

(This should be written in the Letterhead of the Bidder. Except for indicated fields, no changes may be made in this template.)

..... Governorate, Iraq
/ /2025

To:

Dear Sir/Madam:

We, the undersigned, hereby offer to supply the goods and related services required for _____ in accordance with your Invitation to Bid dated..... We are hereby submitting our Bid, which includes the Technical Bid and Price Schedule.

We hereby declare that:

- a) All the information and statements made in this Bid are true and we accept that any misrepresentation contained in it may lead to our disqualification;
- b) We have no outstanding bankruptcy or pending litigation or any legal action that could impair our operation as a going concern; and
- c) We do not employ, nor anticipate employing, any person who is or was recently employed by PWJ.

We confirm that we have read, understood and hereby fully accept the Schedule of Requirements and Technical Specifications describing the duties and responsibilities required of us in this RFP, and the General Terms and Conditions of PWJ for this RFP.

We agree to abide by this Bid for 130 calendar days.

We undertake, if our Bid is accepted, to initiate the supply of goods and provision of related services not later than the date indicated in the Data Sheet.

We fully understand and recognize that PWJ is not bound to accept this Bid that we shall bear all costs associated with its preparation and submission, and that PWJ will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the evaluation.

We remain,

Yours sincerely,

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Firm: _____

Contact Details: _____





Section 6: Technical Bid Form¹¹

Establishment of Workshops and Tool service center in Shariya and Sheikhan IDP Camps / Duhok governorate

Name of Bidding Company / Firm:	
Country of Registration:	
Name of Contact Person for this Bid:	
Address:	
Phone / Fax:	
Email:	

SECTION 1: EXPERTISE OF FIRM/ ORGANISATION

This section should fully explain the Bidder's resources in terms of personnel and facilities necessary for the performance of this requirement.

1.1 Brief Description of Bidder as an Entity: Provide a brief description of the organization/firm submitting the Bid, its legal mandates/authorized business activities, the year and country of incorporation, and approximate annual budget, etc. Include reference to reputation, or any history of litigation and arbitration in which the organization/firm has been involved that could adversely affect or impact the delivery of goods and/or performance of related services, indicating the status/result of such litigation/arbitration.

1.2. Financial Capacity: Based on the latest Audited Financial Statement (Income Statement and Balance Sheet) describe the financial capacity (liquidity, stand-by credit lines, etc.) of the bidder to engage in the contract. Include any indication of credit rating, industry rating, etc.

1.3. Track Record and Experiences: Provide the following information regarding corporate experience within at least the last (8) years which is related or relevant to those required for this Contract.

Name of project	Client	Contract Value	Period of activity	Types of activities undertaken	Status or Date Completed	References Contact Details (Name, Phone, Email)

¹¹ Technical Bids not submitted in this format may be rejected.









SECTION 2: PERSONNEL

2.1 Management Structure: Describe the overall management approach toward planning and implementing the contract. Include an organization chart for the management of the contract, if awarded.

2.2 Staff Time Allocation: Provide a spreadsheet that will be included to show the activities of each personnel involved in the implementation of the contract. Where the expertise of the personnel is critical to the success of the contract, PWJ will not allow the substitution of personnel whose qualifications have been reviewed and accepted during the bid evaluation. (If substitution of such personnel is unavoidable, substitution or replacement will be subject to the approval of PWJ. No increase in costs will be considered as a result of any substitution).

2.3 Qualifications of Key Personnel. Provide the CVs for key personnel (Engineer, Overseer, or any technical staff) that will be provided to support the implementation of this project. CVs should demonstrate qualifications in the area of expertise relevant to the Contract. Please use the format below:

Name:		
Role in Contract Implementation:		
Nationality:		
Contact information:		
Countries of Relevant Work Experience:		
Language Skills:		
Education and other Qualifications:		
Summary of Experience:		
Relevant Experience (From most recent):		
Period: From – To	Name of activity/ Project/ funding organization, if applicable:	Job Title and Activities undertaken/Description of actual role performed:
References (minimum of 3):	<i>Name</i> <i>Designation</i> <i>Organization</i>	





		<i>Contact Information – Address; Phone; Email; etc.</i>
Declaration: I confirm my intention to serve in the stated position and present availability to serve for the term of the proposed contract. I also understand that any willful misstatement described above may lead to my disqualification, before or during my engagement. <hr/>		
Signature of the Nominated Team Leader/Member		Date Signed
<hr/>		



Section 7: General Terms and Conditions of Services

1. The supplier has the responsibility for securing materials from any source according to standards, for this purpose certified materials should be provided according to G.I.S standards.
2. The supplier must provide the best materials according to the certifications from the concerned laboratories based on G.I.S standards. The supplier will bear all expenses related to laboratory tests as and when required.
3. All construction materials should pass through a general test done by the Directorate of Construction Materials Laboratory.
4. The supplier will be responsible for the technical specifications of the project under the direct supervision of the PWJ Country Representative and engineers.
5. The monitoring/ supervision committee which consists of the PWJ Country Representative, Senior Engineer, and Supervisor Engineer has complete authority to provide the supplier with plans and additional instructions that are necessary for implementing the work correctly and efficiently, and the supplier must carry out and undertake it.
6. The supplier must not supply any item without approval from the monitoring/supervision committee. The supplier should provide a construction work plan.
7. The materials should be supplied to the project site at least one week before the construction works.
8. The supplier must not request any additional amount due to the fluctuation in the exchange rate of the US dollar against Iraqi dinars or prices of construction materials.
9. The supplier should rectify any fault or damage of any item/function even after delivery and hand over the project within the implementation period.
10. The supplier will pay a penalty of delay of 1% of the contract amount per day. In case of delay without a written agreement, the amount of penalty of delay shall be deducted from the final payment.
11. The payments shall be made in **IQD** by cheque made payable to the name of the company of the successful bidder. Payment will not be made in the name of an individual.
12. PWJ shall not be subjected to responsibility for any legal obligations related to any accidents that happened in the course of implementing the project to any staff employed by the supplier.
13. The supplier must not employ workers under 18 years old according to the International Convention on the Rights of the Child. The supplier is encouraged to employ local skilled and unskilled laborers from the target camps/areas because the project aims to support people of need.

14. The supplier shall abide by all the rules, other, instructions, and decisions issued from the local or legal authorities.
15. The supplier is responsible for providing a warranty period for the branded items/equipment.
16. The supplier must employ a permanent Civil Engineer or Surveyor, the company team must not be changed without PWJ approval where needed for the supervision of the project.
17. PWJ has the right to request the supplier to change the technical team including the above-mentioned Civil Engineer or Surveyor the supplier.
18. The bid is to be submitted in **Blue color pen**.
19. In case of any errors, a **correction pen should not be used**. Should there be any discrepancies between the total amount and price multiplied by the unit rate, then the unit rate will prevail.
20. All papers should be signed and stamped by the company.
21. **All documents except for the Bill of Quantities (BoQ) are to be submitted in the Technical envelope, while only priced (BoQ) is to be submitted in the financial envelope.**
22. The selected company must provide a performance bond equivalent to 3% of the total contract value. The bank guarantee or cheque made “good for payment” should be made in the name of PWJ.
23. For the companies that apply for the two announced projects in parallel (i.e. IRQDHK/PWJ-PRM-7/RFP/001 and IRQDHK/PWJ-PRM-7/RFP/002), the list of company staff per location and the list of machines **must not be duplicated** and the financial capacity of the company **must be proved as higher than the total of required minimum amounts of both projects** stated in *Section 3: Schedule of Requirements and Technical Specifications No. 18-c*.





Section 8: Bill of Quantities (Price schedule) for:

Establishment of Workshops and Tool service centers in Shariya and Sheikhan IDP Camps / Duhok governorate

Establishment of Tool service center and workshop with all required materials, disposable materials, devices, tools, Furniture and equipment / Shariya IDP camp					
No.	Description	Unit	Quantity	Unit Price (IQD)	Total Amount (IQD)
1) Civil Works					
1	Site Preparation: Provide materials and machines for grading, leveling and removing top soil not less than 15 cm, install bench marks and control points in two directions at the site. The work includes to demolish of any existing structure or building as well as existing concrete floor, remove the existing fence if any , cut for any depth required by location and lifting all debris outside the camp to the site located by municipality with all requirements of work. Laying sub-base materials crush stone one layer should not exceed 20 cm with good compaction not less than 98% , also the work include the road work (earth work & laying one layer of crush stone with good compaction not less than 98%) that connecting workshop with main road in the camp , according to the drawings, specifications and instructions of site engineer .	M ²	640		



2	<p>Concrete works for floors (with BRC): Provide materials and divide the area of concreting by lining RHS (Rectangular Hollow steel 10*5 cm) with levelling and casting the floor by ordinary concrete class (c) ,21 MPA, 15 cm thickness, a layer of BRC size (15x15 cm), 6 mm diameter, using thick white nylon under concrete, making concrete joints 3x3m & 5cm depth with filling the joint by suitable materials, with the upper surface smoothened using (Copter machine) with all necessary works, the work include fixing the iron plates for iron columns and PVC pipes for rain drain pipe points with consideration reasonable slope for water according to the specifications and instructions of site engineer.</p>	M ²	500		
3	<p>Concrete works for retaining wall (ordinary concrete): Provide materials, machine and labors for casting the foundations of the retaining wall in case of having difference in level by ordinary concrete class (c) ,21 mpa, 20 cm thickness, using white nylon under concrete, the work includes excavation works from (0.6-1)m width, 60 cm depth at least (minimum) with all necessary works and according to the drawings ,specifications and instructions of site engineer.</p>	M ³	12		
4	<p>Masonry works: Provide materials and labors to build a retaining wall using solid concrete blocks of 15*20*40 cm with cement mortar 1:3 at least 40 cm width or may be 60 to 80 cm width to the required height according to the nature of the land (the contractor has to make a site survey to check the natural ground elevations) with all work requirements including placing drainage pipes from PVC 2.5" every 1 m,</p>	M ³	24		





	including filter behind the retaining wall by using graded gravel ,joint each 6 m using Styrofoam 2.5 cm thick. , cement plastering both sides, a primer layer with two layers of a water proofing paint choosing one of best type, according to drawings, specifications and instructions of site engineer.				
5	Floor works : Supply materials , man power , tools , for laying the floor of the workshop by good quality of iron checker plates thickness not less than 3mm for the floor and skirting with height 10cm over layer or SHS (5*5)cm 2mm thicker 50cm C/C both direction ,as iron checker sheets must be painted by one layer of antirust paint and two layers of oil paint are moisture and water-resistant by filling all joints with silicon with all requirements of work according to the drawings , specifications and instructions of site engineer.	M ²	142		





