



MULTAN WASTE MANAGEMENT COMPANY



BIDDING DOCUMENT

(INCLUDING DRAFT CONTRACT)

REQUEST FOR TENDER

Procurement No. 55

PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23

(Single Stage Two Envelope)

In line with PPRA Rules 2014

Issued on: 10/7/2023

Office Address:

Property No.275/RB, Ward No.X-EX, Shams Abad Colony, Near Chungi
No,09/Water Filtration Plant, Multan.

Tel: 061-9330175

Email: info.procurement@mwmc.com.pk

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DISCLAIMER

This Request for Tender Document is provided to the recipient solely for use in preparing and submitting applications in connection with bid for PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23. The Request for Tender (RFT) Document is being issued by the MWMC solely for use by prospective bidders in considering this assignment. Neither MWMC, nor their employees make any representation (expressed or implied) or warranties as to the accuracy or completeness of the information contained herein, or in other document made available to a person in connection with the tender process for the assignment and shall have no liability for this RFT Document or for any other written or oral communication transmitted to the recipient in the course of the recipient's evaluation of the Assignment. Neither MWMC nor their representatives will be liable to reimburse or compensate the recipient for any costs nor expenses incurred by the recipient in evaluating or acting upon this RFT Document or otherwise in connection with the Assignment as contemplated herein. MWMC reserves its right, in its full discretion, to modify the RFT and/or the Project at any time to the fullest extent permitted by law, and shall not be liable to reimburse or compensate the recipient for any costs nor expenses incurred by the recipient in such an event.

Invitation for Bids

Dated: 10/7/2023

1. Multan Waste Management Company (MWMC), invites sealed bids from eligible bidders; well reputed National/Local Companies/Firms/Suppliers/ Contractors for the following;

Sr. #	Description
1.	PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23

2. Bidding shall be conducted through Open Competitive Bidding (Single Stage-Two Envelope) procedures specified in the Rule No. 38 (2) of PPRA rules 2014, and is open to all eligible bidders as defined in the bidding document.
3. Interested eligible bidders may obtain bidding documents immediately after publication of this Tender Notice. Further information can be obtained from the office of MWMC during office hours or can be accessed online at www.ppra.punjab.gov.pk, www.MWMC.com.pk. Late bids will be rejected.
4. The provisions in the Instructions to Bidders are the provisions of the Bidding Documents.
5. Sealed Bids must be delivered to the above office **on or before 12:30 Hour on 24.07.2023** and must be accompanied by a **Bid Security of PKR 97,000/-** in the form of Bank Guarantee/Demand Draft/CDR/Pay Order. The Bid Security is **2%** Approx. of Estimated Price of subject tender i.e., **Rs. 4,894,023/-** and as per PPRA Rule # 27 which states *"The procuring agency may require the bidders to furnish a bid security not exceeding five per cent of the estimated price"*
6. Technical Bids will be opened in the presence of bidders' representatives who choose to attend at **01:00 Hour** in the Office of MWMC, on the same date i.e., **24.07.2023** (with original CNICs of bidders/representatives).
7. The bidders are requested to give their best and final prices as no negotiations are permissible as per Rule No. 57 of PPRA Rules, 2014.
8. Taxes will be deducted as per Applicable Government Rules. NTN and Sales Tax/ PNTN/ Registration Certificate must be provided.
9. For obtaining any further information or clarifications, please contact the person named below:

MANAGER PROCUREMENT & CONTRACTS
Multan Waste Management Company (MWMC),
Property No.275/RB, Ward No.X-EX, Shams Abad Colony, Near Chungi No,09/Water Filtration Plant,Multan.
Tel: 061-9330175
Email: info.procurement@mwmc.com.pk

Part-I

Section I. Instructions to Bidders

A. Introduction

- | | |
|----------------------|--|
| 1. Procuring Agency | 1.1 The Procuring Agency is Multan Waste Management Company. |
| 2. Eligible Bidders | <p>2.1 This Invitation for Bids is open to all national/local firms, Companies, Suppliers (hereinafter called as “Contractors”) as mentioned in Eligibility Criteria. Joint Ventures/Consortiums are not allowed.</p> <p>2.2. Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide services for the preparation of the design, specifications, and other documents to be used for the procurement of ‘PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23’ to be procured under this Invitation for Bids.</p> <p>2.3 Government-owned enterprises may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency of the Government.</p> <p>2.4 Bidders shall not be under a declaration of blacklisting by any Government department or Punjab Procurement Regulatory Authority (PPRA).</p> |
| 3. Eligible Services | 3.1 All services to be provided under the contract shall meet the specification of the Services required in the Specification. |
| 4. Cost of Bidding | 4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring Agency named in the Bid Data Sheet, hereinafter referred to as “the Client,” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process. |

B. The Bidding Documents

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|---------------------------------|---|
| 5. Content of Bidding Documents | <p>5.1 The services required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents include:</p> <ul style="list-style-type: none"> a) Instructions to Bidders (ITB) b) Bid Data Sheet c) Technical Specifications d) Bid Submission Form |
|---------------------------------|---|

- e) **Bid Security Form**
- f) **Price Schedules**
- g) **Contract Form**
- h) **General Conditions of Contract (GCC)**
- i) **Special Conditions of Contract (SCC)**
- j) **Bank Guarantee (Bid Security) (If BS is submitted in the form of Bank Guarantee)**
- k) **Bank Guarantee (Performance Security)**
- l) **Integrity Pact**

5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in the rejection of its bid.

6. Clarification of Bidding Documents 6.1 A prospective Bidder requiring any clarification of the bidding documents may notify the Client in writing or by email at the Client's address. The Client will respond in writing to any request for clarification of the bidding documents which it receives no later than **Seven (07) days** prior to the deadline for the submission of bids prescribed in the Bid Data Sheet. Written copies of the Client's response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective bidders that have received the bidding documents.

7. Amendment of Bidding Documents 7.1 At any time prior to the deadline for submission of bids, the Client, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the bidding documents by amendment.

7.2 All prospective bidders that have received the bidding documents will be notified of the amendment in writing or by email, and will be binding on them.

7.3 In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Client, at its discretion, may extend the deadline for the submission of bids.

C. Preparation of Bids

8. Language of Bid 8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Client shall be written in the language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in same language.

- | | |
|--|--|
| 9. Documents
Comprising the Bid | 9.1 The bid prepared by the Bidder shall comprise the following components: |
| | <ul style="list-style-type: none"> (a) a Bid Form and a Price Schedule completed in accordance with ITB Clauses 10, 11, and 12; (b) documentary evidence established in accordance with ITB Clause 13 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted; (c) documentary evidence established in accordance with ITB Clause 14 that the services to be supplied by the Bidder are conforming to the requirements in the bidding documents; and (d) bid security furnished in accordance with ITB Clause 15. |
| 10. Bid Form | 10.1 The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the services to be supplied, quantity, and prices. |
| 11. Bid Prices | <p>11.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the services it proposes to provide under the contract.</p> <p>11.2 Prices indicated on the Price Schedule shall be inclusive of all applicable taxes.</p> <p>11.3 The Bidder's separation of price components in accordance with ITB Clause 11.1 above will be solely for the purpose of facilitating the comparison of bids by the Client and will not in any way limit the Client's right to contract on any of the terms offered.</p> <p>11.4 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A bid submitted with an adjustable price quotation will be treated as nonresponsive and will be rejected, pursuant to ITB Clause 24.</p> |
| 12. Bid
Currencies | 12.1 Prices shall be quoted in Pak Rupees . |
| 13. Documents
Establishing
Bidder's Eligibility
and Qualification | 13.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted. |
| 14. Documents | 14.1 Pursuant to ITB Clause 9, the Bidder shall furnish, that the |

Establishing Services' Eligibility and Conformity to Bidding Documents specifications of the services are compliant with the specifications as required in the Section III of Part 1 as Technical Specifications.

15. Bid Security
- 15.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, a bid security in the amount specified in the Bid Data Sheet.
- 15.2 The bid security is required to protect the Client against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to ITB Clause 15.7.
- 15.3 The Bid Security shall be in **PKR** and must be **valid for ninety (90) days beyond the validity of bid.**
- 15.4 Any bid not secured in accordance with ITB Clauses 15.1 and 15.3 will be rejected by the Client as nonresponsive, pursuant to ITB Clause 24.
- 15.5 Unsuccessful bidders' bid security will be discharged or returned as promptly as the successful bidder will furnish performance security.
- 15.6 The successful Bidder's bid security will be discharged upon the Bidder signing of Contract, pursuant to ITB Clause 31, and furnishing the performance security, pursuant to ITB Clause 32.
- 15.7 The bid security may be forfeited:
- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or
 - (b) in the case of a successful Bidder, if the Bidder fails:
 - (i) to sign the contract in accordance with ITB Clause 31;
 - or**
 - (ii) to furnish performance security in accordance with ITB Clause 32.
16. Period of Validity of Bids and Duration
- 16.1 Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid opening prescribed by the Client, pursuant to ITB Clause 19. A bid valid for a shorter period shall be rejected by the Client as nonresponsive.
- 16.2 In exceptional circumstances, the Client may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by email).

The bid security provided under ITB Clause 15 shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.

16.3 Total duration of assignment is mentioned in the Bid Data Sheet.

17. Format and Signing of Bid

17.1 The Bidder shall prepare an original bid indicated in the Bid Data Sheet, clearly marking each "ORIGINAL BID"

17.2 The original bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for unamended printed literature, shall be initialed by the person or persons signing the bid.

