

KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

BID EVALUATION REPORT


1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	CDGK/ADVT/KW&SB-905/12 & KWSB/DPR/2012/81 published in daily "The News" "Nawa-e-Waqt" & "Appeal Karachi" dt: 18-08-2012 SPPRA Serial No.13691 I.D No.9306/2012.
3	Tender Description/Name of Work/Item:	PROVIDING & INSTALLATION OF 12" DIA METER, MECHANICAL WATER METER WITH ALL ACCESSORIES WITH CONSTRUCTION OF WATER METER CHAMBER AGAINST CONSUMER NO.0000008-01 & 0000008-02
4	Method of Procurement:	Single Stage (One Envelop)
5	Tender Published:	Through Press / Web Site
6	Total Bid Documents Sold:	2 Nos
7	Total Bid Received:	2 Nos
8	Technical Bid Opening Date (if applicable):	N/A
9	No. of Bid Technically Qualified (if applicable)	N/A
10	Bid (s) Rejected:	NIL
11	Financial Bid Opening Date:	06-09-2012

12 BID EVALUATION REPORT

S #	Name of Firm / Bidder	CORRECT COST BY THE BIDDERS	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE/ REJECTION	REMARKS
1	M/s.Micro Tech	Part-A Rs.12,51,878/- Part-B Rs.10,81,878/- Total Rs.23,33,756/-	1 st Lowest	@10.50% Above	Substantially Responsive	P.O Attached
2	M/s.Hunch Automation	Part-A Rs.12,70,943/- Part-B Rs.10,93,943/- Total Rs.23,64,887/-	2 nd Lowest	@11.97% Above	Substantially Responsive	P.O Attached

The all bidders are being informed accordingly.

M/s. Micro Tech was declared as the lowest responsive bidder.


Accounts Officer (WA&GIS)
Member / Secretary


S.E (MCC)
Member


S.E (E&M) D&E
Member


Chief Engineer (WA&GIS)
Member


Chief Engineer (IP&D)
Convener

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.

7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.

8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

10. Bid without bid security of required amount and prescribed form shall be rejected.

11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

(A) In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.

(B) In case of item rates, If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.

(C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the work, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2: Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause – 3: Termination of the Contract.

(A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-

- (i) contractor causes a breach of any clause of the Contract;
- (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
- (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
- (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;

(B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-

- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
- (ii) to finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
- (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause -6: Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

Clause – 7: Payments.

- (A) **Interim/Running Bill.** A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

- (B) **The Final Bill.** A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause – 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contract work.
- (E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) **Repeat Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of, it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause - 11:

- (A) **Inspection of Operations.** The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.
- (B) **Dates for Inspection and Testing.** The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause - 12: Examination of work before covering up.

- (A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- (B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause - 13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. If any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

Clause-15: Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Clause - 16: Disputes. All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause -17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause-18: Financial Assistance /Advance Payment.

- (A) Mobilization advance is not allowed.
- (B) Secured Advance against materials brought at site.
 - (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
 - (ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause-19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