6	<p>Prefab workshop: using approved good quality 10 cm thick Sandwich panels (8.5--10 kg/m²) (fire resistance) for walls and for roof is normal sandwich panel to be fixed with approved water proof screws not more than 25 cm c/c in the roof , the frame from SHS steel pipe (100x100x3) mm for (Base ,columns, beams and door frame). strengthening the base with two pipe of (100*50*3) mm in short direction and strengthening the roof according to the attached drawings using pipes of (100*100*3) mm and pipes of (100*50*3) mm as well as truss frames and fix the Sandwich panel with iron RHS for walls , Use U shape galvanized (40X100X40X2) mm to fix around the windows & ventilation fan opening points within sandwich panels , end points ,the work include fixing iron plate (0.8m*15.2m)2mm for the roof cover path parts of sandwich panels and 200*200*5 mm in the floor concrete for columns fixing points .The work shall include all necessary related interventions such as; welding (screwing), a layer of good antirust paint and two layers of oil paint choosing one of best type of oil paint for the steel structure of the workshop, ... etc. All works should be done according to the drawings , instructions of site engineer and work specifications attached . Note: the unit price include only sandwich panel area and does not include open areas like; windows, doors , The whole structure should be rain water proof and supplied with rain water flow ducts and pipes (around all the side of prefabricated building).There should be no sharp or pointed edges to be harmful for people whether from inside or</p>	M ²	450	
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	<p>outside of the prefabricated workshop. The workshop should be isolated from both hot and cold ambient air and all joints should be sealed with silicon paste to fill the openings or any other means during construction. All inside corners (floor, walls and ceiling) should be covered with PVC edge band plastic profile in case of install sandwich panels inside cabinet structure and for the cabinet bases outside, galvanized sheet in case of install sandwich panels outside cabinet structure.</p>				
7	<p>Iron gutter channel : Providing and installation a gutter from iron galvanized with thickness (1.5) mm, Total width of raw plate 85cm , giving the width of gutter 20 cm and depth 20 ,40,cm with using (4X8)cm 2mm' steel square pipes as welded arm support along with the gutter , installing three numbers of 4" PVC drainage pipes for every 7 m longitudinal length of the gutter according to the drawings, work specifications , instructions of supervising engineer.</p>	M.L	45		



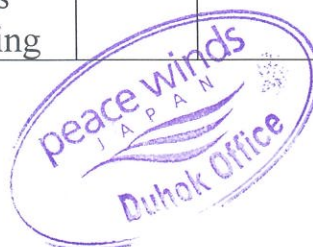


8	<p>Shade works : Supply materials and laborer's for installation of the iron shade Area using approved good type corrugated sheet 0.6 mm thickness , at least 0.5m under the sandwich panels roof overlap to be fixed with approved water proof screws not more than 25 cm c/c using SHS steel pipes (100x100x3) mm as main bracings with top plate (150*150*5)mm (spacing C/C of 3 m) between the columns , and using (100x50x3)mm RHS steel pipes of height 3.0 m as column supports 3m c/c, and rectangular steel pipes of RHS (80*40*3) mm as lateral bracings (tarahee) 80 cm c/c for the shade fixed on suitable base plate with approved water proof screws and weld the shade supports professionally to the steel frame pipes of the room when required and all ends of hollow steel pipes should be covered by suitable plate or plastic cover to prevent rust with fixing iron plate (0.8m*7m)2mm for the roof cover path parts of iron sheets,the work include fixing iron plate 200*200*5 mm in the floor concrete for columns fixing points . whole structure should be rain water proof and supplied with rain water flow ducts and pipes (around all the shade area) the work includes painting the frame of steel structure by good approved anti rust paint choosing one of best these type & two layers of oil paint Good approved paint choosing one of best types , the last layer to be after completion with all work requirements according to the drawings ,Work specifications and instructions of site engineer.</p>	M ²	140	
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9	<p>Fence (American type): Excavation for the foundation of main columns base and casting by concrete with dimensions of (40 x 40) cm, depth (45) cm within retaining wall , the columns should be (40) cm inside the concrete foundation, constructing columns with dimensions of SHS steel pipes (80x80x4) mm ,2.5 m high , 2.2 m C/C ,installation and fixing the American iron B.R.C of (2 m) height, openings (8x8) cm 5 mm dia, fixing the BRC fence by square steel pipes (circumference + cross section)(1.25"*1.25") 2mm thickness to strengthen the fence. The cost includes fixing and installation by welding from up to bottom of the column with all necessary required materials and all iron parts must be painted by one layer of antirust paint and two layers of oil paint , the work includes fixing 3 lines of barebed wire fence above the top fence ,All the works should be done according to the drawings and instructions of site engineer.</p>	M.I	105		
10	<p>Main Sliding Gate: Providing materials & erecting main gate sliding 4m.l and single gate of 1m and for both (2 m) height, from steel tube 80*40*2 mm thick, two cross section from pipe 80*40*2 mm for strengthening the door, iron BRC 8x8cm, 5 mm dia., steel Column (80x80x3)mm, 2m height, with conc. Foundation 40x40x45cm, movable jamb from pipe 3", 3mm thickness, all iron parts must be painted by one layer of antirust paint and two layers of oil paint with all work requirements, accessories (welding points , iron tires with gate iron sliding base ,iron locks ,,,etc.) and necessary fittings according</p>	M.L	10		





	to the drawings, and instructions of site engineer.				
11	Steel Door: provide and install steel door with steel frame and needed accessories; door lock, 18 cm size good handle , using 1" steel square 2mm pipes to construct the door's internal sculpture frame and two 1" pipes in the middle of the door for strength Reliability and using steel plates of gauge 20 for both faces of the door all with proper welding and proper use of isolation material inside the door and painted by one layer of antirust paint and two layers of oil paint , and use 1.5" steel angles of thickness 4mm to Establish the External fixed frame of the door, according to the instructions of the supervising Engineer.	M ²	7.00		
12	PVC DOOR (2x1m): The work include providing and fixing reinforced PVC door with standard cross section dimension thickness not less than (1.65mm to 2mm) suitable for doors and using galvanized iron U section for inside, with thickness not less than (0.8 mm) with dimension of (2.0x1.0m), the price includes supplying and fixing of all required accessories locks, hinges, etc...	M ²	6.00		
13	Aluminum window: provide materials and install Aluminum window sliding type (1.5 mm thick) width (6--8)cm with double glasses(4 mm) with insect proof Aluminum wire mesh for openings with	M ²	14.00		



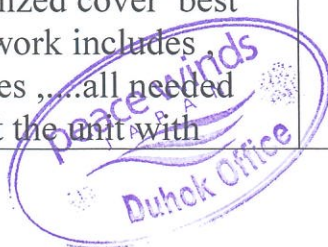


	all work requirements and necessary accessories and fittings according to instructions of site engineer.				
14	Window Security Grills : Supply materials and install protection grills made by steel wire mesh (30*30*3)mm welded over steel frame made of RHS section (20x20x2) mm and for mid span (as a cross) for fixing the wire mesh and painted by one layer of an anti rust paint and two layers of oil paint (Asia or Marjan) according to drawings & instructions of the site Engineer.	M ²	15.00		
15	Zebra Curtains for the windows: Supply and install Good Type Turkish zebra curtains with all work requirements and necessary fittings and accessories.	M ²	18.00		
16	Eastern toilets: Provide and installing (eastern) toilets white color approved types with siphon box include single gear mixer and squirt gun, the work includes covers , good approved quality of pvc. pipes 4 in, ppr. 3/4 in , gulls , valves , any other accessories , installing the connecting units with the water tank and also connect the unit with septic tank , according to the drawings , specifications and instructions of site engineer.	NO.	1.00		
17	Western toilets: Provide and installing (western) toilets for disability PWD white color approved types with siphon box , include manhole with dimensions 30*30 cm , covers and Aluminum grab bar support inside the toilet and make a iron ramp to facilitate the handicap to enter the toilet in front of the door and the work includes good approved quality of pvc. pipes 4 in, ppr. 3/4 in , gulls , valves , any other accessories	NO.	1.00		





	including gear mixer, installing the connecting units with the water tank and also connect the unit with septic tank according to the drawings , the work specifications and instructions of site engineer.				
18	Connection to Water Supply Network: Connect the facility with the main source of water using PPR pipes (3/4)" dia. good approved quality ,The work includes excavation of trench (30x70 cm.), covering pipes by (10) cm clean sand, backfilling with all fitting and necessary works . The work also includes repairing asphalt or concrete pavement by 10cm concrete when deemed necessary.	ML	40.00		
19	Wash basin: Provide and installing wash basin with gear mixers best white color types . the work includes cold & hot water , ppr pipes 3/4 , pvc pipes 2.5 in., gullies ,valves , tape,. Drain galvanized cover ..all needed accessories ,manholes 30x30 cm , installing and connecting units with the water tank and to discharge waste water to outside unit using PVC pipes of (4) inches to the outside the building according to the drawings , specifications and instructions of site engineer.	No.	1.00		
20	water boiler : Supply and install water boiler 180 liter capacity for admin. section (W.C facilities) the work shall include all the necessary fittings (3/4" steel galvanized pipes for hot and cold water sit wolf ,connections to water tank system with all necessary requirements of pipes and fittings .	No.	1.00		
21	Floor drain points : Provide and installing drain galvanized cover best type 15x15 cm . the work includes pvc pipes 4 in. , ,gullies ,....all needed accessories , connect the unit with	No.	1.00		