17.3 Any interlineation, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

17.4 The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

D. Submission of Bids

18. Sealing and Marking of Bids

18.1 Each Bidder shall prepare the original, as specified in comments to Sub-Clause 17 of the ITB and clearly mark them "ORIGINAL" as appropriate.

SUBMISSION OF BID (SINGLE STAGE TWO ENVELOPE BIDDING PROCEDURE)

Sealing and Marking of Bid: The bidder shall seal the **original Technical and Financial bid into two separate envelopes and then seal them into a single packet.**

18.2 The envelopes shall:

- (a) be addressed to the Client at the address given in the Bid Data Sheet; and
- (b) bear the title of procurement Activity indicated in the Bid Data Sheet, the Invitation for Bids (IFB) title and number indicated in the Bid Data Sheet, and a statement: "DO NOT OPEN BEFORE," to be completed with the time and the date specified in the Bid Data Sheet, pursuant to ITB

Clause 2.2.

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

18.4 If the outer envelope is not sealed and marked as required by ITB Clause 18.2, the Client will assume no responsibility for the bid’s misplacement or premature opening.

Rule 38. (2) of PPRA Rules, 2014 Procedures for selection of contractors

(i) the bid shall be a single package containing the financial and the technical proposals;

(ii) the envelopes shall be marked as “PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23”;

(iii) the procuring agency shall evaluate the technical proposal in the manner prescribed in advance, without reference to the price and shall reject any proposal which does not conform to the specified requirements;

(iv) during the technical evaluation no amendments in the technical proposal shall be permitted;

(v) the financial bids found technically nonresponsive shall be not be considered for financial evaluation; and (iv) the lowest evaluated bidder shall be awarded the contract;

19. Deadline for Submission of Bids

19.1 Bids must be received by the Client at the address specified under ITB Clause 18.2 no later than the time and date specified in the Bid Data Sheet.

19.2 The Client may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and obligations of the Client and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

20. Late Bids

20.1 Any bid received by the Client after the deadline for submission of bids prescribed by the Client pursuant to ITB Clause 19 will be rejected and returned unopened to the Bidder.

21. Modification and Withdrawal of Bids
- 21.1 The Bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Client prior to the deadline prescribed for submission of bids.
- 21.2 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITB Clause 18. A withdrawal notice may also be sent by email, but followed by a signed confirmation copy, postmarked not later than the deadline for submission of bids.
- 21.3 No bid may be modified after the deadline for submission of bids.
- 21.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security, pursuant to the ITB Clause 15.7.

E. Opening and Evaluation of Bids

22. Opening of Bids by the Client
- 22.1 The Client will open all bids in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign an attendance sheet evidencing their presence.
- 22.2 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Client, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause 20.
- 22.3 Bids (and modifications sent pursuant to ITB Clause 21.2) that are not opened and read out at bid opening shall not be considered further for evaluation, irrespective of the circumstances. Withdrawn bids will be returned unopened to the bidders.
- 22.4 The Client will prepare minutes of the bid opening.
23. Clarification of Bids
- 23.1 During evaluation of the bids, the Client may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.

24. Preliminary Examination
- 24.1 The Client will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
- 24.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Contractor does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.
- 24.3 The Client may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.
- 24.4 Prior to the detailed evaluation, pursuant to ITB Clause 25 the Client will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning **Bid Security** (ITB Clause 15), **Applicable Law** (GCC Clause 24), and **Taxes and Duties** (GCC Clause 26), will be deemed to be a material deviation. The Client's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 24.5 If a bid is not substantially responsive, it will be rejected by the Client and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
25. Qualification & Evaluation of Bids
- 25.1 The Client will determine to its satisfaction whether the Bidder is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 13.
- 25.2 The determination will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 13, as well as such other information as the Client deems necessary and appropriate.
- 25.3 The Client will **technically evaluate** and compare the bids which have been determined to be substantially responsive, pursuant to ITB Clause 24, as per required Technical Specifications

25.4 The Client's **financial evaluation** of a bid will be on Lowest Evaluated Bid inclusive of all prevailing taxes and duties (among the Technically qualified Bids only).

26. Contacting the Client 26.1 Subject to ITB Clause 23, no Bidder shall contact the Client on any matter relating to its bid, from the time of the bid opening to the time evaluation report is made public i.e. 10 days before the contract is awarded. If the Bidder wishes to bring additional information or has grievance to the notice of the Client, it should do so in writing.

26.2 Any effort by a Bidder to influence the Client during bid evaluation, or bid comparison may result in the rejection of the Bidder's bid.

F. Award of Contract

27. Award Criteria 27.1 The Client will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

28. Client's Right to Vary Quantities at Time of Award 28.1 The Client reserves the right at the time of contract award to increase or decrease, by the percentage indicated in the Bid Data Sheet, the quantity of machinery and/or No. of units per day originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

29. Client's Right to Accept or Reject All Bids 29.1 The Client reserves the right to accept or reject all bids, and to annul the bidding process at any time prior to contract award, without thereby incurring any liability to the Bidder or bidders or any obligation to inform the Bidder or bidders of the grounds for the Client's action.

30. Notification of Award 30.1 Prior to the expiration of the period of bid validity, the Client will notify the successful Bidder in writing by registered letter or by email, to be confirmed in writing by registered letter, that its bid has been accepted.

30.2 The notification of award will constitute the formation of the Agreement.

30.3 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 32, the Client will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 15.

31. Issuance of Contract
- 31.1 At the same time as the Client notifies the successful Bidder that its bid has been accepted, the Client will send the Bidder the 'Contract' provided in the bidding documents, incorporating all agreements between the parties.
- 31.2 Within seven (07) days of receipt of the Letter of Acceptance (LOA), the successful Bidder shall send acknowledgment
32. Performance Security
- 32.1 **Within Seven (07) days of the receipt of LOA from the Client, the successful Bidder shall furnish the performance security (in the form of Bank Guarantee/ or any other form acceptable to the client) in accordance with the Terms & Conditions of Contract.**
- 32.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 31 or ITB Clause 32.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Client may make the award to the next lowest evaluated Bidder or call for new bids.
33. Corrupt or Fraudulent Practices
- 33.1 The Procuring Agency requires that Bidders and Contractors observe the highest standard of ethics during the procurement and execution of contracts. For the purposes of this provision, the terms set forth below are defined as follows:
- (i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
- (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Agency,
- (iii) "collusive practice" is an arrangement among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels for any wrongful gains, and to deprive the Procuring Agency of the benefits of free and open competition;
- (b) The Procuring Agency will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) The Procuring Agency will sanction a firm, in accordance with prevailing Blacklisting procedures under Punjab Procurement Rules 2014, if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, contract.

FOR REFERENCE ONLY

Part-I

Section II. Bid Data Sheet

The following specific data for the **PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23** shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB) Section-I of Part-I. Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

Introduction	
ITB 1.1	Name of Procuring Agency: Multan Waste Management Company, MWMC
ITB 1.1	Name of Contract: PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23
ITB 4.1	Name of Client: Multan Waste Management Company, MWMC
ITB 6.1	For clarification purposes, the Client's address is: MANAGER PROCUREMENT & CONTRACTS Multan Waste Management Company (MWMC) Property No.275/RB, Ward No.X-EX, Shams Abad Colony, Near Chungi No,09/Water Filtration Plant, Multan. Tel: 061-9330175 Email: info.procurement@mwmc.com.pk Requests for clarification shall be received by the Client no Later than 07 days prior to submission deadline
ITB 8.1	Language of the bid – English

Bid Price and Currency	
ITB 11.4	The price shall be in Pak Rupees and shall be fixed and inclusive of all applicable taxes in Pakistan.

Preparation and Submission of Bids	
ITB 13	ELIGIBILITY CRITERIA (MANDATORY) The applicants fulfilling the following basic eligibility requirement shall only be considered for further evaluation (relevant documents to be attached) a) Legal Status of Bidder For Companies Certificate of Incorporation duly issued by SECP or RJSC/ or local body in case of foreign firm. OR For Sole Proprietorship Copy of CNIC and an Affidavit/Undertaking on stamp Paper of Rs. 100 of Sole Proprietorship OR For Partnership Firm/Association of Persons Certified copy of Partnership deed and Form C or Form D (as applicable) duly issued by registrar of Firms b) Affidavit/ Undertaking for Correctness of Information, Declaration of non-