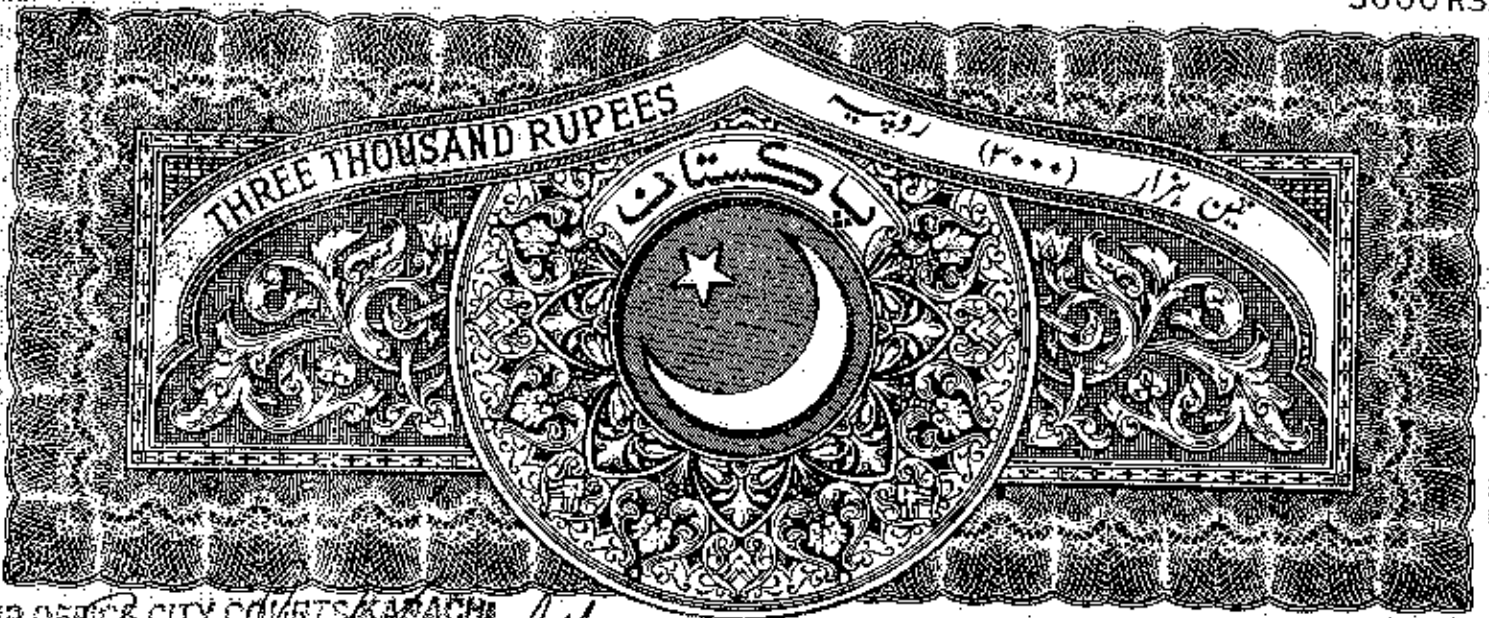
Clause-20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

[Handwritten Signature]

 Contractor

[Handwritten Signature]
SABJI RAZANT
 DIVISIONAL ACCOUNTS OFFICER
 METER WORKS OF DEPARTMENT
 KW & SB

[Handwritten Signature]
Executive Engineer/Procuring Agency
NADEEM AHMED
 Executive Engineer
 Water Meter Division-III
 Bulk & GPS, M.C.C.
 KW & SB



AMP OFFICE CITY COURTS KARACHI
 Paid to Rahid Khan
 I/Company Card No. 12
 N.D.B. No. 11 Dated 16.6.12
 Serial & Cheque No. 11 dated 16.6.12
 No. 11 Dated 16.6.12