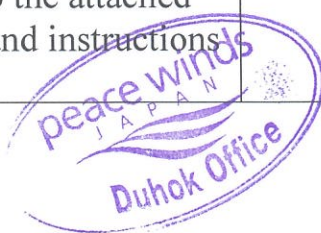


	septic tank according to the drawings , specifications and instructions of site engineer.				
22	Septic tank & Cesspool: Provide materials & erecting septic tank with cesspools each of 120 cm inner diameter for black water . the work includes excavation and drilling the cesspool 1.2 m diameter , putting cylinder reinforcing concrete pipes 90 cm clear diameter without holes for ST and with at least 4 holes in concrete cylinder sides , 12cm thick, for CP concrete pipes Joints to be filled with cement mortar 1:3 , casting the roof by pre cast reinforced concrete 10 cm thick. Steel bars 10 mm @ 15 cm c/c , other work required , PVC pipe for cover and galvanized manholes cover 15x15 cm. the Price includes provide crushed stone or gravel to the base of concrete pipes (15 cm) thickness with surrounding areas and connections to manholes and septic tank with all requirements of work and according to the drawings , specifications and instructions of site engineer.	M.L	5.00		
23	Water tank: Supply and install HDPE tank with capacity (1.5 m ³) 5mm thickness on a suitable base Height 3.0 m (as per Necessary) according to the dwarfing and designs connecting it with main water source, the work also includes using galvanized pipes for the inlet, outlet, over flow and washing both hot and cold water with all other work requirements as requested by engineer also to provide good water pump booster size 3/4 in. according to specifications and instructions of site engineer.	No	1		





24	Portable Ramp: Provide portable ramp using aluminum checkered plate (4 mm thick) for the cover with all work requirements including accessories and fittings according to attached drawings, specifications and instructions of supervising engineer,	M ²	5.00		
25	Floor handrail: Provision and install of floor handrail using Metal square pipes of (50*50) mm (2 mm thick) for the main support (Newel post) every 2 m C/C maximum and for the required places (start point, changing direction and end point), Metal circular pipes of (48--50) mm diameter (2 mm thick) for the top railing supports and to be extended in the front side, Metal square pipes of (50*20) mm (2 mm thick) for the middle railing supports top and bottom , Metal square pipes of (25*25*2) mm for the secondary supports (Baluster) every 50 cm C/C from bottom to middle railing with all work requirements including fittings plastic covers for iron ends and other required accessories and painting of pipes by one layer of anti-rust paint and two layers of oil paint (Blue color) according to the drawings and instructions of supervisor engineer.	M.L	6		
26	Iron gutter Cover : Supply materials and install iron gutter cover with width 60--120)cm and length 1.25m for open channels using Metal checkered plate (6 mm thick) be strengthened by iron rectangular bar of (8x8) mm, 20 cm C/C , the work includes provide bolts (8 anchors and 8 bolts of 10 cm), painting with anti rust & oil paint with all work requirements according to the attached drawings, specifications and instructions of supervising engineer.	M ²	3.00		





27	Dropped ceiling: Provide materials and fix gypsum false ceiling (best approved quality) (60*60) cm for the rooms and fix Plastic false ceiling (best approved quality) (60*60) cm for W.C facilities, . The price includes fixing galvanized steel rod 3mm dia (38mm-beams) every 105-120 cm for short directions and 60cm for long direction with fixing square steel pipes (25x25*2) mm as a bridge every 120 cm to be welded with the RHS pipes of the roof to fix the (38 mm -beams) by bolt and nut (Farasha) with all necessary works according to the specifications and instructions of site engineer.	M ²	140		
28	OPEN CHANNEL WORKS (0.6 m width): Provide the materials and machines for Excavation work of a trench of (30x80) cms for all crossing road points or any required place ,the work include ,removing the damaged existed open channel ,excavation the trench and casting by ordinary concrete 210 kg/cm ² ,0.6m width , 20 cm thickness , using BRC (15*15) cm , 6 mm thickness above a layer of approved subbase 10 cm thickness , and according to the attached drawing and instructions of the Supervisor Engineer.	M,L	96		
Sub-total 1					
2) Electrical Works					
1	Twist cable : Supply, install and connect to the best Jordanian twist cable of (3x50 +35 mm ²) Jordanian made or equivalent. Including labor cost.	M.L	50		
2	Iron board: Supply materials, install iron board for generator with stand iron pipe and plate to be fixed inside concrete and three circuit breakers of 63 A to be	No.	1		

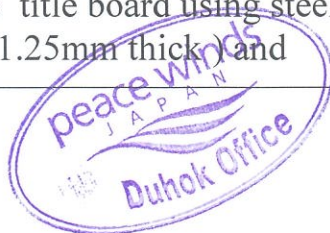


	connected with main distribution board according to specifications and instructions of Electrical engineer.				
3	Outdoor Projector Light / LED flood light, SR2FL240W including rectangular iron pipes of (100*100*3) mm, 4 m height. The work includes, installing photocell, excavating cable line with 50cm depth in PVC pipes with cable 4x4mm ² .	No.	4		
4	Small Iron distribution board: Supply materials, install and test a circuit breaker 8 line LEGRAND type with main circuit breakers 63 A (Three pole) and three circuit breakers of 63 A to be connected with main distribution board according to specifications and instructions of Electrical engineer.	No.	1		
5	Provide and install ceiling lamp: False Ceiling, LED 18 watt , BG brand or Malaysian (KHIND) type including wires and switches according to the instructions of site engineer.	No.	26		
6	Provide and install outdoor wall mounted lamp, BG brand or Malaysian LED 18 W (KHIND) type controlled by photocell in multi stages according to required locations in the main board according to instructions of Electrical engineer.	No.	14		
7	16 A Switched Socket Outlet point : (BG,HK, MK, Panasonic or Legrand) brand, Supply, install and connect of points shall include PVC conduits or trunks, wire 4x2.5mm ² leads or cables. سویچ پلاک	No.	23		
8	Supply, install and connect industrial socket (BG,HK, MK, Panasonic or Legrand) brand, Cost of points shall include PVC conduits or trunks, wire 4x2.5mm ² leads or cables.	No.	8		



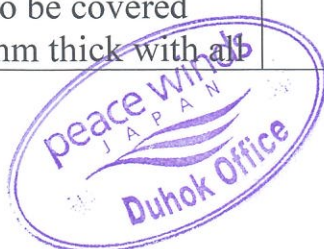


9	Provide and install ventilation/exhaust fan (12)" (Panasonic or KHIND Malaysia) for the workshop, price shall include wires and switches according to instructions of site engineer.	No.	6		
10	Provide and install ventilation/exhaust fan (6)" (Panasonic or KHIND Malaysia) for the workshop, price shall include wires and switches according to instructions of site engineer.	No.	1		
11	provide and install ceiling fans (Panasonic or KHIND , made in Malaysia), price shall include wires and switches according to instructions of site engineer.	No.	12		
12	provide and install A/C units (2 ton), good type available in market with suitable iron base and box fixed on the ground , all AC cables, wires, and water host should be placed inside PVC conduits to reduce whether effect, according to instructions of site engineer.	No.	6		
13	Supply earthing materials (USA-Made) and install available earth system (Delta-Connection) for the playroom and in-patient ward according to the specifications and instructions of electrical engineer using three pure copper rods (1.5 m) length and wires 1*50mm2 with excavation (depth 1.7m), diameter 18 mm the price includes copper bar conductor 1*50mm2 and all accessories to complete this Item.	No.	1		
Sub-Total 2					
3) Supply of Materials for the workshop and tool center					
1	Title board: Providing materials and fixing workshop title board using steel sheet (1mx2mx1.25mm thick) and	No.	2		





	using steel pipe (1"x1") for the Frame of the Title Board . The price includes bracing, painting the board with one layer primary coating , three layer best oil paint, and writing using best oil paint. The price include installing Kurdistan flag by using a galvanize pipe 1 inch and 2m high.				
2	Iron cupboard cabinet: Supply, delivery and assembly of steel cabinet with 6 shelves according to instructions of supervising engineer.	No.	4		
3	Office desk: Supply steel desk for admin having Length 140 cm according to instructions of site engineer.	No.	3		
4	Movable Chair: Supply movable chair for admin having Length according to instructions of site engineer.	No.	3		
5	Fire Extinguisher: Supply and install Fire extinguisher 6 kg full powder Germany made with suitable box with years of Guarantee.	No.	4		
6	First Aid Kit: Supply and install best type of First aid kit with full supply of First aid requirements.	No.	2		
7	Plastic trash bin : Supply plastic trash can (650 Liter)according to instructions of site engineer .	No.	1		
8	Plastic trash bin : Supply plastic trash can (350 Liter)according to instructions of site engineer .	No.	2		
9	Water cooler & heater : supply and install water cooler & heater new digital (RAMCO / Syrian brand)	No.	2		
10	Provide and install steel platform (2.0x1.25) m using angle iron(3"x3") 3mm thick with one cross section in short direction with four steel stands of (10x10)cm 3 mm thick to be covered with checkered plate 4 mm thick with all	No.	3		



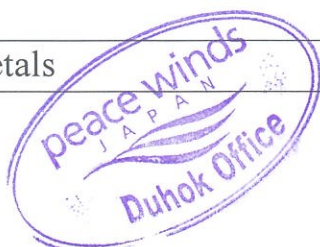


	work requirements including anti rust paint and two oil paint.				
	Provide and install all required equipment for the workshop (best type and brand available in local market consists of .	L.S			
	Steel bench vice with base	1pcs			
	Fixed big electrical drilling device,	1pcs			
	Electrical drilling device (big and small .)	2No			
	Electrical wire detection tester	2No			
	Fixed electrical saw (Big) for wood	1pcs			
	Knife sharpening machine	1pcs			
	Blacksmith Oaks	1pcs			
	Greaze box .	10 No			
	Fixed iron scissors	1pcs			
	Leather work apron .	10 No			
	Portable welding machine .	5No			
	Air bottle (FULL)	2No			
11	Electrical iron circular saw .	2No	1		
	Mini electrical saw	1pcs			
	Bench drilling stand	1No			
	Manual tube bending machine .	1No			
	Rechargeable screwdriver/drill .	5No			
	Steel C-Clap	4No			
	Iron bending machine	1No			
	Magnetic welding holder	2No			
	Metal cutting grinder	3No			
	Wood cutting grinder	1No			
	Air blower	1No			
	Soldering iron	2No			
	cordless lithium screwdriver	5No			
	Angle grinder	4No			
	Extension stair ladder	1pcs			
	Iron angle	4No			
	Air compressor	1pcs			