	<p>involvement in litigation / black listing and Compliance to the specifications, conditions and availability of required services on the defined time lines as mentioned in Terms of Reference of this bidding Document (<i>to be provided on non-judicial stamp paper of Rs. 100</i>)- Sample Template is attached P# 28 Annex-B</p> <p>c) Valid NTN Certificate (In the name of Company, Firm, AOP or Business Individual as applicable.)</p> <p>d) GST Registration (In the name of Company, Firm, AOP or Business Individual as applicable.)</p> <p>e) Statement of the bidder's Bank account in the name of business (or/and business individual- in case of sole proprietorship) duly issued and certified by the bank for a period for FY 2022-23 showing total Debit or Credit transaction equal to minimum 20% of the Estimated cost.</p> <p>f) Proof of relevant Experience or as General Order Supplier i.e., the provision of similar Goods to Public or Private organizations (Minimum 02 Proof of Experiences in shape of W/O, Contract, LOA or any other verifiable document must be attached)</p> <p>g) Original Bid Security to be attached with Technical Bid.</p> <p>h) Brand name must be mentioned with Technical Bid</p> <p>i) Signed and stamped bid documents issued by MWMC along with Technical Bid.</p> <p>Financial Proposals of only Technically Qualified Bidders will be considered for financial evaluation.</p> <p>AWARD OF CONTRACT: All technical proposals will be evaluated on basis of above given evaluation criteria of bidding documents and the bidders who do not fulfill above mentioned technical criteria of bidding documents will be considered as technically non-responsive bidders and will not be taken into consideration for Financial Evaluation. However technically qualified bidders (Responsive to Technical Evaluation Criteria) will be considered as responsive bidder, and among technically responsive and qualified bidders, the bidder with <u>lowest rates per Item (Item wise Evaluation)</u> will be awarded the contract (subject to fulfillment of all required conditions of bidding document & PPRA Rules, 2014). The comparison of Financial Bids with Estimated price will be made Item wise. But if some Items having quoted prices higher than the estimated prices the overall estimates may be consider as a purpose of Bids comparison</p>
ITB 15.1	Amount of Bid Security: Rs. 98,000/- Bid Security shall be in the prescribed format, Bank Guarantee/Demand Draft/CDR to be attached with technical bid.
ITB 15.2	The Client reserves the right to forfeit Bid Security of the Contractor, If the Successful contractor fails to deliver the services as per requirements, as mentioned in these bidding documents.
ITB 16.1	Bid Validity Period: 120 days after the date of opening of bid.
ITB 16.3	Duration of Assignment: One Time Supply
ITB 17.1	Number of Bids: (01) One Original
ITB 18.2	Address for Bid Submission:

(a)	<p align="center">MANAGER PROCUREMENT & CONTRACTS Multan Waste Management Company (MWMC) Property No.275/RB, Ward No.X-EX, Shams Abad Colony, Near Chungi No,09/Water Filtration Plant,Multan. Tel: 061-9330175 Email: info@MWMC.com.pk</p>
ITB 18.2 (b)	ITB Title and Number: PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23 Proc # 55.
ITB 19.1	Deadline for Bid Submission: 12:30 PM, 24.07.2023
ITB 22.1	Time, Date, and Place for Bid Opening: 01:00 PM, 24.07.2023

Bid Evaluation	
ITB 25.3	Criteria for bid evaluation: Item Wise Lowest Cost offered by the Technically Qualified & Responsive Bidder

Contract Award	
ITB 28.1	Percentage for quantity/number increase or decrease: 15 % of total contract value

Part-I

Section III.

TECHNICAL SPECIFICATIONS

Sr#	Item #	DESCRIPTION		Quantity	Brand Required	Brand Quoted
		Functions	Print			
01	<u>1</u> <u>Printer</u> <u>Black</u> <u>&</u> <u>White</u>	Print speed black (ISO, A4)	Up to 38 ppm (default); Up to 40 ppm (high speed mode)	05	HP, Canon or Equivalent	
		First page out black (letter, ready)	As fast as 6.3 sec			
		First page out black (A4, ready)	As fast as 6.5 sec			
		Duplex printing	Automatic (default)			
		Duty cycle (monthly, letter)	Up to 100,000 pages Up to 100,000 pages			
		Duty cycle (monthly, A4)	Up to 100,000 pages			
		Recommended monthly page volume	900 to 4,800 pages			
		Print quality black (best)	Up to 1200 x 1200 dpi			
		Print technology	Laser			
		Connectivity, standard	1 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network			
		Connectivity, optional	Jetdirect LAN Accessory 8FP31A; Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A			
		Mobile printing	ePrint; Apple AirPrint™;			



capability	Mopria™ Certified; PrinterOn Print 3
Network capabilities	Yes, via Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (Optional); Second Ethernet port (Optional).
Display	6.75 cm diagonal Colour TFT-LCD back-lit (960 (H) x 240 (V))
Processor speed	800 MHz
Maximum Memory	1 GB
Storage	4 GB eMMC
Compatible Operating Systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina
Paper handling input, standard	100 sheet tray 1, 250 sheet input tray 2
Paper handling output, standard	150 sheet output bin
Paper handling input, optional	Optional third 550 sheet tray
Finished output handling	Sheet feed
Media sizes supported	Tray 1: A4, RA4, A5, B5

			(JIS), B6 (JIS), 10 x 15 cm, A6, 16K, envelopes (B5, C5 ISO, C6, DL ISO); Custom: 76 x 127 to 216 x 356 mm; Tray 2: A4; RA4; A5; B5 (JIS); B6 (JIS); A6; 16K; 105 x 148 to 216 x 356 mm; Optional Tray 3: A4; RA4; A5; B5 (JIS); B6 (JIS); A6; 16K; 105 x 148 to 216 x 356 mm			
		Media sizes, custom	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm; Optional Tray: 105 x 148 to 216 x 356 mm			
		Power consumption	531 watts (active printing), 8.1 watts (ready), 1.2 watts (sleep), 0.07 watts (auto-off/manual-on), 0.07 watts (manual off)			
		Power	220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz)			
		Operating temperature range	15 to 32.5°C			
		Warranty	One-year on Site hardware warranty			
02	Printer 3 in 1	Connectivity	Ports: Hi-Speed USB 2.0; Fast Ethernet 10/100Base-Tx network port; Wireless 802.11 b/g/n Wireless capability: Yes, built-in Wi-Fi 802.11b/g/n	03	HP, Canon or Equivalent	
		Copy	Copier settings: Copies; Original Size; Reduce/Enlarge;			

	<p>Darkness; Original Type; Collation; 2-Up; 4-Up; ID Copy; Adjust Background; Auto Fit Copy</p> <p>Maximum number of copies: Up to 99 copies</p> <p>Copy reduce / enlarge settings: 25 to 400%</p> <p>Copy speed (black, normal): Up to 20 cpm</p> <p>Copy resolution.: Up to 600 x 600 dpi</p>
Environmental	<p>Acoustic power emissions (active, printing): 6.5 B(A) (printing at 20 ppm)</p> <p>Recommended operating humidity range: 20 to 70% RH (non-condensing)</p> <p>Recommended operating temperature range (Celsius): 15 to 27°C</p> <p>Storage temperature range (Celsius): -20 to 40°C</p>
Fax	<p>Fax available: Yes, black & white and color (send only)</p> <p>Fax features: Permanent fax memory backup, color faxing, auto fax reduction, auto redialing, delayed sending, fax forwarding, PC fax, secure receive.</p> <p>Fax Resolution Black (best): Up to 300 x 300 dpi</p> <p>Fax memory: Up to 400 pages</p> <p>Telephone handset supported: No</p> <p>Fax telephone mode supported: Yes.</p> <p>Modem: 33.6 kbps</p> <p>Fax Speed Dials, Maximum Number: Up to 200 numbers</p>
Memory	Memory: 128 MB
Mobile	Mobile printing services: Apple AirPrint™; Google Cloud Print™; Mobile



printing capability	Apps; Mopria™ Certified; Wi-Fi® Direct Printing
Networking	Network protocols, supported: Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6); Management: SNMPv1/v2/v3, HTTP
Paper handling	Input capacity: Up to 150 sheets Output capacity: Up to 100 sheets Media sizes supported (metric): A4; A5; A5 (LEF); B5 (JIS); Oficio; Envelope (DL, C5) Media sizes, custom (metric): 76 x 127 to 216 x 356 mm Media types: Plain, Thick, Thin, Cotton, Colour, Preprinted, Recycled, Labels, CardStock, Bond, Archive, Envelope Media weight supported (metric): 60 to 163 g/m ²
Paper handling - ADF	Automatic document feeder capacity: Standard, 40 sheets Media size (ADF): B5 Media weight supported, ADF (metric): 60 to 105 g/m ²
Power	Energy savings feature technology: Power saving. Power supply type: Internal (Built-in) power supply Power supply: 220 to 240 VAC, 50/60Hz Power consumption: 300 watts (Active Printing), 38 watts



	(Ready), 1.9 watts (Sleep), 0.2 watts (Manual Off)
Printing specifications	Print technology: Laser Duplex printing: Manual (driver support provided) Print resolution (best): Up to 1,200 x 1,200 dpi Maximum print area (metric): 216 x 356 mm Monthly duty cycle: Up to 10,000 pages
Scanner	Scanner advanced features: Scan to WSD (network support only); Book Scanning; Poster stitching for multiple scan; Text converting; Scan to E-Book; Existing file to E-Book Scan technology: Contact Image Sensor (CIS) Scan resolution, hardware: Up to 4800 x 4800 dpi Levels of grayscale: 256 Bit depth: 8-bit (mono); 16-bit (color) Maximum flatbed scan size (metric): 216 x 297 mm Minimum ADF scan size (metric): 145 x 145 mm Maximum ADF scan size (metric): 216 x 356 mm
Security	Security management: Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change; SNMPV2/V3; IPsec; Filtering: MAC, IPv4, IPv6
System requirements	Minimum system requirements for Windows: Windows 7 or newer, Intel® Pentium® IV 1 GHz 32/64-bit processor or higher, 1 GB RAM, 16 GB HDD Compatible Network Operating