[Signature]
 16/6/12

AGREEMENT

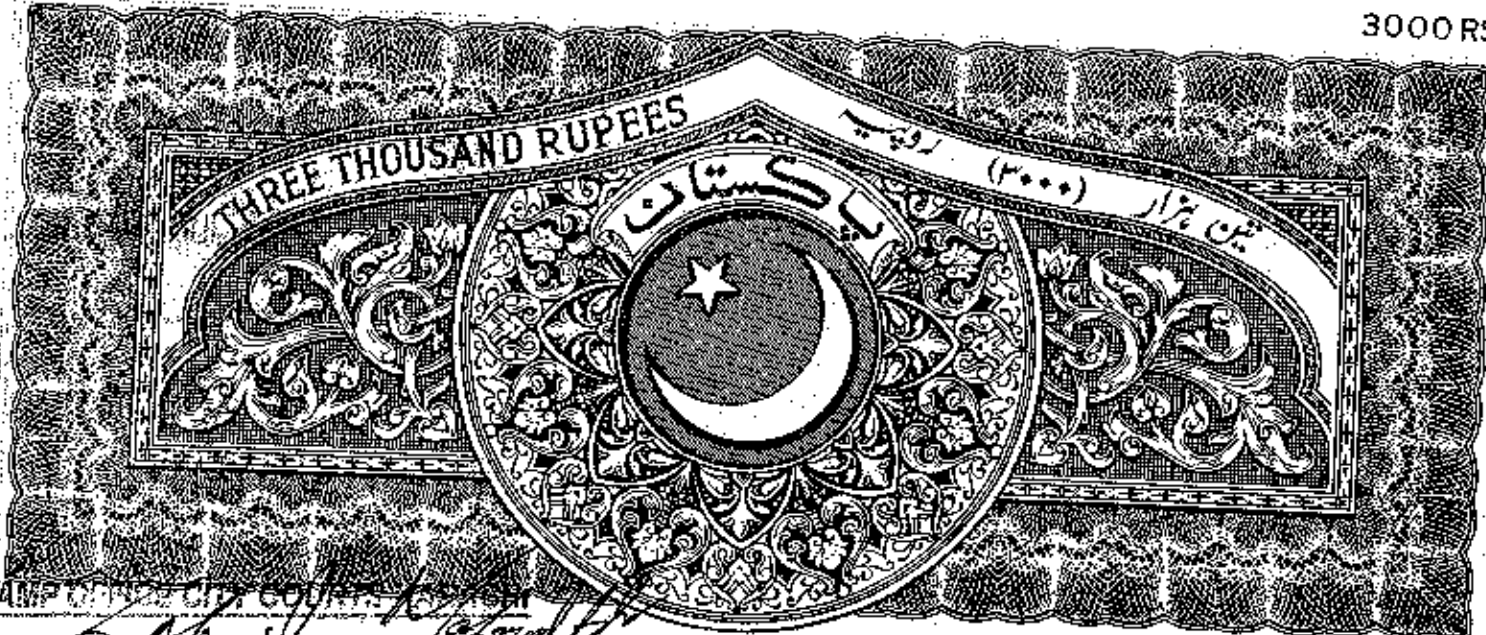
Between

**M/s. MICRO TECH.,
 and
 Karachi Water & Sewerage Board.**

This agreement made on this 24th day of oct 2012, between Karachi Water & Sewerage Board, Karachi, through its Chief Engineer (WA & GIS) / S.E. (M.C.C.), KW&SB, hereinafter called the Board (hereinafter called the employer of the one part) and M/s. MICRO TECH., Suit No.M-4 Mezzanine Floor, Rafi Star, Star Gate, Main Shahrah-e-Faisal, Karachi, hereinafter called the Contractor of the other part.

Whereas the KW&SB has accepted the Contractor's Tender here unto Annexed and marked 1/2 dated 06.09.2012 for the work of "PROVIDING & FIXING 12" DIA METER