	Vibrator wood saw	3No		
	Manual wood upholstery press,	2No		
	Manual wood carving tool	2 Set		
	Perforated mounting base,	2No		
	Magnetic angle	8pcs		
	Wood bending	4No		
	Gas shalmon	2No		
	Electrical spray paint device	2No		
	Hand Revit gun	4No		
	Hand trolley for transporting goods,	1pcs		
	Iron and tube bending machine	1pcs		
	Electrical wood stapler device	2No		
	Wood stapler	10 set		
12	Provide all required supplies for the workshop best type and brand available in local market.	L.S	1	
	Plumbing necessities and tools	2 set		
	Electrical extender	4No		
	screw driver set	1Set		
	Spirit level	1No		
	Painting spray	2Dozen		
	Caulking gun, spanner set	1Set		
	Wrench set	3No		
	Ratchet,	1 pcs		
	Pliers	8 pcs		
	Screws	8 pcs		
	Pincers or nippers	8 pcs		
	Wire brush	15 No		
	Wood saw	1No		
	Hack saw (metal)	8No		
	bolts, nails, nuts,plugs different sizes) 2 box of each,, saw,	2box		
	Carbon set	2Set		
	Iron angle tool	1pcs		
	Wire brush set	1 Set		
	Drilling set for metals	1 Set		



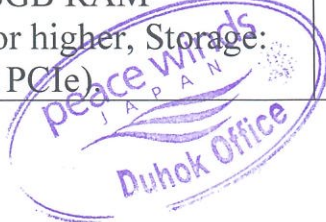


Chalk	10 Dozen		
Measuring tape of (10, 30,50)m	1 Set		
Measuring tape of 5 m	10 No		
Welding goggles set	1 Dozen		
Eyecup set	1 set		
face shield set	1 set		
welding gloves set	50set		
safety gloves set	50set		
Carving chisels	2 set		
Rill bits-set (2 sets)	2 set		
Copper welding set .	5 Box		
Spark plugs key (1 Set)	1 set		
Solder wire-lead (5 No.)	5 No		
Handle automotive screwdriver kit	2 set		
Metal cutting disk 230 mm	50 No		
Metal cutting disk 115 mm	50 No		
Metal cutting disk 355 mm	35 No		
Lamella disk 115 mm	75 No		
Polishing disc	5No		
Medium welding rods	2 set		
Dustpan- broom	2No		
PVC water hose (25 m)	1 No		
Carpenter hammer 1.5 kg	10 No		
Carpenter hammer 2 kg	5No		
Stone hammer 1 kg (5 No.)	5No		
Either gloves	20 pcs		
Gas bottle (full) with its regulator	3No		
Operations coverall (10 sets)	10 Set		
Safety welding glasses black	25 No		
Safety glasses	25 No		
Protective headset	10 No		



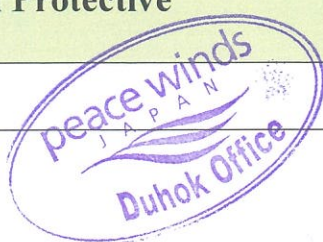


	Spiral level (5 No.)	5 No			
	Metal rack shelving (4 rows of shelves, 2 m length, 2m height, 60cm shelf depth)	6 set			
	Aluminum ladder of 175 cm both sides	2 No			
	Drill bit set for metal	10 No			
	Vice	4No			
	Silicon with silicon gun	20 No			
	Tin can 5 No.,circular iron brush	5 No			
	lash rivet screws	4 set			
	Oxygen welding machine	2 No			
	Copper welding powder	10 No			
	Copper bars	10 Set			
13	whiteboard: Supply, delivery and assembly of Turkish whiteboard Panda brand (1.2*2.4) m according to instructions of site engineer.	No.	2		
14	Data show projector: Supply, test and install data show projector best type available in market with screen and stand, 3500 Illumination full HD, Epson brand include the reflector .	No.	1		
15	Supply plastic chairs: (best type available in market)	No.	20		
16	Motor bike (Tuk-tuk): Provide best type available load motor bike 2WD (Tuk-tuk).	No.	2		
17	Provide good type security camera (5 No. full HD) with DVR of (8 line) and monitor (40 inches)with all required accessories and fittings as requested by Engineer	Set	2		
18	Diesel for generator: Providing diesel for the workshop and tool service generator consuming for one year.	liter	1,000		
19	Laptop : Providing best type available (Processor: Intel Core i5 (8th Generation or newer, Memory: 8GB RAM (Minimum) (DDR4 or higher, Storage: 500GB (SSD or M.2 PCIe).	No	2		



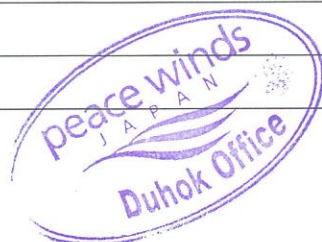


Sub Total 3					
4) Supply of materials for the tool service center , Lot 1 : Basic Toolbox set					
1	Plastic Tool box	pcs	3		
2	Screw driver set	Set	3		
3	Wrench set	SET	3		
4	Allen Wrench set	SET	3		
5	Combination pliers	pcs	4		
6	Side cutter	pcs	4		
7	Cutter knife	pcs	5		
8	Spare cutter blades	BOX	5		
9	Pincers/nippers	pcs	3		
10	Wire brush	pcs	6		
11	Metal file set	SET	3		
12	Wood saw	pcs	3		
13	Metal saw blade	pcs	12		
14	Cup head set tool	pcs	3		
15	Tape measure different length (5 m, 7.5 m and 10 m)	pcs	5		
16	Carpenter hammer	pcs	3		
17	Fitters hammer	pcs	3		
18	Multimeter	pcs	3		
19	Adjustable wrench	Set	3		
20	Electric cleaner	pcs	1		
Sub total 4 Lot 1					
4) Supply of materials for the tool service center , Lot 2 : Personal Protective Equipment					
1	Work jacket	pcs	6		





2	Work trousers	pcs	6		
3	Work vest	pcs	2		
4	Protective gloves	Pair	30		
5	Safety shoes/ safety boots	Pair	6		
6	Ear protection ear plugs	Pair	9		
7	Protective helmet	pcs	11		
8	Protective glasses	pcs	11		
Sub total 4 Lot 2					
4) Supply of materials for the tool service center , Lot 3 : Additional Plumbing Toolbox					
1	Plastic Toolbox	pcs	3		
2	Water pump pliers	pcs	5		
3	Pipe wrench	Set	5		
4	Pipe cutter/ tubing cutter	pcs	3		
5	Pipe cutter	pcs	5		
6	Teflon sealing tape	Roll	20		
Sub total 4 Lot 3					
5) Supply of materials for the tool service center , Lot 4 : Additional Ground Work Tools					
1	Shovel	pcs	8		
2	Pick hoe/ pickaxe	pcs	5		
3	Spade shovel	pcs	6		
4	Push broom/ brush broom	pcs	2		
5	Wheelbarrow	pcs	8		
6	Rubber bucket 20L	Set	3		
7	Stone hammer 1 kg	pcs	3		
8	Chisel flat/ mason chisel 25mm	pcs	3		
9	Pointed chisel	pcs	3		
10	Rose brick trowel	pcs	3		
11	Spirit level 100cm	pcs	4		





12	Sledgehammer	pcs	5		
13	Bolt cutter	pcs	3		
14	Crowbar	pcs	3		
15	Ladder 150cm	pcs	1		
16	Wheel hand trolley	pcs	6		
17	cutting disk (115, 230 and 355) mm	pcs	20		

Sub total 4 Lot 4

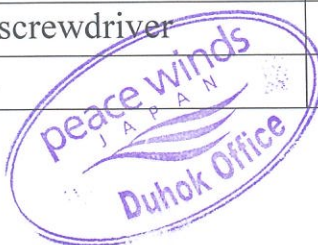
4) Supply of materials for the tool service center , Lot 5 : Electrical Generator

1	(16 A)Electrical generator	pcs	2		
2	(Iron) Fuel canister	pcs	1		
3	Funnel	pcs	1		
4	Spark plugs key	pcs	1		
5	Air filter replacement	pcs	3		
6	Extension cord	pcs	3		
7	Box for accessories	pcs	1		
8	Fire extinguisher	pcs	1		
9	First aid kit	pcs	1		

Sub total 4 Lot 5

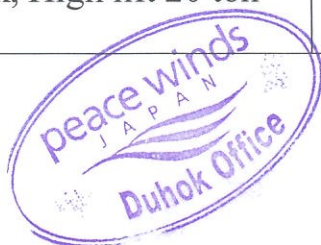
4) Supply of materials for the tool service center , Lot 6 : Drilling and Hammer Drilling

1	Drill hammer	pcs	5		
2	Heavy duty hammer drill	pcs	3		
3	Drill bit set for concrete	SET	3		
4	wooden stand	pcs	2		
5	Drill chuck adapter	pcs	2		
6	Grease	pcs	3		
7	Demolition hammer	pcs	5		
8	Flat chisel	pcs	5		
9	Point chisel	pcs	5		
10	Protective glasses/ safety goggles	pcs	4		
11	Cordless lithium-ion screwdriver	pcs	6		
12	Drill bit set for metal	SET	5		





Sub total 4 Lot 6				
4) Supply of materials for the tool service center , Lot 7 : Cut-off grinding and welding				
1	Angle grinder	pcs	9	
2	Cutting disk, metal, 115 mm, 230 mm and 355 mm	pcs	50	
3	Scrub disk mm 115 mm	pcs	10	
4	Metal cut off grinder	pcs	3	
5	Electronic welding machine	pcs	7	
6	Welding googles	Set	12	
7	Welding rods medium	PAC K	5	
8	Pipe welding machine	PC	4	
Sub total 4 Lot 7				
4) Supply of materials for the tool service center , Lot 8 : Additional tools				
1	Set of Iron rods for cleaning drains and closed sewers, 15 meter length	pcs	1	
2	Screw driver (Micro) using for cellphone repairing)	set	4	
3	Voltage tester	pcs	6	
4	Solid Pipe sewage cleaning, 7-10 meter length	pcs	3	
5	Tile Cutter "Ceramic tile" cutting machine, 60cm	pcs	3	
6	Plastic hammer for tile ceramic works	pcs	2	
7	Saw machine,	pcs	1	
8	Gasoline water pump, 3 inch	pcs	1	
9	Accessories tool box, 100-120 item piece	pcs	1	
10	Electric hot melting silicone glue gun	pcs	1	
11	Silicon wax	pcs	3	
12	Hand riveter "Revit Gun"	pcs	2	
13	Extension stair ladder, 6 meter	pcs	1	
14	Hydraulic Bottle Jack, High lift 20 ton capacity	pcs	1	