			Systems: Windows®: 7 (32/64-bit), 2008 Server R2, 8 (32/64-bit), 10 (32/64-bit), 2012 Server, 2016 Server Operating system (supported note): Windows 7 or higher			
		Warranty	One-year hardware warranty			
03	Heavy Duty Printer	Functions	Print	01	HP, Canon or Equivalent	
		Print speed black (ISO, A4)	Up to 43 ppm (default); Up to 50 ppm (high speed mode)			
		First page out black (letter, ready)	As fast as 5.9 sec			
		Duplex printing	Automatic (standard)			
		Duty cycle (monthly, letter)	Up to 150,000 pages			
		Duty cycle (monthly, A4)	Up to 150,000 pages			
		Recommended	2000 to 7,500 pages			

month ly page volum e	
Print qualit y black (best)	Up to 1200 x 1200 dpi
Print techn ology	Laser
Conne ctivity , stand ard	1 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet; 1 Hardware Integration Pocket
Conne ctivity , option al	Yes, via Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional); Second Ethernet port (optional).
Mobil e printi ng capab ility	ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™
Displa y	6.86 cm (2.7 in) QVGA LCD (colour graphics)
Proce ssor speed	1.2 GHz
Maxi mum	1.5 GB MAX memory, when Accessory DIMM is installed



Memo ry	
Memo ry	512 MB
Intern al Stora ge	Optional, 500 GB minimum encrypted hard disk drive
Comp atible Opera ting Syste ms	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14
Paper handli ng input, stand ard	100 sheet multipurpose Tray 1, 550 sheet input Tray 2, automatic duplex printing
Paper handli ng output, stand ard	250 sheet output bin
Paper handli ng input, option al	Up to 3 optional 550 sheet paper feeders
Finish ed output	Sheetfed



t handling				
Media sizes supported	Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, postcards (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340 mm), 16K, postcards (JIS double); Optional 550 sheet Tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340 mm), 16K, postcards (JIS double); Optional Automatic Duplexer: A4, RA4, Oficio (216 x 340 mm)			
Media sizes, custom	Tray 1: 76.2 x 127 to 215.9 x 355.6 mm; Tray 2: 105 x 148 to 215.9 x 355.6 mm; Optional 550 sheet Tray: 105 x 148 to 215.9 x 355.6 mm			
Power consumption	601 (Active Printing), 7.60 (Ready), 2.61 watts (Sleep), 0.06 watts (Auto-Off), 0.06 watts (Off), Auto Off/Wake on LAN 0.73 Watt 6			
Power	Input voltage: 220 V to 240 V nominal (+/- 10%), 50 - 60Hz nominal (+/- 3Hz), 4 A			
Operating temperature range	10 to 32.5°C			
Warranty	One-year, next-business day, onsite warranty.			
04 SCANNER				
Image Sensor	CIS x 2	01 No	HP, Canon or Equivalent	
Light Source	LED			

Optical Resolution	600 dpi
Hardware Resolution	600 x 600 dpi
Scan Modes	Color: Input 48-bit, Output 24-bit Grayscale: Input 16-bit, Output 8-bit Black & White: 1-bit
ADF Capacity	1. 50 sheets (A4/ Letter, 70 g/m ² or 18 Lbs), Max. thickness under 5mm (0.2"). 2. 20 sheets (Business Cards). 3. Plastic Card, Max. thickness under 1.2 mm. Note: Maximum ADF capacity varies, depending upon paper weight.
Scanning Speed (ADF)	30 ppm/ 60 ipm (Grayscale mode, 200 & 300 dpi, A4 Portrait) 30 ppm/ 60 ipm (B&W mode, 200 & 300 dpi, A4 Portrait) 30 ppm/ 60 ipm (Color mode, 200 & 300 dpi, A4 Portrait) Note: Results may vary depending upon your scanning application, computer processor and system memory.
Scanning Area (W x L)	Max: 216 x 5080 mm (8.5" x 200") Min: 13.2 x 13.2 mm (0.52" x 0.52")
Acceptable	Max: 220 x 5080 mm (8.66" x 200") Min: 63.5 x 50.8 mm (2.5" x 2")



Paper Sizes (W x L)	
Acceptable Paper Weight (Thickness)	50 to 105 g/m ² (14 to 28 Lbs)
Multi-feed Detection	With ultrasonic technology
Daily Duty Scan (Sheets)	4,000
Roller Lifetime (Scans)	300,000
Pad Lifetime (Scans)	50,000
Action Buttons	3 Buttons: Up, Down, Scan. 9 Function Keys. All Customizable.

		Interf ace	USB 2.0 RJ45 LAN (only support Windows)			
		Opera ting Syste m	Windows XP / Vista / 7 / 8 / 10 / 11 macOS 10.8.x/ 10.9.x/ 10.10.x/ 10.11.x/ 10.12.x/ 10.13.x/ 10.14.x/ 10.15.x/ 11.x/ 12.x/ 13.x			
05	USB 128 GB	USB 3.0, Write Speed 60 MB/s, Read Speed 130 MB/s		12No	Kignston, Sandisk or Eq	
06	USB 64 GB	USB 3.0, Write Speed 60 MB/s, Read Speed 130 MB/s		20 No	Kignston, Sandisk or Eq	
07	External Hard Drive	2 TB Portable, Passport HDD, Black Color, USB 3.0 Connectivity, Compatible with Windows. Mac and Chromebook Drag and drop file saving, right out of the box 1 Year Warranty		12 No	Sea Gate, A- Data or Eq	
08	Power Bank	20000 mAh Power Bank	20000mAh high density Li-Po battery, compatible with multiple mainstream phones and other smarter devices. Dual USB-A Output: Charging for two devices, 9V-2A MAX, 12V-1.5A MAX. Dual Input ports: Micro USB + USB-C 9-layer circuit chip protection guarantees charging safety and enhances charging efficiency. Portable use, applied for LED lamp, portable pocket-sized fan, and more needs. Battery type: Lithium-ion Polymer Battery Battery energy: 74Wh 3.7V 20000mAh Rated Capacity: 12000mAh (5.1V/3.6A) Input Interface: Micro-USB/USB-C Input: Micro/USB-C: 5V 2.1A, 9V 2.1A, 12V 1.5A Output: 9V 2A MAX, 12V 1.5A MAX Output Interface: 2xUSB-A	07 No's	Xiaomi, Samsung or Eq	
09	Power Bank	10000 mAh Power	Rated Capacity: 37Wh 3.7V 10000mAh Input ports: Micro-USB/USB-C Input Parameters: 5V/2.1A (10W)	22 No's	Xiaomi, Samsung or Eq	



		Bank	Output Ports: 2 x USB-A Output Parameters: Single port: 5.1V/2.4A (10W) Dual Port: 5.1V/2.6A (10W)			
10	Drone Camera	Aircraft	Takeoff Weight: <249 g [1] Dimensions: (L×W×H) Folded: 145×90×62 mm Unfolded: 171×245×62 mm Unfolded (with propellers): 251×362×70 mm Diagonal Length: 247 mm Max Ascent Speed: 5 m/s (S Mode) 3 m/s (N Mode) 2 m/s (C Mode) Max Descent Speed: 5 m/s (S Mode) 3 m/s (N Mode) 1.5 m/s (C Mode) Max Speed: (at sea level, no wind) [2] 16 m/s (S Mode) 10 m/s (N Mode) 6 m/s (C Mode) Max Service Ceiling Above Sea Level: With Intelligent Flight Battery: 4000 m With Intelligent Flight Battery Plus [7]: 3000 m [3] Max Flight Time: 34 mins (with Intelligent Flight Battery and measured while flying at 21.6 kph in windless conditions) 47 mins (with Intelligent Flight Battery Plus [7] and measured while flying at 21.6 kph in windless conditions). Only available in select countries. Max Hovering Time: 30 mins (with Intelligent Flight Battery, no	01 No	DJI, 3DR or Eq	

		<p>wind)</p> <p>40 mins (with Intelligent Flight Battery Plus [7], no wind)</p> <p>Max Flight Distance:</p> <p>18 km (with Intelligent Flight Battery and measured while flying at 43.2 kph in windless conditions)</p> <p>25 km (with Intelligent Flight Battery Plus [7] and measured while flying at 43.2 kph in windless conditions)</p> <p>Max Wind Speed Resistance: 10.7 m/s (Level 5)</p> <p>Max Tilt Angle:</p> <p>Forward: 40°, Backward: 35° (S Mode)</p> <p>25° (N Mode)</p> <p>25° (C Mode)</p> <p>Operating Temperature: -10° to 40° C (14° to 104° F)</p> <p>Global Navigation Satellite System (GNSS): GPS + Galileo + BeiDou</p> <p>Operation Frequency:</p> <p>2.400-2.4835 GHz</p> <p>5.725-5.850 GHz [4]</p> <p>Transmitter Power (EIRP):</p> <p>2.4 GHz: <26 dBm (FCC), <20 dBm (CE/SRRC/MIC)</p> <p>5.8 GHz: <26 dBm (FCC/SRRC), <14 dBm (CE)</p> <p>Hovering Accuracy Range:</p> <p>Vertical:</p> <p>±0.1 m (with vision positioning)</p> <p>±0.5 m (with GNSS positioning)</p> <p>Horizontal:</p> <p>±0.3 m (with vision positioning)</p> <p>±0.5 m (with high-precision positioning system)</p>			
		Sensi	Forward:		



ng Syste m	<p>Precision Measurement Range: 0.39-25 m Effective Sensing Speed: Flight speed <10.5 m/s FOV: Horizontal 106°, Vertical 90°</p> <p>Backward: Precision Measurement Range: 0.36-23.4 m Effective Sensing Speed: Flight speed <8 m/s FOV: Horizontal 58°, Vertical 73°</p> <p>Downward: Precision Measurement Range: 0.15-9 m Precise Hovering Range: 0.5-12 m Vision Sensor Hovering Range: 0.5-30 m Effective Sensing Speed: Flight speed <3 m/s FOV: Forward/Backward 104.8°, Left/Right 87.6°</p> <p>Auxiliary Bottom Light: N/A</p> <p>Operating Environment: Diffuse reflective surface with a clear pattern and reflectivity >20% (such as cement pavement) Adequate lighting (lux >15, e.g. , normal exposure environment with indoor fluorescent lamp)</p>
Gimb al	<p>Mechanical Range: Tilt: -135° to 80° Roll: -135° to 45° Pan: -30° to 30°</p> <p>Controllable Range: Tilt: -90° to 60° Roll: -90° or 0°</p> <p>Stabilization: 3-axis mechanical gimbal (tilt, roll, and pan) Max Control Speed (tilt): 100°/s Angular Vibration Range: ±0.01°</p>
Came ra	<p>Sensor: 1/1.3-inch CMOS</p>