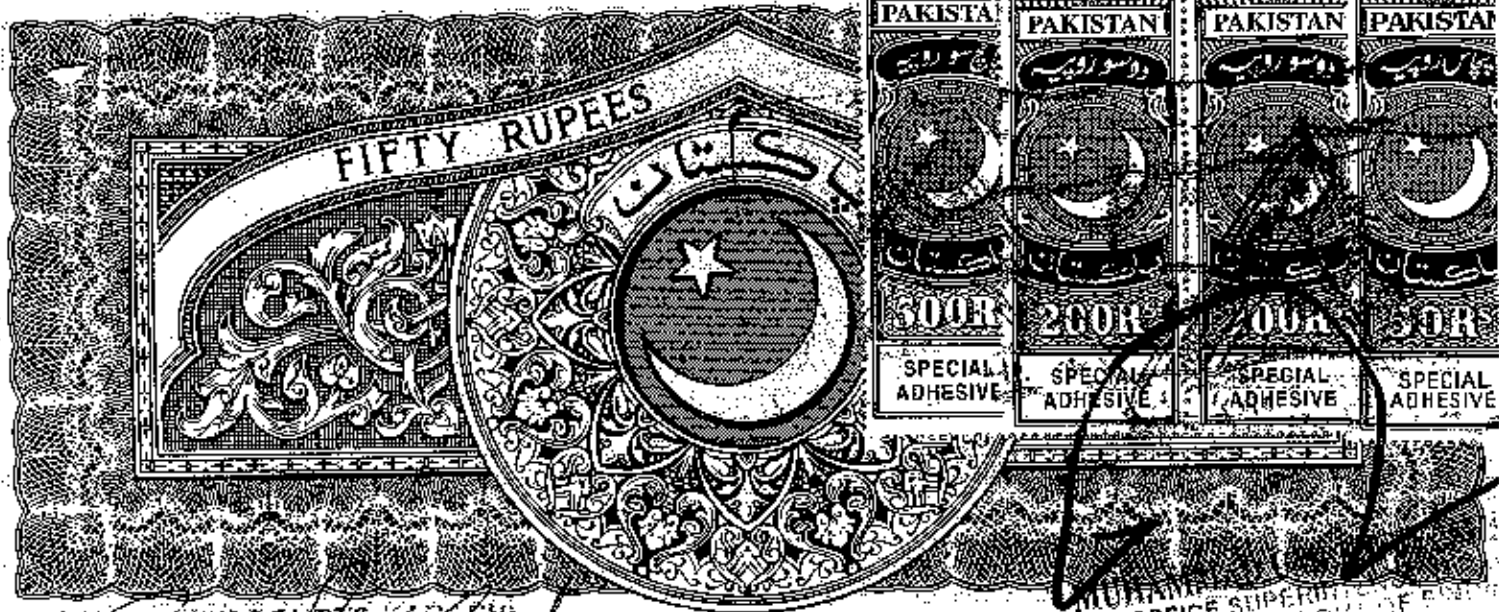
MECHANICAL WATER TREATMENT PLANT



STAMP OFFICE OF GOVERNMENT OF PAKISTAN
 Issued to [Signature]
 NIC / Company Card No. 128
 Vide D.S.F. No. 11 Dated 18/6/61
 on Behalf of Chaitan No. 32 Dated 18/6/61
 E. No. 11 Dated 18/6/61
[Signature]

Thousand Seven Hundred Fifty Six only). as evaluated / recommended by Procurement / Evaluation Committee-I, KW&SB vide Para-14/N and concurred by the Finance Department, KW&SB vide Para-20 to 32/N duly approved by the Managing Director, KW&SB vide Para-35/N instead of Contractor's quoted amount Rs.23,14,855/88, the amount put to Tender. According to the specifications and general terms and conditions vide Para-7&8 CPWA Code duly signed by the Contractor / Supplier have made them fully acquainted with its meanings.

WHEREAS 10% Security Deposit (02% Earnest Money on Quoted amount is deposited by Contractor in favour of KW&SB) will be deducted from the Contractor's bill and such amount have given a lien over as security for the due fulfillment of the contract and the Contractor abide all the terms and conditions and aforesaid specification of the tender. Security Deposit deducted to be refunded after three months of satisfactory completion of the work.



STAMP OFFICE CITY COURTS
 issued to Subhan Qadir
 NIC / Company Card No. 128
 Vide D.D.R. No. 11.6.12
 on Behalf of Chalan No. 232
 E. No. 11 Dated 11.6.12

MUHAMMAD
 OFFICE SUPERINTENDING ENGINEER
 STAMP OFFICE GOVT. OF PUNJAB
 CITY COURTS, LAHORE

The Contractor due hereby bind themselves their heirs successors / legal representatives and assignee to pay 0.5% of Bid Cost per day of delay to the KW&SB or such smaller amount fixed by the competent authority. The time for completion of this work is (15) Days.

IN WITNESS WHEREOF the said parties have set their respective hands on this

24th day oct, 2012.

Subhan Qadir
 M/s. MICRO TECH,
 (Contractor)

[Signature]
 Executive Engineer
 Water Meter Division -III
 KW&SB

[Signature]
 SUPERINTENDING ENGINEER
 (METER CONSUMER CELL)
 K.W.& S.B.

[Signature]
 CHIEF ENGINEER (WA & GIS)
 K.W.& S.B.