15	Handle automotive screwdriver kit	pcs	1		
16	Hand lubricated, 0.5 litter	pcs	1		
17	Stainless steel plastering shovel, 13*5 inch	pcs	3		
18	Pruning shear cutter	pcs	2		
19	Garden package tool set (Ground comb, paddle and scythe)	set	3		
20	Grass cutter knife handle	No	5		
21	Grass cutter electrical (handle)	No	4		
22	Carpet cleaner Machin (trolley)	No	2		

Sub total 4 Lot 8

4) Supply of materials for the tool service center , Lot 9 : Maintenance tools

1	Electrical cable 2.5mm, 3 core	Meter	100		
2	Electrical cable 1.5mm, 3 core 1.5mm	Meter	50		
3	UPS output connector	pcs	2		
4	1 way electrical rubber connector	pcs	6		
5	Hole Saw Cutting Set Kit Drilling Tool Wood	pcs	2		
6	Wooden broom handle	pcs	6		
7	Wooden shovel handle good quality	pcs	9		
8	Iron angle	pcs	2		
9	Screw driver	pcs	2		
10	Electrical cable cutter (Yellow)	pcs	3		
11	Plastic host for the water 3 inches	m.l	1		
12	Protective gloves	Pair	10		
13	Soldering iron	pcs	1		
14	American pliers	pcs	1		
15	Pliers sakaman	pcs	1		
16	Electrical wires peeler	pcs	3		





17	Melt saw	pcs	1		
18	Generator roller wire roll (2*4mm).	pcs	1		
19	Wooden tape measure 2m	pcs	2		
20	Electrical screwdriver	pcs	3		
21	Water pump	pcs	1		
22	Black tape	pcs	12		
23	Silicon gun	pcs	4		
24	Bolt cutter	pcs	2		
25	Cutting disk wood 115/230 mm	pcs	10		
26	Clean	pcs	2		
27	Ester screwdriver	Set	1		
28	Belia pull tool	pcs	2		
29	Oil	Liter	10		
30	Technical hammer 2kg	pcs	5		
31	Tree pruning scissors	pcs	2		
32	Cable welding machine	Meter	15		
33	Metal saw	pcs	3		
34	Plumb bob	pcs	2		
35	Laser measurement	pcs	1		
36	Nail gun	pcs	1		
37	Screening level	pcs	4		
38	Sand sieve	pcs	3		
39	Solder	pcs	6		
40	Putty knife	pcs	3		
41	Scraper	pcs	6		





42	Paint mixer	pcs	1		
43	Paint compressor	pcs	1		
44	Roller	pcs	6		
45	Wood nail drill	pcs	1		
46	Training shoes	pcs	2		
47	Iron for training	pcs	1		
48	Plastic tube	pcs	2		
49	Connectors for the different pipe sizes	pcs	30		
50	Circular glass cutter	pcs	1		
51	Glass cutter	pcs	2		
52	Lash rivet screws	Set	6		
53	Carbon welding machine	pcs	1		
54	Cross line laser	pcs	1		
55	Copper bars	Set	5		
56	Copper welding powder	pcs	6		
57	Work suit	pcs	5		
58	6 pcs screwdriver set Firefox	Set	16		
Sub total 4 Lot 9					
Grand total = Sub totals for one center IQD					





Establishment of Tool service center and workshop with all required materials, disposable materials, devices, tools, Furniture and equipment /
Sheikhan IDP camp

No	Description	Unit	Quantity	Unit Price (IQD)	Total Amount (IQD)
1) Civil Works					
1	Site Preparation: Provide materials and machines for grading, leveling and removing top soil not less than 15 cm, install bench marks and control points in two directions at the site. The work includes to demolish of any existing structure or building as well as existing concrete floor, remove the existing fence if any , cut for any depth required by location and lifting all debris outside the camp to the site located by municipality with all requirements of work. Laying sub-base materials crush stone one layer should not exceed 20 cm with good compaction not less than 98% , also the work include the road work (earth work & laying one layer of crush stone with good compaction not less than 98%) that connecting workshop with main road in the camp , according to the drawings, specifications and instructions of site engineer .	M ²	500		
2	Concrete works for floors (with BRC): Provide materials and divide the area of concreting by lining RHS (Rectangular Hollow steel 10*5 cm) with levelling and casting the floor by ordinary concrete class (c) ,21 MPA, 15 cm thickness, a layer of BRC size (15x15 cm), 6 mm diameter, using thick white nylon under concrete, making concrete joints 3x3m & 5cm depth with filling the joint by suitable materials, with the upper surface smoothed using (Copter machine) with all necessary works, the work include fixing the iron plates for iron columns and PVC pipes for rain drain pipe points with consideration reasonable	M ²	480		



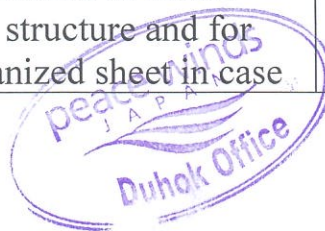


	slope for water according to the specifications and instructions of site engineer.				
3	Concrete works for retaining wall (ordinary concrete): Provide materials, machine and labors for casting the foundations of the retaining wall in case of having difference in level by ordinary concrete class (c) ,21 mpa, 20 cm thickness, using white nylon under concrete, the work includes excavation works from (0.6-1)m width, 60 cm depth at least (minimum) with all necessary works and according to the drawings ,specifications and instructions of site engineer.	M ³	12		
4	Masonry works: Provide materials and labors to build a retaining wall using solid concrete blocks of 15*20*40 cm with cement mortar 1:3 at least 40 cm width or may be 60 to 80 cm width to the required height according to the nature of the land (the contractor has to make a site survey to check the natural ground elevations) with all work requirements including placing drainage pipes from PVC 2.5" every 1 m, including filter behind the retaining wall by using graded gravel ,joint each 6 m using Styrofoam 2.5 cm thick. , cement plastering both sides, a primer layer with two layers of a water proofing paint choosing one of best type, according to drawings, specifications and instructions of site engineer.	M ³	24		
5	Floor works : Supply materials , man power , tools , for laying the floor of the workshop by good quality of iron checker plates thickness not less than 3mm for the floor and skirting with height 10cm over layer or SHS (5*5)cm 2mm thicker 50cm C/C both direction ,as iron checker sheets must be painted by one layer of antirust paint and two layers of oil paint are moisture and water-resistant by filling all joints with silicon with all requirements of work according to the drawings , specifications and instructions of site engineer.	M ²	142		





6	<p>Prefab workshop: using approved good quality 10 cm thick Sandwich panels (8.5--10 kg/m²) (fire resistance) for walls and for roof is normal sandwich panel to be fixed with approved water proof screws not more than 25 cm c/c in the roof , the frame from SHS steel pipe (100x100x3) mm for (Base ,columns, beams and door frame). strengthening the base with two pipe of (100*50*3) mm in short direction and strengthening the roof according to the attached drawings using pipes of (100*100*3) mm and pipes of (100*50*3) mm as well as truss frames and fix the Sandwich panel with iron RHS for walls , Use U shape galvanized (40X100X40X2) mm to fix around the windows & ventilation fan opening points within sandwich panels , end points ,the work include fixing iron plate (0.8m*15.2m)2mm for the roof cover path parts of sandwich panels and 200*200*5 mm in the floor concrete for columns fixing points .The work shall include all necessary related interventions such as; welding (screwing), a layer of good antirust paint and two layers of oil paint choosing one of best type of oil paint for the steel structure of the workshop, ... etc. All works should be done according to the drawings , instructions of site engineer and work specifications attached . Note: the unit price include only sandwich panel area and does not include open areas like; windows, doors , The whole structure should be rain water proof and supplied with rain water flow ducts and pipes (around all the side of prefabricated building).There should be no sharp or pointed edges to be harmful for people whether from inside or outside of the prefabricated workshop.The workshop should be isolated from both hot and cold ambient air and all joints should be sealed with silicon paste to fill the openings or any other means during construction. All inside corners (floor, walls and ceiling) should be covered with PVC edge band plastic profile in case of install sandwich panels inside cabinet structure and for the cabinet bases outside, galvanized sheet in case</p>	M ²	450	
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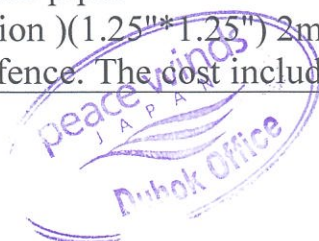


	of install sandwich panels outside cabinet structure.				
7	Iron gutter channel : Providing and installation a gutter from iron galvanized with thickness (1.5) mm, Total width of raw plate 85cm , giving the width of gutter 20 cm and depth 20 ,40,cm with using (4X8)cm 2mm' steel square pipes as welded arm support along with the gutter , installing three numbers of 4" PVC drainage pipes for every 7 m longitudinal length of the gutter according to the drawings, work specifications , instructions of supervising engineer.	M.L	45		