		<p>Effective Pixels: 48 MP</p> <p>Lens: FOV: 82.1° Format Equivalent: 24 mm Aperture: f/1.7 Focus Range: 1 m to ∞</p> <p>ISO Range: Video: 100-6400 (Auto), 100-6400 (Manual) Photo: 100-6400 (Auto), 100-6400 (Manual)</p> <p>Shutter Speed: Electronic Shutter: 2-1/8000 s</p> <p>Max Image Size: 8064 × 6048</p> <p>Still Photography Modes: Single Shot</p> <p>Interval: JPEG: 2/3/5/7/10/15/20/30/60 s JPEG + RAW: 2/3/5/7/10/15/20/30/60 s</p> <p>Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 2/3 EV Bias</p> <p>Panorama: Sphere, 180°, Wide-angle, and Vertical</p> <p>Photo Format: JPEG/DNG (RAW)</p> <p>Video Resolution: 4K: 3840×2160@24/25/30/48/50/60fps 2.7K: 2720×1530@24/25/30/48/50/60fps FHD: 1920×1080@24/25/30/48/50/60fps Slow Motion: 1920×1080@120fps</p> <p>HDR Mode: Photo: HDR supported in Single Shot mode Video: HDR supported when shooting at 24/25/30fps</p> <p>Video Format: MP4/MOV (H.264/H.265)</p> <p>Max Video Bitrate: 150 Mbps</p> <p>Zoom Range:</p>		
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	<p>4K: 2x 2.7K: 3x FHD: 4x QuickShot Modes: Dronie, Helix, Rocket, Circle, Boomerang, and Asteroid Color Profiles: Normal D-Cinelike Supported File System: FAT32 (≤32 GB) exFAT (>32 GB)</p>
Video Transmission	<p>Live View Quality: 1080p/30fps Operation Frequency: 2.400-2.4835 GHz 5.725-5.850 GHz Transmitter Power (EIRP): 2.4 GHz: <26 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.8 GHz: <26 dBm (FCC/SRRC), <14 dBm (CE) Communication Bandwidth: 1.4MHz/3MHz/10MHz/20MHz/40MHz Latency (depending on environmental conditions and mobile device): Aircraft + Remote Controller: Approx. 120 ms Max Video Bitrate: Aircraft + Remote Controller: 18 Mbps Max Download Bitrate: Wi-Fi 5: 25 MB/s or Higher Signal Transmission Ranges: Strong Interference (urban landscape): Approx. 1.5-3 km Medium Interference (suburban landscape): Approx. 3-7 km Low Interference (suburb/seaside): Approx. 7-12 km Antennas: 4 antennas, 1T2R</p>

Wi-Fi	Protocol: 802.11 a/b/g/n/ac Transmitter Power (EIRP): 2.400-2.4835 GHz: < 19 dBm (FCC/CE/SRRC/MIC) 5.725-5.850 GHz: < 20 dBm (FCC/SRRC), < 14 dBm (CE)
Bluetooth	Protocol: Bluetooth 5.2 Transmitter Power (EIRP): 2.400-2.4835 GHz: < 8 dBm
Intelligent Flight Battery	Capacity: 2453 mAh Weight: Approx. 80.5 g Voltage: 7.38 V Charging Voltage Limit: 8.5 V Battery Type: Li-ion Energy: 18.1 Wh Charging Time 64 mins (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 56 mins (with the DJI 30W USB-C Charger and the battery inserted into the DJI Mini 3 Pro Two-Way Charging Hub) Charging Temperature Range: 5° to 40° C (41° to 104° F)
Intelligent Flight Battery Plus	Capacity: 3850 mAh Weight: Approx. 121 g Voltage: 7.38 V Charging Voltage Limit: 8.5 V Battery Type: Li-ion Energy: 28.4 Wh Charging Time 101 mins (with the DJI 30W USB-C Charger and the battery mounted to the aircraft) 78 mins (with the DJI 30W USB-C Charger and the battery inserted into the DJI Mini 3 Pro Two-Way Charging Hub) Charging Temperature Range: 5° to 40°



			C (41° to 104° F)			
		Memory Cards	Supported Memory Cards UHS-I Speed Class 3 or above is required.			
		Remote Controller	Transmitter Power (EIRP): 2.400-2.4835 GHz: <26 dBm (FCC), <20 dBm (CE/ETSI/MIC) 5.725-5.850 GHz: <26 dBm (FCC), <23 dBm (ETSI), <14 dBm (CE) Max Supported Mobile Device Size: Length: 180 mm, Width: 86 mm, Height: 10 mm Supported Port Types: Lightning, Micro-USB (Type-B), USB-C Max Battery Time: 6 hrs (without charging any mobile device) 4 hrs (when charging a mobile device) Operating Temperature: -10° to 40° C (14° to 104° F)			
		Charging Hub	Input 5 V, 3 A 9 V, 3 A 12 V, 3 A Output (USB): Max Voltage: 5 V, Max Current: 2 A Charging Type: Three batteries being charged in sequence			
		App	Mobile Device App: Yes			
11	NVR and CCTV Cameras with fittings and installation Dahua	4MP WDR IR Mini-Bullet Camera	1/3" 4Megapixel progressive CMOS H.265 & H.264 dual-stream encoding 20fps@4M(2688x1520) & 25/30fps@3M(2304x1296) RAM 256MB, ROM 32MB WDR(120db), Day/Night (ICR), 3DNR, AWB,AGC, BLC 2.8 mm fixed lens (3.6mm optional) Max IR LEDs Length 30m IP67, PoE	19 No	Dahua or Eq	

	or Eq.		1-year on-site Warranty Note: Installation, configuration, and commissioning price should be included. Before quote of price participant may visit the site for wiring estimate			
		16 Channel 1U 4K& H.265 Pro Network Video Recorder 01	16-channel IP video access Smart H.265+/Smart H.264+/H.265/H.264/MJPEG; H.265 auto switch Max 320 Mbps incoming bandwidth Up to 24MP resolution for live view and playback HDMI/VGA simultaneous video output Supports 2 SATA III Ports, 10 TB capacity for each HDD 2 USB Ports (1 USB 3.0 , 1 USB 2.0) Quad-core embedded processor 1-channel fisheye dewarping (AI by NVR) AI by Camera: Perimeter protection; face detection and recognition; SMD Plus; video metadata; ANPR; people counting; stereo analysis; crowd distribution; heat map Installation, configuration, and commissioning 1-year on-site Warranty Note: Installation, configuration, and commissioning price should be included. Before quote of price participant may visit the site for wiring estimate			
		Ethernet Cable	Cat 6 or Eq	750 MTr		
		PVC Pipe 3/4 " including all access	Best Quality, Branded	30 No's		

12	Wireless	ories			
		Extension Board		02 No's	
		Duct 3/4" including all accessories		12 No's	
		UPV Electric Pipe		500 SFT	
		POE Switch Box 2U Rack		1 No	
		1.5 Feet Single Stand		3 No's	
		Digging, Civil Work		600 Feet	
		Camera Box		8 No's	
		CAT 6 RJ Connector		1 PKT	
		Installation		19 No	
12	Wireless	Receiver		01 No	

	s Microphone	Receiver Output Sensitivity	500-700 MV			Audionic or Eq	
		Frequency	Works on 261.8 Mhz				
		Voltage	DC 5-8V voltage				
		Microphone					
		HD Sound Quality	For all sorts of large or small gatherings.				
		Output Sensitivity	170MV output sensitivity to provide ample range.				
		Frequency	Works on 261.8 Mhz				
13	Sound System	Drive Unit Woofer Size	15 inch				
		Wireless Handheld MIC	Yes				
		Wireless HeadGear MIC	Yes				
		Karaoke MIC Port	Yes				
		Echo/Repeat	Yes				
		7 Color Light	Yes				
		Remote	Yes				
		Table Effect	Yes				
		Live Recording	Yes				
		Bluetooth Supported	Yes				
		Battery Capacity	Upto 4-6 hours				
		Power	RMS 50W				
		Back Load	Yes				
				01 No		Audionic or Eq	