WITNESSES:



NOTE SHEET

(Page 3)

Paras

Reference

SUB: PROVIDING & INSTALLATION OF 12" DIA METER, MECHANICAL WATER METER WITH ALL ACCESSORIES WITH CONSTRUCTION OF WATER METER CHAMBER AGAINST CONSUMER NO.0000008-01 & 0000008-02.

6. Recommendation of the Committee

14

Two Contractors participated in the bid, the lowest bidder M/s. Micro Tech corrected bid cost for Part-1 & 2 amounting to Rs. 23,33,756/- (Rupees Twenty Three Lac Thirty Three Thousand Seven Hundred Fifty Six Only), the Procurement Committee-I assessed the bid of Lowest Bidder on market rate basis which is reasonable and recommended for approval of Competent Authority, KW&SB. However, the other expenses will be charged to consumer as per Engineer Estimate i.e Testing Charges and Supervision Charges. Expenditure is chargeable to H/A against the Deposit Work for the financial year 2012-2013 to meet the expenditure.

Salun
Accounts Officer (WA&GIS)
Member / Secretary

Lavig/hathi
S.E (M.C.C.)
Member

[Signature]
S.E (E&M) D&E
Member

12/9/2012
03/12

[Signature]
Chief Engineer (WA & GIS)
Member

[Signature]
Chief Engineer (IPD)
Convener 7/9/2012

15

① The DMD (IS), KW&SB For Financial Concurrence before MoI, approval

16

The DMD (F)
[Signature]
12/9/2012

[Signature]
10.9.2012
DMD (IS)
[Signature]

NOTE SHEET

(Page 2)

Paras

Reference

SUB: PROVIDING & INSTALLATION OF 12" DIA METER, MECHANICAL WATER METER WITH ALL ACCESSORIES WITH CONSTRUCTION OF WATER METER CHAMBER AGAINST CONSUMER NO.0000008-01 & 0000008-02

EVALUATION REPORT

1. ENGINEER'S ESTIMATE

The concerned Executive Engineer (Water Meter Division-III), Meter Consumer Cell, KW&SB prepared an estimate for amount of Rs.13,68,094.22 (Part-1) and Rs.12,55,2924.22 (Part-2) including Testing Charges i.e Rs.7,200/- (Part-1 & 2) and Supervision Charges @17.5% i.e Rs.3,89,633.18/- (Part-1 & 2) which was checked by Design Office amounting to Rs.12,99,847/- (Part-1) and Rs.11,89,007 (Part-2) for Providing & Installation of 12" dia Water Meter, Strainer with Construction of Water Meter R.C.C. Chamber at Water Connection of G.E air P.A.F koRANGI Creek against consumer No.0000008-02 & No.0000008-01. The M.D, KW&SB has accorded approval for calling tender vide Para-19/N3.

2. BIDDING DOCUMENT

The bidding documents were prepared by concerned Executive Engineer. The bidding documents are based on the design for the work prepared by concerned Executive Engineer.

3. BIDDING PROCEDURE

The invitation of tenders and availability of tender documents were notified through press vide CDGK/ADVT/KW&SB-905/12 & KWSB/DPR/2012/81 published in daily "The News" "Nawa-e-Waqt" & "Appeal Karachi" dt: 18-08-2012 as well as SPPRA web site vide Serial No.13691 LD No.9306/2012 which were opened on 06-09-2012.

4. RECEIPT OF BIDS

The Two bids were received on 06-09-2012 at 12.00 Noon and opened on same date at 12.30 p.m by Procurement Committee-I and announced the bids in presence of representative of bidders. The following bids were received and position is as under:

S.No	Name of Firms	Quoted Price	Corrected Price	Rank	Remarks
1	M/s.Micro Tech	Part-A Rs.12,51,877.94 Part-B Rs.10,62,977.94 Total Rs.23,14,855.88	Part-A Rs.12,51,878/- Part-B Rs.10,81,878/- Total Rs.23,33,756/-	1 st Lowest	Substantially Responsive
2	M/s.Hunch Automation	Part-A Rs.12,70,943.36 Part-B Rs.10,93,943.36 Total Rs.23,64,886.72	Part-A Rs.12,70,943/- Part-B Rs.10,93,943/- Total Rs.23,64,887/-	2 nd Lowest	Substantially Responsive

5. PROCUREMENT COMMITTEE-I

The Procurement Committee as per Rule-7 of SPPRA-2010 was constituted by Competent Authority comprising of following officers for Evaluation / Opened of Spot Quotation / Tender Work costing of above Rs.1,00,000/- vide No.MD/KW&SB/2011/197/L dated: 18-06-2011.