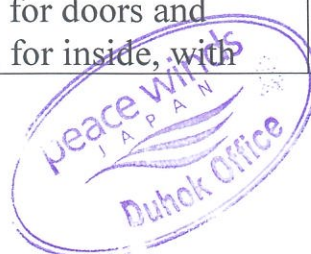


8	<p>Shade works : Supply materials and laborer's for installation of the iron shade Area using approved good type corrugated sheet 0.6 mm thickness , at least 0.5m under the sandwich panels roof overlap to be fixed with approved water proof screws not more than 25 cm c/c using SHS steel pipes (100x100x3) mm as main bracings with top plate (150*150*5)mm (spacing C/C of 3 m) between the columns , and using (100x50x3)mm RHS steel pipes of height 3.0 m as column supports 3m c/c, and rectangular steel pipes of RHS (80*40*3) mm as lateral bracings (tarahee) 80 cm c/c for the shade fixed on suitable base plate with approved water proof screws and weld the shade supports professionally to the steel frame pipes of the room when required and all ends of hollow steel pipes should be covered by suitable plate or plastic cover to prevent rust with fixing iron plate (0.8m*7m)2mm for the roof cover path parts of iron sheets,the work include fixing iron plate 200*200*5 mm in the floor concrete for columns fixing points . whole structure should be rain water proof and supplied with rain water flow ducts and pipes (around all the shade area) the work includes painting the frame of steel structure by good approved anti rust paint choosing one of best these type & two layers of oil paint Good approved paint choosing one of best types , the last layer to be after completion with all work requirements according to the drawings ,Work specifications and instructions of site engineer.</p>	M ²	140		
9	<p>Fence (American type): Excavation for the foundation of main columns base and casting by concrete with dimensions of (40 x 40) cm, depth (45) cm within retaining wall , the columns should be (40) cm inside the concrete foundation, constructing columns with dimensions of SHS steel pipes (80x80x4) mm ,2.5 m high , 2.2 m C/C ,installation and fixing the American iron B.R.C of (2 m) height, openings (8x8) cm 5 mm dia, fixing the BRC fence by square steel pipes (circumference + cross section)(1.25"*1.25") 2mm thickness to strengthen the fence. The cost includes</p>	M.I	84		



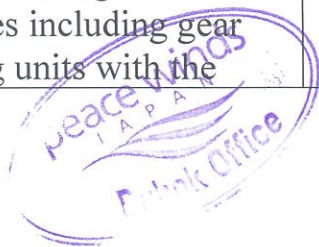


	fixing and installation by welding from up to bottom of the column with all necessary required materials and all iron parts must be painted by one layer of antirust paint and two layers of oil paint , the work includes fixing 3 lines of barebed wire fence above the top fence ,All the works should be done according to the drawings and instructions of site engineer.				
10	Main Sliding Gate: Providing materials & erecting main gate sliding 4m.l and single gate of 1m and for both (2 m) height, from steel tube 80*40*2 mm thick, two cross section from pipe 80*40*2 mm for strengthening the door, iron BRC 8x8cm, 5 mm dia., steel Column (80x80x3)mm, 2m height, with conc. Foundation 40x40x45cm, movable jamb from pipe 3", 3mm thickness, all iron parts must be painted by one layer of antirust paint and two layers of oil paint with all work requirements, accessories (welding points , iron tires with gate iron sliding base ,iron locks ,,etc.) and necessary fittings according to the drawings, and instructions of site engineer.	M.L	10		
11	Steel Door: provide and install steel door with steel frame and needed accessories; door lock, 18 cm size good handle , using 1" steel square 2mm pipes to construct the door's internal sculpture frame and two 1" pipes in the middle of the door for strength Reliability and using steel plates of gauge 20 for both faces of the door all with proper welding and proper use of isolation material inside the door and painted by one layer of antirust paint and two layers of oil paint , and use 1.5" steel angles of thickness 4mm to Establish the External fixed frame of the door, according to the instructions of the supervising Engineer.	M ²	7.00		
12	PVC DOOR (2x1m): The work include providing and fixing reinforced PVC door with standard cross section dimension thickness not less than (1.65mm to 2mm) suitable for doors and using galvanized iron U section for inside, with	M ²	6.00		





	thickness not less than (0.8 mm) with dimension of (2.0x1.0m), the price includes supplying and fixing of all required accessories locks, hinges, etc...				
13	Aluminum window: provide materials and install Aluminum window sliding type (1.5 mm thick) width (6--8)cm with double glasses(4 mm) with insect proof Aluminum wire mesh for openings with all work requirements and necessary accessories and fittings according to instructions of site engineer.	M ²	14.00		
14	Window Security Grills : Supply materials and install protection grills made by steel wire mesh (30*30*3)mm welded over steel frame made of RHS section (20x20x2) mm and for mid span (as a cross) for fixing the wire mesh and painted by one layer of an anti rust paint and two layers of oil paint (Asia or Marjan) according to drawings & instructions of the site Engineer.	M ²	15.00		
15	Zebra Curtains for the windows: Supply and install Good Type Turkish zebra curtains with all work requirements and necessary fittings and accessories.	M ²	18.00		
16	Eastern toilets: Provide and installing (eastern) toilets white color approved types with siphon box include single gear mixer and squirt gun, the work includes covers , good approved quality of pvc. pipes 4 in, ppr. 3/4 in , gulls , valves , any other accessories , installing the connecting units with the water tank and also connect the unit with septic tank , according to the drawings , specifications and instructions of site engineer.	NO.	1.00		
17	Western toilets: Provide and installing (western) toilets for disability PWD white color approved types with siphon box , include manhole with dimensions 30*30 cm , covers and Aluminum grab bar support inside the toilet and make a iron ramp to facilitate the handicap to enter the toilet in front of the door and the work includes good approved quality of pvc. pipes 4 in, ppr. 3/4 in , gulls , valves , any other accessories including gear mixer, installing the connecting units with the	NO.	1.00		





	water tank and also connect the unit with septic tank according to the drawings , the work specifications and instructions of site engineer.				
18	Connection to Water Supply Network: Connect the facility with the main source of water using PPR pipes (3/4)" dia. good approved quality ,The work includes excavation of trench (30x70 cm.), covering pipes by (10) cm clean sand, backfilling with all fitting and necessary works . The work also includes repairing asphalt or concrete pavement by 10cm concrete when deemed necessary.	ML	40.00		
19	Wash basin: Provide and installing wash basin with gear mixers best white color types . the work includes cold & hot water , ppr pipes 3/4 , pvc pipes 2.5 in., gullies ,valves , tape,. Drain galvanized cover ..all needed accessories ,manholes 30x30 cm , installing and connecting units with the water tank and to discharge waste water to outside unit using PVC pipes of (4) inches to the out side the building according to the drawings , specifications and instructions of site engineer.	No.	1.00		
20	water boiler : Supply and install water boiler 180 liter capacity for admin. section (W.C facilities) the work shall include all the necessary fittings (3/4" steel galvanized pipes for hot and cold water sit wolf ,connections to water tank system with all necessary requirements of pipes and fittings .	No.	1.00		
21	Floor drain points : Provide and installing drain galvanized cover best type 15x15 cm . the work includes , pvc pipes 4 in. , ,gullies ,....all needed accessories , connect the unit with septic tank according to the drawings , specifications and instructions of site engineer.	No.	1.00		





22	<p>Septic tank & Cesspool: Provide materials & erecting septic tank with cesspools each of 120 cm inner diameter for black water . the work includes excavation and drilling the cesspool 1.2 m diameter , putting cylinder reinforcing concrete pipes 90 cm clear diameter without holes for ST and with at least 4 holes in concrete cylinder sides ,12cm thick, for CP concrete pipes Joints to be filled with cement mortar 1:3 , casting the roof by pree cast reinforced concrete 10 cm thick. Steel bars 10 mm @ 15 cm c/c ,other work required , PVC pipe for cover and galvanized manholes cover 15x15 cm.the Price includes provide crushed stone or gravel to the base of concrete pipes (15 cm) thickness with surrounding areas and connections to manholes and septic tank with all requirements of work and according to the drawings ,specifications and instructions of site engineer.</p>	M.L	5.00		
23	<p>Water tank: Supply and install HDPE tank with capacity (1.5 m3) 5mm thickness on a suitable base Height 3.0 m (as per Necessary) according to the dwarfing and designs connecting it with main water source, the work also includes using galvanized pipes for the inlet, outlet, over flow and washing both hot and cold water with all other work requirements as requested by engineer also to provide good water pump booster size 3/4 in. according to specifications and instructions of site engineer.</p>	No	1		
24	<p>Portable Ramp: Provide portable ramp using aluminum checkered plate (4 mm thick) for the cover with all work requirements including accessories and fittings according to attached drawings, specifications and instructions of supervising engineer,</p>	M ²	5.00		





25	<p>Floor handrail: Provision and install of floor handrail using Metal square pipes of (50*50) mm (2 mm thick) for the main support (Newel post) every 2 m C/C maximum and for the required places (start point, changing direction and end point), Metal circular pipes of (48--50) mm diameter (2 mm thick) for the top railing supports and to be extended in the front side, Metal square pipes of (50*20) mm (2 mm thick) for the middle railing supports top and bottom , Metal square pipes of (25*25*2) mm for the secondary supports (Baluster) every 50 cm C/C from bottom to middle railing with all work requirements including fittings plastic covers for iron ends and other required accessories and painting of pipes by one layer of anti-rust paint and two layers of oil paint (Blue color) according to the drawings and instructions of supervisor engineer.</p>	M.L	6		
26	<p>Iron gutter Cover : Supply materials and install iron gutter cover with width 60--120)cm and length 1.25m for open channels using Metal checkered plate (6 mm thick) be strengthened by iron rectangular bar of (8x8) mm, 20 cm C/C , the work includes provide bolts (8 anchors and 8 bolts of 10 cm), painting with anti rust & oil paint with all work requirements according to the attached drawings, specifications and instructions of supervising engineer.</p>	M ²	3.00		
27	<p>Dropped ceiling: Provide materials and fix gypsum false ceiling (best approved quality) (60*60) cm for the rooms and fix Plastic false ceiling (best approved quality) (60*60) cm for W.C facilities, . The price includes fixing galvanized steel rod 3mm dia (38mm-beams) every 105-120 cm for short directions and 60cm for long direction with fixing square steel pipes (25x25*2) mm as a bridge every 120 cm to be welded with the RHS pipes of the roof to fix the (38 mm -beams) by bolt and nut (Farasha) with all necessary works according to the specifications and instructions of site engineer.</p>	M ²	140		