		<table><tr><td>USB/TF Card Supported</td><td>Yes</td></tr><tr><td>AUX in / AUX Out Supported</td><td>Yes</td></tr><tr><td>FM Radio</td><td>Yes</td></tr><tr><td>AC/DC Function</td><td>Yes</td></tr><tr><td>Rechargeable Battery</td><td>Yes</td></tr><tr><td>Speaker Stand</td><td>Yes</td></tr><tr><td>Audio Out for connect multiple Speakers</td><td>Yes</td></tr></table>	USB/TF Card Supported	Yes	AUX in / AUX Out Supported	Yes	FM Radio	Yes	AC/DC Function	Yes	Rechargeable Battery	Yes	Speaker Stand	Yes	Audio Out for connect multiple Speakers	Yes			
USB/TF Card Supported	Yes																		
AUX in / AUX Out Supported	Yes																		
FM Radio	Yes																		
AC/DC Function	Yes																		
Rechargeable Battery	Yes																		
Speaker Stand	Yes																		
Audio Out for connect multiple Speakers	Yes																		
14	Audio Video Solution	Camera Sony super-low-light 2M pixel sensor for clear and natural imaging in low-light conditions Resolution: (16:9) 1920 x 1080, 1600 x 900, 1280 x 720, 960 x 540, 848 x 480, 800 x 448, 640 x 360, 424 x 240, 320 x 180; (4:3) 800 x 600, 640 x 480, 480 x 360, 320 x 240 at 60, 30, 15fps SmartFrame for automatic FOV adjustment to fit all participants Smart Gallery* function offers great visibility for individual participant in the meeting room Innovative Preset Framing: Follow presenter based on preset areas True WDR up to 120dB: Superb backlight compensation technology for optimizing light balance in high-contrast conditions Zoom: 24X* total zoom (12X optical zoom) Field of view(D/H/V): 84.5°/76°/48° Lens focal length: 3.9 mm (wide) ~ 47.3 mm (tele) Lens F#: 1.8 (wide) ~ 2.8 (tele) Mirror, Flip, AE, white balance: auto, manual override via PTZApp 2 Minimum focus distance: 1.5 m Standard tripod screw holes and Kensington slot	01 No	AVER or Eq															

			People-counting API: enterprises and third-party software providers can obtain people-counting data for better understanding of meeting-space usage			
		Motorized Pan & Tilt Movement	Pan: $\pm 170^\circ$ Tilt: $+90^\circ$ (up) -30° (down) 10 camera presets (via remote control) Fast and quiet pan & tilt movement			
		Video Format	YUV, YUY2, MJPEG, NV12 Network video compression format: H.264, H.265 Network protocols: RTSP, RTMP			
		Speakerphone	Full duplex microphone array with echo cancellation Advanced noise suppression Dual-omnidirectional microphone array 3.5 mm phone-in jack 3.5 mm line out Speaker: 6W, Adjustable to 90dB SPL at 0.5 m Touch controls for volume down/up, mute, phone input (Microsoft Teams SKU w/o this function), call, hang-up, and, Teams button* Bridge phone-in and USB into one call Security: Kensington slot			
		Audio Format	AAC-LC Network protocol: RTSP, RTMP			
		Connectivity	12V/5A power adaptor Mini DIN9 for RS232 in & out connection (VISCA control panel and camera daisy-chain) USB 3.1 Type-B connector IP (RJ45)			
		Envir	Operation temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$			

onmental Data	Operation humidity: 20% ~ 80% Storage temperature: -20°C ~ 60°C Storage humidity: 20% ~ 80%
Dimensions	Package dimensions: 259 x 259 x 349 mm* Package weight: 5.4 kg* Camera: 142.7 x 153 x 182 mm/1.45 kg Speakerphone: 220 x 181.5 x 49.5 mm/0.85 kg Remote control: 200 x 50 x 21 mm/0.09 kg
Package Contents	Camera Speakerphone Remote control Power adapter Power cord (6 ft/1.8 m) USB2.0 type-B to type-A cable (16.5 ft/5 m) Camera to Speakerphone Cable (33ft/ 10m) 3.5 mm aux cable (3 ft/0.9 m) QR code card Wall-mount bracket ¼" tripod screw 2 Expansion microphone and 5 m Cable*
USB	3.1 Gen 1 Type-B, backward compatible with USB 2.0 UVC (USB video class) 1.1 UAC (USB audio class) 1.0
Control	IR remote control 128 preset points via command Remote side: IP (RJ45) UVC/UAC plug-and-play WebUI: Browser IP access via Chrome (does not support Internet Explorer)
Mount	Camera wall-mount bracket included. Optional foldable TV mount Optional ceiling mount
System Requirements	Windows® 7/10/11 Mac OS X 14.4 or higher Chromebox 3 version 94.0.4606.114 or



		remnants Hardware Specs Power Supply Optional Accessories Warranty Compatible Applications	later 3.2 GHz Intel® Core™ i5-4460 Processor or higher 4 GB RAM or more USB 3.1 port, backward compatible with USB 2.0 port AC 100V ~ 240V, 50/60 Hz Consumption: 12V, 5A Mini DIN8 to D-SUB9 RS232 adapter Expansion Speakerphone Expansion Microphone Foldable TV mount USB3.1 fiber extender 10m/20m/30m USB3.1 type-B to type-A cable 3m Ceiling mount Note: (Prices for Optional Accessories should be mentioned, in case of extension optional accessories may be demanded on quoted price) Camera / Speakerphone: 3 years at installation site. Accessories: 1 year at installation site Zoom, Microsoft® Teams, Skype for Business, Skype, Google Meet, Intel® Unite™, CyberLink U Meeting®, Adobe® Connect™, Cisco Webex®, GoToMeeting™, Microsoft® Lync™			
15	Multimedia Project	LCD Panel	16.0 mm (0.63 in) diagonal (4:3 aspect ratio)	01 No	Panasonic, Samsung or Eq.	

	or	Panel Size				
		LCD Panel Number of pixels	786,432 (1024 x 768 pixels) x 3			
		Light Source	230 W x 1 lamp			
		Light Output *2	3,600 lm			
		Lamp replacement cycle* 3	Normal: 10,000 h/Eco: 20,000 h/Quiet: 10,000 h			
		Filter Replacement	Normal: 5,000 h/Eco: 6,000 h/Quiet: 10,000 h			

		Cycle				
		Resolution	1024 x 768 pixels			
		Contrast Ratio *2	20,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, Daylight View: Off, Lamp control: Normal)			
		Screen size [diagonal]	0.76–7.62 m (30–300 in), 4:3 aspect ratio			
		Center-to-corner zone ratio* 2	85 %			
		Lens	Manual zoom (1.2x), manual focus lens, F = 2.1–2.25, f = 19.11–22.94 mm, throw ratio: 1.47–1.77:1			

		Keyst one Corre ction Rang e	Vertical: $\pm 30^\circ$ (Auto, Manual)			
		Instal lation	Ceiling/desk, front/rear			
		Term inals HDM I In	HDMI 19-pin x 1 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)			
		Term inals Comp uter 1 In	D-sub HD 15-pin (female) x 1 [RGB/YPBPR/YC]			
		Term inals Video In	Pin jack x 1			
		Term	M3 (L,R) x 1			

		inals Audio In 1				
		Term inals Audio In 2	Pin jack x 2 (L,R)			
		Term inals Audio Out	M3 (L,R) x 1 (Variable)			
		Term inals Serial In	D-sub 9-pin (female) x 1 for external control (RS-232C compatible			
		Powe r Suppl y	AC 100–240 V, 50/60 Hz			
		Powe r Cons umpti on	300 W			

		Built in Speaker	2 W monaural			
		Cabinet Materials	Molded plastic			
		Dimensions (W x H x D)	335 x 96*5 x 252 mm (13 3/16" x 3 25/32" *5 x 9 29/32")			
		Weight*6	Approx. 2.8 kg (6.2 lbs)			
		Operating Environment	Operating temperature*7: Normal use: 5–40 °C (41–104 °F) at altitudes less than 1,400 m (4,593 ft); 5–35 °C (41–95 °F) at altitudes of 1,400–2,700 m (4,593–8,858 ft); Operating humidity: 20–80 % (No condensation)			
		Term	D-sub HD 15-pin (female) x 1			

		inals Monit or Out	[RGB/YPBPR]			
		Light output	3,600 lm			
16	IT Accessories	Wired Keyboard and Mouse set	Branded	10	A4 Tech, Logitech or Eq	
17	Wireless Mouse	Wireless Mouse	Sensor Technology: Smooth optical tracking DPI (Min/Max): 1000± Buttons Number of Buttons: 3 (Left/Right-click, Middle click) Scrolling: Line-by-line scrolling Scroll Wheel: Yes, 2D, optical Battery Battery: 12 months 1Battery life may vary based on user and computing Battery Details: 1 x AA (included) Connectivity Connection Type: 2.4 GHz wireless connection Wireless range: 10 m (33ft) 2Wireless range may vary based on user, environmental and computing conditions.	05 No's	A4 Tech, Logitech or Eq	

			<p>Connect / Power: Yes, on/off switch</p> <p>Sustainability</p> <p>Blue Gray plastics: 38% post-consumer recycled material 3Excludes receiver and printed wiring assembly (PWA) plastics, and packaging.</p> <p>Rose plastics: 38% post-consumer recycled material 4Excludes receiver and printed wiring assembly (PWA) plastics, and packaging.</p> <p>Off white plastics: 59% post-consumer recycled material 5Excludes receiver and printed wiring assembly (PWA) plastics, and packaging.</p> <p>Warranty Information</p> <p>1-Year Limited Hardware Warranty</p>			
18		Power Cables (Desktop, LCD, Server, Network Switches)	New, Best Quality	10		
19		VGA Cables	New, Best Quality	10		
20		HDMI Cables	New, Best Quality	10		
21		Printer Cables	New, Best Quality	5		

Note: Item # 18, 19, 20,21 as per sample approved by the MPMC MIS Department



Other Terms & Conditions:

1. In Technical Evaluation, the quoted goods with no. 1 quality will be preferred over low quality products.
2. If the supplied products will differ from quoted items or displayed sample, the bidder shall be penalized OR The bidder has to replace low quality products that do not conform with the required specifications with products that conforms with required specifications and standards in the same price and without incurring any additional cost.
3. The contractor should deliver the required quantity of items within 07 days of receipt of Purchase Order or on the defined time lines as mentioned in the delivery schedule of PO.
4. Contractor is required to provide item at **MWMC Head Office** and all costs involved in supply of Items at the MWMC Workshop shall be borne by the contractor.
5. The delivery shall **ONLY** be made by the Contractor on the receipt of Purchase Order (mentioning required quantity) from the MWMC (Purchaser).
6. The delivery shall be made by the Contractor **As and When Required** under arrangement on the receipt of Purchase Order from the MWMC (Purchaser).
7. Contractor is required to send original invoice bearing the reference no. of Purchase Order with a copy of Certified Delivery Challan

Stamp & Signature of Bidder _____

Section IV. Bidding Forms

1. Bid Submission Form

Date: _____
No: _____

To
[Client Address]

Having examined the bidding documents including Addenda Nos. *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer for **PROCUREMNET OF ICT EQUIPMENT FOR MWMC FY 2022-23** conformity with the said bidding documents.