NOTE SHEET
(Finance Department)

(4)

Paras

Reference

SUB: PROVIDING & INSTALLATION OF 12"DIA METER,
MECHANICAL WATER MEER WITH ALL
ACCESSORIES WITH CONSTRUCTION OF WATER
METER CHAMBER AGAINST CONSUMER
NO.0000008-01 & 0000008-02. FOR RS.23,33,756/- IN
F/O M/S MICRO TECH.

17

The Deposit Challans for Rs.13,55,294/- &
Rs.12,42,492/- deposited by the M/s G.E. (Air) PAF Base
Korangi Creek may kindly be verified.

18

A.O (REVENUE)

Verified

[Signature]
14/09
T.A.O.-II

BUDET OFFICER.

13/09/12

19

*Report challan has been verified and
advice issued for future w/a, please.*

ZAO - Korangi

[Signature]
13/09/12



NOTE SHEET (Finance Department)



Paras

(5)

Reference

TENDER
(Through PRESS & SPPRA Web site)
(Deposit Work by M/s G.E (Air) PAF Base Koranji Creek)

SUB - PROVIDING & INSTALLATION OF 12" DIA. METER MECHANICAL WATER METER WITH ALL ACCESSORIES WITH CONSTRUCTION OF WATER METER CHAMBER AGAINST CONSUMER NO.0000008-01 & 0000008-02 FOR RS.23,33,756/- IN F/O. M/S MICRO TECH. CODE NO. ()

The tenders have been examined and comments are as under -

Administrative approval of the M.D.KWSB has been obtained, at para 7/n to invite the tenders through press & on SPPRA Web Site under Rule 17(2) of SPPR-2010.

The NITs published in Daily The News, Nawa-e-Waqt and Appeal Karachi (Sindhi News Paper) on 18-08-2012, whereas, NIT hoisted on SPPRA Web Site on 18-08-2012 vide SPPRA I.D. NO.9306/2012 (S.NO.13691) and tenders have been opened on 06-09-2012, by the Procurement Committee-I, KW&SB.

According to para 11/n of the Procurement Committee-I two firms participated in the competition and the bid of M/s Micro Tech declared first lowest responsive, by quoting the tendered price Rs.23,14,855.88 (corrected Bid Price Rs.23,33,756/-).

The Procurement Committee-I, in its recommendation made at para 14/n evaluated the cost of work Rs.23,33,756/- in F/O M/s Micro Tech.

The expenditure as chargeable to B.G. No.3539-01 for the year 2012-13 when funds to the tune of Rs.25,97,756, have been deposited by the Stake Holder M/s G.E (Air) PAF Base Koranji Creek vide challan No.00 dated 22-06-2012 for Rs.12,42,492/- and Challan No.00 dated 22-06-2012 Rs.13,55,294/- as verified by AAO (Revenue) KW&SB at para 18/n.

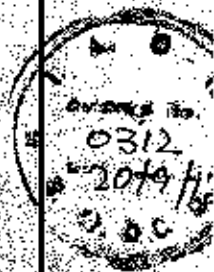
Observation

Estimate has not been sanctioned technically under Rule 24 of Works Rule 1969.

The Result of Evaluation of bids of the above noted work may please be hoisted on SPPRA web site, as required under Rule 45 of SPPR-2010.

C.E (WA & GIS) may be requested to make sure the compliance of Rule-50 of SPPR-2010.