28	OPEN CHANNEL WORKS (0.6 m width): Provide the materials and machines for Excavation work of a trench of (30x80) cms for all crossing road points or any required place ,the work include ,removing the damaged existed open channel ,excavation the trench and casting by ordinary concrete 210 kg/cm ² ,0.6m width , 20 cm thickness , using BRC (15*15) cm , 6 mm thickness above a layer of approved subbase 10 cm thickness , and according to the attached drawing and instructions of the Supervisor Engineer.	M,L	90		
Sub-total 1					
2) Electrical Works					
1	Twist cable : Supply, install and connect to the best Jordanian twist cable of (3x50 +35 mm ²) Jordanian made or equivalent. Including labor cost.	M.L	50		
2	Iron board: Supply materials, install iron board for generator with stand iron pipe and plate to be fixed inside concrete and three circuit breakers of 63 A to be connected with main distribution board according to specifications and instructions of Electrical engineer.	No.	1		
3	Outdoor Projector Light / LED flood light, SR2FL240W including rectangular iron pipes of (100*100*3) mm, 4 m height. The work includes, installing photocell, excavating cable line with 50cm depth in PVC pipes with cable 4x4mm ² .	No.	4		
4	Small Iron distribution board: Supply materials, install and test a circuit breaker 8 line LEGRAND type with main circuit breakers 63 A (Three pole) and three circuit breakers of 63 A to be connected with main distribution board according to specifications and instructions of Electrical engineer.	No.	1		
5	Provide and install ceiling lamp: False Ceiling, LED 18 watt , BG brand or Malaysian (KHIND)	No.	26		



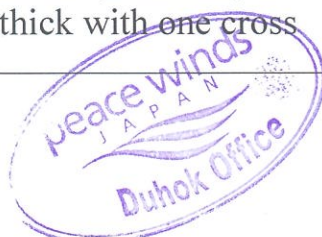


	type including wires and switches according to the instructions of site engineer.				
6	Provide and install outdoor wall mounted lamp , BG brand or Malaysian LED 18 W (KHIND) type controlled by photocell in multi stages according to required locations in the main board according to instructions of Electrical engineer.	No.	14		
7	16 A Switched Socket Outlet point : (BG,HK, MK, Panasonic or Legrand) brand, Supply, install and connect of points shall include PVC conduits or trunks, wire 4x2.5mm ² leads or cables. سويچ پلاک	No.	23		
8	Supply, install and connect industrial socket (BG,HK, MK, Panasonic or Legrand) brand, Cost of points shall include PVC conduits or trunks, wire 4x2.5mm ² leads or cables.	No.	8		
9	Provide and install ventilation/exhaust fan (12)" (Panasonic or KHIND Malaysia) for the workshop, price shall include wires and switches according to instructions of site engineer.	No.	6		
10	Provide and install ventilation/exhaust fan (6)" (Panasonic or KHIND Malaysia) for the workshop, price shall include wires and switches according to instructions of site engineer.	No.	1		
11	provide and install ceiling fans (Panasonic or KHIND , made in Malaysia), price shall include wires and switches according to instructions of site engineer.	No.	12		
12	provide and install A/C units (2 ton), good type available in market with suitable iron base and box fixed on the ground , all AC cables, wires, and water host should be placed inside PVC conduits to reduce whether effect, according to instructions of site engineer.	No.	6		
13	Supply earthing materials (USA-Made) and install available earth system (Delta-Connection) for the playroom and in-patient ward according to the specifications and instructions of electrical engineer using three pure copper rods (1.5 m) length and wires 1*50mm ² with excavation (depth 1.7m), diameter 18 mm the price includes copper	No.	1		



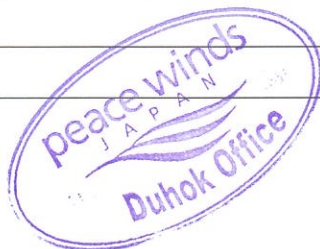


	bar conductor 1*50mm2 and all accessories to complete this Item.				
Sub-Total 2					
3) Supply of Materials for the workshop and tool center					
1	Title board: Providing materials and fixing workshop title board using steel sheet (1mx2mx1.25mm thick) and using steel pipe (1"x1") for the Frame of the Title Board . The price includes bracing, painting the board with one layer primary coating , three layer best oil paint, and writing using best oil paint. The price include installing Kurdistan flag by using a galvanize pipe 1 inch and 2m high.	No.	2		
2	Iron cupboard cabinet: Supply, delivery and assembly of steel cabinet with 6 shelves according to instructions of supervising engineer.	No.	4		
3	Office desk: Supply steel desk for admin having Length 140 cm according to instructions of site engineer.	No.	3		
4	Movable Chair: Supply movable chair for admin having Length according to instructions of site engineer.	No.	3		
5	Fire Extinguisher: Supply and install Fire extinguisher 6 kg full powder Germany made with suitable box with years of Guarantee.	No.	4		
6	First Aid Kit: Supply and install best type of First aid kit with full supply of First aid requirements.	No.	2		
7	Plastic trash bin : Supply plastic trash can (650 Liter)according to instructions of site engineer .	No.	1		
8	Plastic trash bin : Supply plastic trash can (350 Liter)according to instructions of site engineer .	No.	2		
9	Water cooler & heater : supply and install water cooler & heater new digital (RAMCO / Syrian brand)	No.	2		
10	Provide and install steel platform (2.0x1.25) m using angle iron(3"x3") 3mm thick with one cross	No.	3		





	section in short direction with four steel stands of (10x10)cm 3 mm thick to be covered with checkered plate 4 mm thick with all work requirements including anti rust paint and two oil paint.			
	Provide and install all required equipment for the workshop (best type and brand available in local market consists of .	L.S		
	Steel bench vice with base	1pcs		
	Fixed big electrical drilling device,	1pcs		
	Electrical drilling device (big and small .)	2No		
	Electrical wire detection tester	2No		
	Fixed electrical saw (Big) for wood	1pcs		
	Knife sharpening machine	1pcs		
	Blacksmith Oaks	1pcs		
	Greaze box .	10 No		
	Fixed iron scissors	1pcs		
	Leather work apron .	10 No		
	Portable welding machine .	5No		
	Air bottle (FULL)	2No		
11	Electrical iron circular saw .	2No	1	
	Mini electrical saw	1pcs		
	Bench drilling stand	1No		
	Manual tube bending machine .	1No		
	Rechargeable screwdriver/drill .	5No		
	Steel C-Clap	4No		
	Iron bending machine	1No		
	Magnetic welding holder	2No		
	Metal cutting grinder	3No		
	Wood cutting grinder	1No		
	Air blower	1No		
	Soldering iron	2No		
	cordless lithium screwdriver	5No		
	Angle grinder	4No		
	Extension stair ladder	1pcs		
	Iron angle	4No		

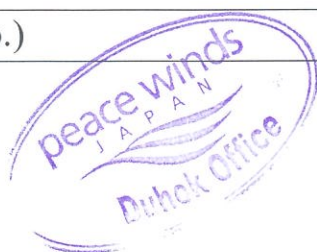




	Air compressor	1pcs			
	Vibrator wood saw	3No			
	Manual wood upholstery press,	2No			
	Manual wood carving tool	2 Set			
	Perforated mounting base,	2No			
	Magnetic angle	8pcs			
	Wood bending	4No			
	Gas shalmon	2No			
	Electrical spray paint device	2No			
	Hand Revit gun	4No			
	Hand trolley for transporting goods,	1pcs			
	Iron and tube bending machine	1pcs			
	Electrical wood stapler device	2No			
	Wood stapler	10 set			
12	Provide all required supplies for the workshop best type and brand available in local market.	L.S	1		
	Plumbing necessities and tools	2 set			
	Electrical extender	4No			
	screw driver set	1Set			
	Spirit level	1No			
	Painting spray	2Dozen			
	Caulking gun, spanner set	1Set			
	Wrench set	3No			
	Ratchet,	1 pcs			
	Pliers	8 pcs			
	Screws	8 pcs			
	Pincers or nippers	8 pcs			
	Wire brush	15 No			
	Wood saw	1No			
	Hack saw (metal)	8No			
	bolts, nails, nuts,plugs different sizes) 2 box of each,, saw,	2box			
	Carbon set	2Set			
	Iron angle tool	1pcs			



Wire brush set	1 Set		
Drilling set for metals	1 Set		
Chalk	10 Dozen		
Measuring tape of (10, 30,50)m	1 Set		
Measuring tape of 5 m	10 No		
Welding goggles set	1 Dozen		
Eyecup set	1 set		
face shield set	1 set		
welding gloves set	50set		
safety gloves set	50set		
Carving chisels	2 set		
Rill bits-set (2 sets)	2 set		
Copper welding set .	5 Box		
Spark plugs key (1 Set)	1 set		
Solder wire-lead (5 No.)	5 No		
Handle automotive screwdriver kit	2 set		
Metal cutting disk 230 mm	50 No		
Metal cutting disk 115 mm	50 No		
Metal cutting disk 355 mm	35 No		
Lamella disk 115 mm	75 No		
Polishing disc	5No		
Medium welding rods	2 set		
Dustpan- broom	2No		
PVC water hose (25 m)	1 No		
Carpenter hammer 1.5 kg	10 No		
Carpenter hammer 2 kg	5No		
Stone hammer 1 kg (5 No.)	5No		





	Either gloves	20 pcs			
	Gas bottle (full) with its regulator	3No			
	Operations coverall (10 sets)	10 Set			
	Safety welding glasses black	25 No			
	Safety glasses	25 No			
	Protective headset	10 No			
	Spiral level (5 No.)	5 No			
	Metal rack shelving (4 rows of shelves, 2 m length, 2m height, 60cm shelf depth)	6 set			
	Aluminum ladder of 175 cm both sides	2 No			
	Drill bit set for metal	10 No			
	Vice	4No			
	Silicon with silicon gun	20 No			
	Tin can 5 No.,circular iron brush	5 No			
	lash rivet screws	4 set			
	Oxygen welding machine	2 No			
	Copper welding powder	10 No			
	Copper bars	10 Set			
13	whiteboard: Supply, delivery and assembly of Turkish whiteboard Panda brand (1.2*2.4) m according to instructions of site engineer.	No.	2		
14	Data show projector: Supply, test and install data show projector best type available in market with screen and stand, 3500 Illumination full HD, Epson brand include the reflector .	No.	1		
15	Supply plastic chairs: (best type available in market)	No.	20		
16	Motor bike (Tuk-tuk): Provide best type available load motor bike 2WD (Tuk-tuk).	No.	2		
17	Provide good type security camera (5 No. full HD) with DVR of (8 line) and monitor (40	Set	2		