We undertake, if our Bid is accepted, to deliver the services in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the **guarantee of a bank in a sum equivalent to 05% percent of the Contract Price** for the due performance of the Contract, in the form prescribed by the Client.

We agree to abide by this Bid for a period of 120 days from the date fixed for Bid opening under Clause 16 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____
(if none, state "none")		

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

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

2. Price Schedules

S.No	Item Name	Category	Quantity	Specifications	Unit Price in PKR inclusive of all applicable taxes	Total Price in PKR inclusive of all applicable taxes
1	Printer	B&W	5	Specification Attached		
2		3in1 Copier	3	Specification Attached		
3		Heavy Duty	1	Specification Attached		
4	Scanner	Heavy Duty	1	Specification Attached		
5	USB	128 GB	12	USB 3.0, Write Speed 60 MB/s, Read Speed 130 MB/s		
6	USB	64 GB	20	USB 3.0, Write Speed 60 MB/s, Read Speed 130 MB/s		
6	External Hard Drive	2 TB	12	Portable, Passport HDD, Black Color, USB 3.0 Connectivity, Compatible with Windows, Mac and Chromebook Drag and drop file saving, right out of the box 1 Year Warranty		
7	Power Banks	20,000 MAH for MO & DMs	5	Specification Attached		
8		10,000 MAH for Sector In charges	22			
9	Drone Camera	Quadcopter	1	Specification Attached		

10	CCTV Surveillance Camera with fitting and installation as per scope of Work mentioned in Technical Specifications		01	Specification Attached		
11	Wireless MIC		1	Specification Attached		
12	Sound System		1	Specification Attached		
13	Audiovisual solution		1	Specification Attached		
14	Multimedia Projector		1	Specification Attached		
15	IT Accessories	Wired Keyboard and Mouse set	10	Branded		
16		Wireless Mouse	5	Specification Attached		
17		Power Cables (Desktop, LCD, Server, Network Switches)	10	New, Best Quality		
18		VGA Cables	10	New, Best Quality		
19		HDMI Cables	10	New, Best Quality		
20		Printer Cables	5	New, Best Quality		

1. The bidder shall quote price for any or all of the above items and shall write nill against item not quoted
2. The blank or partially/ conditionally filled Bid Price Schedule shall be considered as non-responsive.
3. Evaluation shall be done Lot Wise Basis and contract will be awarded accordingly
4. In case of discrepancy between Rates per Unit and total Rates, the Unit Rates shall prevail.

5. Prices quoted by the bidder shall remain fixed and valid until completion of the Contract performance and will not be subject to variation on account of escalation.

FOR REFERENCE ONLY

BID SECURITY FORM

The Total Bid Security amounting to Rs. _____ (Rupees _____ only) in shape of “Call Deposit Receipt” of the Bank (Name) _____ is attached in accordance with Clause 15 of the Instructions to Bidders. The enclosed CDR number is _____.

Signature of Bidder _____

OR

Fill **Form of Bank Guarantee for Bid Security** at page No. 40-41, If the Bid Security is in the form of Bank Guarantee

ANNEX-AGENERAL PARTICULARS OF APPLYING CONTRACTOR

Firm's Information	
Name of Firm/Company	
Complete Postal Address	
Phone	
Contact Person / Designation	
Mobile Number	
E-Mail	
Fax Number	
Type of Organization	
Place of Incorporation/Registration	
Year of Incorporation/Registration	
Validity	
National Tax Number	

AFFIDAVIT FOR CORRECTNESS OF INFORMATION

AND

DECLARATION FOR NON-INVOLVEMENT IN ANY LITIGATION/BLACKLISTING

(To be printed on PKR 100 Stamp Paper)

Name of Firm: _____

I/we, the undersigned, do hereby certify that all the statements made in the Forms and in the supporting documents are true, correct and valid to the best of my knowledge and belief and may be verified by employer if the Purchaser, at any time, deems it necessary.

I/we hereby further declare that we are not involved in any litigation / arbitration / black listing by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan.

This is to further certify that we shall comply to the specifications, conditions and ensure availability of required items on the defined time lines as mentioned in Terms of Reference/Technical Specifications of this bidding Document

The undersigned hereby authorize and request the bank, person, firm or corporation to furnish any additional information requested by Multan Waste Management Company (MWMC) deemed necessary to verify this statement regarding my (our) competence and general reputation.

The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of MWMC.

MWMC, undertakes to treat all information provided as confidential.

Signed by an authorized Officer of the firm

Title of Officer: _____

Name of Firm: _____

Date: _____

Part-II

Section I. Contract Forms (DRAFT)

THIS AGREEMENT made the _____ day of _____ 20____ between *[name of Client]* (hereinafter called “the Client”) of the one part and *[name of Contractor]* of (hereinafter called “the Contractor”) of the other part:

WHEREAS the Client invited bids for **PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23** (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Terms of Reference (TORs);
 - (c) the General Conditions of Contract;
 - (d) the Special Conditions of Contract; and
 - (e) the Bank Guarantee (for Performance Security)
3. In consideration of the payments to be made by the Client to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Client to supply the services therein in conformity in all respects with the provisions of the Contract
4. The Client hereby covenants to pay the Contractor in consideration of the provision of the services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

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

Signed, sealed, delivered by _____ the _____ (for the Client)

Signed, sealed, delivered by _____ the _____ (for the Contractor)

Part-II

Section II. General Conditions of Contract

1. 1.1 In this Contract, the following terms shall be interpreted as indicated:
 - (a) “The Contract” means the agreement entered into between the Client and the Contractor, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
 - (b) “The Contract Price” means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligations.
 - (c) “The Goods” means PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23
 - (e) “GCC” means the General Conditions of Contract contained in this section.
 - (f) “SCC” means the Special Conditions of Contract.
 - (g) “The Client” means the organization hiring the services as named in SCC.
 - (h) “The Client’s country” is Islamic Republic of Pakistan.
 - (i) “The Contractor” means the individual or firm providing the Services under this Contract.
 - (j) “The Project Site,” where applicable, means the place or places named in SCC.
 - (k) “Day” means calendar day.
2. 2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.
3. 3.1 The services provided under this Contract shall conform to the standards mentioned in the Specifications. Such standards shall be the latest issued by the concerned institution.
4. Use of Contract 4.1 The Contractor shall not, without the Client’s prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Client in connection therewith,

to any person other than a person employed by the Contractor in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

4.2 The Contractor shall not, without the Client's prior written consent, make use of any document or information enumerated in GCC Clause 4.1 except for purposes of performing the Contract.

4.3 Any document, other than the Contract itself, enumerated in GCC Clause 4.1 shall remain the property of the Client and shall be returned (all copies) to the Client on completion of the Contractor's performance under the Contract if so required by the Client.

4.4 The Contractor shall permit the Procuring Agency to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Procuring Agency, if so required by the Procuring Agency.

5. 5.1 Within seven (07) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Client the performance security in the amount specified in SCC.

5.2 The proceeds of the performance security shall be payable to the Client as compensation for any loss resulting from the Contractor's failure to complete its obligations under the Contract.

5.3 The performance security shall be denominated in the currency of the Contract acceptable to the Client and shall be in one of the following forms:

(a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in Pakistan, in the form provided in the bidding documents or another form acceptable to the Client; or

5.4 The performance security will be discharged by the Client and returned to the Contractor not later than thirty (30) days following the date of completion of the Contractor's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.

6. 6.1 The Client or its representative shall have the right to monitor services being provided to confirm their conformity to the Contract specifications at no extra cost to the Client.

- 6.2 Should any monitoring of services fail to conform to the Terms of Reference, the Client may reject the Services, and the Contractor shall either make good the loss or make alterations necessary to meet specification requirements free of cost to the Client.
9.
 - 9.1 Deputation of Personnel shall be made by the Contractor in accordance with the terms specified in the Schedule of Requirements in the Work Order.
10.
 - 10.1 The method and conditions of payment to be made to the Contractor under this Contract shall be specified in SCC.
 - 10.2 The Contractor's request(s) for payment shall be made to the Client in writing, accompanied by an invoice describing, as appropriate, the Services performed, and by documents submitted, and upon fulfillment of other obligations stipulated in the Contract.
 - 10.3 Payments shall be made promptly by the Client, but in no case later than thirty (30) days after submission of an invoice or claim by the Contractor.
 - 10.4 The currency of payment is Pak. Rupees.
11.
 - 11.1 Prices charged by the Contractor for services performed under the Contract shall not vary from the prices quoted by the Contractor in its bid, with the exception of any price adjustments authorized in SCC or in the Client's request for bid validity extension, as the case may be.
12.
 - 12.1 The Client may at any time, by a written order given to the Contractor pursuant to GCC Clause 25, make changes within the general scope of the Contract in the 'Deployment Schedule of Machinery' (If required).
13.
 - 13.1 Subject to GCC Clause 12, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
 - 13.2. The Contract is further extendable by the mutual consent of both parties.
14.
 - 14.1 The Contractor shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Client's prior written consent.
15.
 - 15.1 The Contractor shall notify the Client in writing of all subcontracts awarded under this Contract if not already specified

in the bid. Such notification, in the original bid or later, shall not relieve the Contractor from any liability or obligation under the Contract.

15.2 Subcontracts must comply with the provisions of GCC Clause 3.

16. 16.1 Performance of Services shall be made by the Contractor in accordance with the time schedule prescribed by the Client in the Schedule of Requirements in Work Order.

16.2 If at any time during performance of the Contract, the Contractor or its subcontractor(s) should encounter conditions impeding timely performance of Services, the Contractor shall promptly notify the Client in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Contractor's notice, the Client shall evaluate the situation and may at its discretion extend the Contractor's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

16.3 Except as provided under GCC Clause 19, a delay by the Contractor in the performance of its delivery obligations shall render the Contractor liable to the imposition of liquidated damages pursuant to GCC Clause 17, unless an extension of time is agreed upon pursuant to GCC Clause 16.2 without the application of liquidated damages.

17. 17.1 Subject to GCC Clause 19, if the Contractor fails to perform any or all of the Services within the period(s) specified in the Contract, the Client shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum as specified in SCC of the delivered price of the delayed/non-conforming services or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Client may consider termination of the Contract pursuant to GCC Clause 18.

18. 18.1 The Client, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Contractor, may terminate this Contract in whole or in part:

(a) if the Contractor fails to deliver any or all of the Services within the period(s) specified in the Contract, or within any extension thereof granted by the Client pursuant to GCC Clause 9; or

(b) if the Contractor fails to perform any other obligation(s) under the Contract.

- (c) if the Contractor, in the judgment of the Client has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

“Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

“Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Agency, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Procuring Agency of the benefits of free and open competition.

- 18.2 In the event the Client terminates the Contract in whole or in part, pursuant to GCC Clause 18.1, the Client may procure, upon such terms and in such manner as it deems appropriate, Services similar to those unperformed, and the Contractor shall be liable to the Client for any excess costs for such similar Services. However, the Contractor shall continue performance of the Contract to the extent not terminated.

19.

- 19.1 Notwithstanding the provisions of GCC Clauses 16, 17, and 18, the Contractor shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

- 19.2 For purposes of this clause, “Force Majeure” means an event beyond the control of the Contractor and not involving the Contractor’s fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Client in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, freight embargoes and includes insufficiency or lack of funds for the project.

- 19.3 If a Force Majeure situation arises, the Contractor shall promptly notify the Client in writing of such condition and the cause thereof. Unless otherwise directed by the Client in writing, the Contractor shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

20. 20.1 The Client may at any time terminate the Contract by giving written notice to the Contractor if the Contractor becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Contractor, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Client.
21. 21.1 The Client, by written notice sent to the other party, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the convenience, the extent to which performance of the party under the Contract is terminated, and the date upon which such termination becomes effective.
22. 22.1 The Client and the Contractor shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

22.2 If, after thirty (30) days from the commencement of such informal negotiations, the Client and the Contractor have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed and/or arbitration.
23. 23.1 The Contract shall be written in the language specified in SCC. Subject to GCC Clause 24, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.
24. 24.1 The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan.
25. 25.1 Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by fax and confirmed in writing to the other party's address specified in SCC.

25.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.
26. 26.1 Contractor shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Services to the Client.

Part-II

Section III. Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. Definitions (GCC Clause 1)

GCC 1.1 (g)—The Client is: MWMC

GCC 1.1 (h)—The Client's country is: Islamic Republic of Pakistan

GCC 1.1 (i)—The Contractor is: [Detail]

GCC 1.1 (j)—The Project Site is: Multan

2. Performance Security (GCC Clause 5)

GCC 5.1—The amount of performance security, as a percentage of the Contract Price, shall be **05%** (Five percent of the contract price in the form of Bank Guarantee, CDR or any other form which shall remain valid for entire agreement period.)

3. Examination & Execution of Services (GCC Clause 6)

i) Examination of Services shall be as per Technical Specifications

ii) Contract Execution Schedule: As and When required by the Client during Contract period.

4. Provision of Services (GCC Clause 9)

i. Provision of the PROCUREMENT OF ICT EQUIPMENT FOR MWMC FY 2022-23 shall be made by the Contractor in accordance with the Technical Specifications and the terms specified in this Contract,

ii. The provision of the said Goods shall NOT be linked to any other payment which the Contractor may be entitled to receive from the Client and

iii. In case of any mala fide, deceptive and fraudulent tactics used in delaying/suspension of the said Services the Client reserves the right to forfeit Performance Security as per GCC Clause 5 and takes necessary Legal Action against the Contractor as per prevailing laws.

5. Payment (GCC Clause 10)

As per PPRA Rules, 2014.

6. Prices (GCC Clause 11)

GCC 11.1—Prices shall be: Fixed.

7. Liquidated Damages (GCC Clause 17)

GCC 17.1—Any delay or deficiency in service delivery may be liable to a penalty under following conditions:

- a. **If the vehicles do not reach on time at the sites communicated to the contractor (01% of the total Awarded Value for deficient services - per day or part thereof)**
- b. **If contractor fails to meet the timings for the operations: minimum 12 hours a day for pickups and Excavators and 5 trips for Dumpers (01% of the total Awarded Value for deficient services - per day or part thereof,)**

8. Resolution of Disputes (GCC Clause 22)

The dispute resolution mechanism to be applied pursuant to GCC Clause 22.2 shall be as follows:

In the case of a dispute between the Client and the Contractor, the dispute shall be referred to adjudication or arbitration in accordance with the Pakistan Arbitration Act, 1940.

9. Governing Language (GCC Clause 23)

GCC 23.1—The Governing Language shall be: English.

10. Applicable Law (GCC Clause 24)

GCC 24.1 – The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan

11. Notices (GCC Clause 25)

GCC 25.1—Client's address for notice purposes:

CEO, MWMC -----

Contractors Address for Notice Purpose: -----

(FORM OF BANK GUARANTEE FOR BID SECURITY)

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Client)

Name of Guarantor (Scheduled Bank in Pakistan) with address:

Name of Principal (Bidder) with address:

Penal Sum of Security (express in words and figures):

Bid Reference No. _____ Date of Bid _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound unto the _____, (hereinafter called The "Client") in the sum stated above, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid numbered and dated as above for _____ (Particulars of Bid) to the said Client; and

WHEREAS, the Client has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Client, conditioned as under:

(1) that the Bid Security shall remain valid for a period of 90 days beyond the period of validity of the bid;

(2) that in the event of;

(a) the Principal withdraws his Bid during the period of validity of Bid, or

the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 24 of Instructions to Bidders, or

(c) failure of the successful bidder to

(i) furnish the required Performance Security, in accordance with Sub-Clause 32 of Instructions to Bidders, or

(ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses 31 of Instructions to Bidders,

the entire sum be paid immediately to the said Client for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Client in accordance with his Bid as accepted and furnish within seven (07) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Client for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Client the said sum stated above upon first written demand of the Client without cavil or argument and without requiring the Client to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Client by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Client shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Client forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed the instrument under its seal on the date indicated above, the name and seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

Guarantor Bank Name

Witness: 1.

Signature

1. 2. Name _____

Corporate Seal

Corporate Title:

Performance Guarantee (Unconditional)

To: _____

Whereas _____ (hereinafter called “the Contractor”) has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ (hereinafter called “the Contract”);

And whereas it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

And whereas we have agreed to give the Contractor such a Bank Guarantee;

Now therefore we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____, _____, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____/ as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Services to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition, or modification.

This Guarantee shall be valid until a date 28 days from the date of issue of the Certificate of Completion.

Signature and seal of the Guarantor _____

Name of Bank _____

Address _____

Date _____

(INTEGRITY PACT FORM)

(To be printed on non-Judicial stamp paper of Rs. 100)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.**10.00 MILLION OR MORE**

Contract No. _____ Dated _____

Contract Value: _____

Contract Title: _____

_____ hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from **Multan Waste Management Company (MWMC)** or any functional department controlled by MWMC through any corrupt business practice.

Without limiting the generality of the foregoing, _____ represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from MWMC, except that which has been expressly declared pursuant hereto.

_____ certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with MWMC and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

_____ accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to MWMC under any law, contract or other instrument, be voidable at the option of MWMC.

Notwithstanding any rights and remedies exercised by MWMC in this regard, _____ agrees to indemnify MWMC for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to MWMC in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by _____ as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from MWMC.

Name of Buyer: Name of Seller/Supplier:

Signature: Signature: [Seal] [Seal]