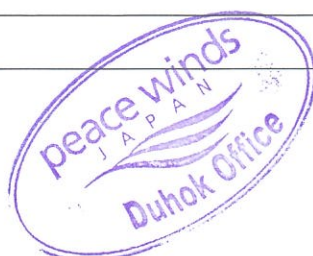


	inches)with all required accessories and fittings as requested by Engineer				
18	Diesel for generator: Providing diesel for the workshop and tool service generator consuming for one year.	liter	1,000		
19	Laptop : Providing best type available (Processor: Intel Core i5 (8th Generation or newer, Memory: 8GB RAM (Minimum) (DDR4 or higher, Storage: 500GB (SSD or M.2 PCIe).	No	2		
Sub Total 3					
4) Supply of materials for the tool service center , Lot 1 : Basic Toolbox set					
1	Plastic Tool box	pcs	3		
2	Screw driver set	Set	3		
3	Wrench set	SET	3		
4	Allen Wrench set	SET	3		
5	Combination pliers	pcs	4		
6	Side cutter	pcs	4		
7	Cutter knife	pcs	5		
8	Spare cutter blades	BOX	5		
9	Pincers/nippers	pcs	3		
10	Wire brush	pcs	6		
11	Metal file set	SET	3		
12	Wood saw	pcs	3		
13	Metal saw blade	pcs	12		
14	Cup head set tool	pcs	3		
15	Tape measure different length (5 m, 7.5 m and 10 m)	pcs	5		
16	Carpenter hammer	pcs	3		
17	Fitters hammer	pcs	3		
18	Multimeter	pcs	3		





19	Adjustable wrench	Set	3		
20	Electric cleaner	pcs	1		
Sub total 4 Lot 1					
4) Supply of materials for the tool service center , Lot 2 : Personal Protective Equipment					
1	Work jacket	pcs	6		
2	Work trousers	pcs	6		
3	Work vest	pcs	2		
4	Protective gloves	Pair	30		
5	Safety shoes/ safety boots	Pair	6		
6	Ear protection ear plugs	Pair	9		
7	Protective helmet	pcs	11		
8	Protective glasses	pcs	11		
Sub total 4 Lot 2					
4) Supply of materials for the tool service center , Lot 3 : Additional Plumbing Toolbox					
1	Plastic Toolbox	pcs	3		
2	Water pump pliers	pcs	5		
3	Pipe wrench	Set	5		
4	Pipe cutter/ tubing cutter	pcs	3		
5	Pipe cutter	pcs	5		
6	Teflon sealing tape	Roll	20		
Sub total 4 Lot 3					
5) Supply of materials for the tool service center , Lot 4 : Additional Ground Work Tools					
1	Shovel	pcs	8		
2	Pick hoe/ pickaxe	pcs	5		
3	Spade shovel	pcs	6		
4	Push broom/ brush broom	pcs	2		





5	Wheelbarrow	pcs	8		
6	Rubber bucket 20L	Set	3		
7	Stone hammer 1 kg	pcs	3		
8	Chisel flat/ mason chisel 25mm	pcs	3		
9	Pointed chisel	pcs	3		
10	Rose brick trowel	pcs	3		
11	Spirit level 100cm	pcs	4		
12	Sledgehammer	pcs	5		
13	Bolt cutter	pcs	3		
14	Crowbar	pcs	3		
15	Ladder 150cm	pcs	1		
16	Wheel hand trolley	pcs	6		
17	cutting disk (115, 230 and 355) mm	pcs	20		

Sub total 4 Lot 4

**4) Supply of materials for the tool service center ,
Lot 5 : Electrical Generator**

1	(16 A)Electrical generator	pcs	2		
2	(Iron) Fuel canister	pcs	1		
3	Funnel	pcs	1		
4	Spark plugs key	pcs	1		
5	Air filter replacement	pcs	3		
6	Extension cord	pcs	3		
7	Box for accessories	pcs	1		
8	Fire extinguisher	pcs	1		
9	First aid kit	pcs	1		

Sub total 4 Lot 5

**4) Supply of materials for the tool service center ,
Lot 6 : Drilling and Hammer Drilling**

1	Drill hammer	pcs	5		
2	Heavy duty hammer drill	pcs	3		
3	Drill bit set for concrete	SET	3		
4	wooden stand	pcs	2		
5	Drill chuck adapter	pcs	2		





6	Grease	pcs	3		
7	Demolition hammer	pcs	5		
8	Flat chisel	pcs	5		
9	Point chisel	pcs	5		
10	Protective glasses/ safety googles	pcs	4		
11	Cordless lithium-ion screwdriver	pcs	6		
12	Drill bit set for metal	SET	5		
Sub total 4 Lot 6					
4) Supply of materials for the tool service center , Lot 7 : Cut-off grinding and welding					
1	Angle grinder	pcs	9		
2	Cutting disk, metal, 115 mm, 230 mm and 355 mm	pcs	50		
3	Scrub disk mm 115 mm	pcs	10		
4	Metal cut off grinder	pcs	3		
5	Electronic welding machine	pcs	7		
6	Welding googles	Set	12		
7	Welding rods medium	PAC K	5		
8	Pipe welding machine	PC	4		
Sub total 4 Lot 7					
4) Supply of materials for the tool service center , Lot 8 : Additional tools					
1	Set of Iron rods for cleaning drains and closed sewers, 15 meter length	pcs	1		
2	Screw driver (Micro) using for cellphone repairing)	set	4		
3	Voltage tester	pcs	6		
4	Solid Pipe sewage cleaning, 7-10 meter length	pcs	3		
5	Tile Cutter "Ceramic tile" cutting machine, 60cm	pcs	3		
6	Plastic hammer for tile ceramic works	pcs	2		
7	Saw machine,	pcs	1		
8	Gasoline water pump, 3 inch	pcs	1		
9	Accessories tool box, 100-120 item piece	pcs	1		
10	Electric hot melting silicone glue gun	pcs	1		





11	Silicon wax	pcs	3		
12	Hand riveter "Revit Gun"	pcs	2		
13	Extension stair ladder, 6 meter	pcs	1		
14	Hydraulic Bottle Jack, High lift 20 ton capacity	pcs	1		
15	Handle automotive screwdriver kit	pcs	1		
16	Hand lubricated, 0.5 litter	pcs	1		
17	Stainless steel plastering shovel, 13*5 inch	pcs	3		
18	Pruning shear cutter	pcs	2		
19	Garden package tool set (Ground comb, paddle and scythe)	set	3		
20	Grass cutter knife handle	No	5		
21	Grass cutter electrical (handle)	No	4		
22	Carpet cleaner Machin (trolley)	No	2		

Sub total 4 Lot 8

**4) Supply of materials for the tool service center ,
Lot 9 : Maintenance tools**

1	Electrical cable 2.5mm, 3 core	Meter	100		
2	Electrical cable 1.5mm, 3 core 1.5mm	Meter	50		
3	UPS output connector	pcs	2		
4	1 way electrical rubber connector	pcs	6		
5	Hole Saw Cutting Set Kit Drilling Tool Wood	pcs	2		
6	Wooden broom handle	pcs	6		
7	Wooden shovel handle good quality	pcs	9		
8	Iron angle	pcs	2		
9	Screw driver	pcs	2		
10	Electrical cable cutter (Yellow)	pcs	3		
11	Plastic host for the water 3 inches	m.l	1		
12	Protective gloves	Pair	10		
13	Soldering iron	pcs	1		





14	American pliers	pcs	1		
15	Pliers sakaman	pcs	1		
16	Electrical wires peeler	pcs	3		
17	Melt saw	pcs	1		
18	Generator roller wire roll (2*4mm).	pcs	1		
19	Wooden tape measure 2m	pcs	2		
20	Electrical screwdriver	pcs	3		
21	Water pump	pcs	1		
22	Black tape	pcs	12		
23	Silicon gun	pcs	4		
24	Bolt cutter	pcs	2		
25	Cutting disk wood 115/230 mm	pcs	10		
26	Clean	pcs	2		
27	Ester screwdriver	Set	1		
28	Belia pull tool	pcs	2		
29	Oil	Liter	10		
30	Technical hammer 2kg	pcs	5		
31	Tree pruning scissors	pcs	2		
32	Cable welding machine	Meter	15		
33	Metal saw	pcs	3		
34	Plumb bob	pcs	2		
35	Laser measurement	pcs	1		
36	Nail gun	pcs	1		
37	Screening level	pcs	4		
38	Sand sieve	pcs	3		





39	Solder	pcs	6		
40	Putty knife	pcs	3		
41	Scraper	pcs	6		
42	Paint mixer	pcs	1		
43	Paint compressor	pcs	1		
44	Roller	pcs	6		
45	Wood nail drill	pcs	1		
46	Training shoes	pcs	2		
47	Iron for training	pcs	1		
48	Plastic tube	pcs	2		
49	Connectors for the different pipe sizes	pcs	30		
50	Circular glass cutter	pcs	1		
51	Glass cutter	pcs	2		
52	Lash rivet screws	Set	6		
53	Carbon welding machine	pcs	1		





54	Cross line laser	pcs	1		
55	Copper bars	Set	5		
56	Copper welding powder	pcs	6		
57	Work suit	pcs	5		
58	6 pcs screwdriver set Firefox	Set	16		
Sub total 4 Lot 9					
Grand total = Sub totals for one center IQD					

Summary

Establishment of Workshops and Tool service centers in Shariya and Sheikhan IDP Camps / Duhok governorate		
1-Summary		
SE.	Work description	Amount (IQD)
1-	Establishment of Workshops and Tool service centers in Shariya IDP Camp / Duhok governorate	
2-	Establishment of Workshops and Tool service centers in Sheikhan IDP Camp / Duhok governorate.	
Grand total IQD		

Note: In case of a contradiction between the unit price and the total amount, the unit price will be accounted.