The proposal is concurred in subject to approval of the



OFFICE OF THE CHIEF ENGINEER (WATER AUDIT & G.I.S.)
KARACHI WATER & SEWERAGE BOARD

No. KW&SB/CE(WA&GIS)/SO/2012-13/S.O/11

Dated: 24-10-2012

M/s. MICRO TECH,
Suit No.M-4 Mezzanine Floor,
Rafi Star, Star Gate,
Main Shahrak-e-Faisal,
Karachi

SANCTION LETTER

Subject: **PROVIDING & FIXING 12" DIA METER MECHANICAL**
WATER METER WITH ALL ACCESSORIES WITH
CONSTRUCTION OF WATER METER CHAMBER AGAINST
CONSUMER NO. 0000008-01 & 0000008-02

Sanction is hereby accorded amounting to Rs.23,33,756/= (Rupees Twenty Three Lac Thirty Three Thousand Seven Hundred Fifty Six only), as the cost evaluated / recommended by Procurement / Evaluation Committee-I, KW&SB which is corrected amount instead of your quoted amount Rs.23,14,855/88 and concurred by Finance Deptt: KW&SB duly approved by the Managing Director, KW&SB. in favour of your firm i.e. M/s. MICRO TECH., against the above subjected work by calling Tender (On item rate basis) through Press & Website under SPPR-2010.

You are therefore directed to contact Executive Engineer, Water Meter Division-III, in Division office for execution of Agreement, the value of (Non-judicial) Stamp paper will be Rs.7,010/= @ 0.30% of sanctioned cost which should be produced by you.

The expenditure of above subjected work is charged to the Head of A/C No.3539-01 for the year 2012-2013.


CHIEF ENGINEER (WA & GIS),
K.W.&S.B.

Copy to:

1. The M.D. KW&SB
2. The D.M.D. (RRG), KW&SB
3. The Director Accounts, KW&SB.
4. The S.E. (M.C.C.), KW&SB
5. The E.E. WMD-III, KW&SB
6. Work file
7. Office Copy.

OFFICE OF THE EXECUTIVE ENGINEER
WATER METER DIVISION (III), KW&SB

No.EE/WMD-III/KW&SB/WO/2012-13/ //

Dated: 24-10-2012

M/s. MICRO TECH,
Suit No.M-4 Mezzanine Floor,
Rafi Star, Star Gate,
Main Shahrah-e-Faisal,
Karachi

WORK ORDER

Subject: **PROVIDING & FIXING 12" DIA METER MECHANICAL WATER**
METER WITH ALL ACCESSORIES WITH CONSTRUCTION OF
WATER METER CHAMBER AGAINST CONSUMER NO. 0000008-
01 & 0000008-02

With reference to the Tender Dated: 06.09.2012 invited (On item rate basis) through Press Publicity & Website under SPPR-2010, it is to inform you that the competent authority, KW&SB has been approved / accepted your Tender. The Procurement / Evaluation Committee-I, KW&SB has evaluated / recommended the cost of above subjected work amounting to Rs.23,33,756/= (Rupees Twenty Three Lac Thirty Three Thousand Seven Hundred Fifty Six only) which is corrected amount instead of your quoted amount Rs.23,14,855/88 and concurred by Finance Deptt: KW&SB duly approved by Worthy Managing Director, KW&SB.

The expenditure is chargeable to the Head of A/C No.3539-01 for the year 2012-2013.

You are hereby directed to start and complete the above work satisfactorily within (15) Days positively as per given approved specification, detail and Estimate of the department. The work will be executed / carried out under the Supervision of A.E.E./Engineer Incharge, Water Meter Division-III, KW&SB



Executive Engineer
Water Meter Div.-III
K. W. & S. B.

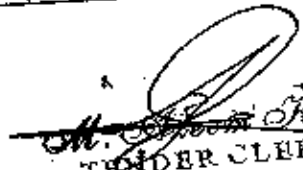
Copy to:-

1. The Chief Engineer (WA & GIS), KW&SB.
2. The S.E.(MCC), KW&SB.
3. The A.E.E./Engineer Incharge, WMD-III, KW&SB
4. Works file.
5. Office copy.

BIDDING DATA

- (a) Name of Procuring Agency: Water Meter Division (III), KW&SB.
- (b) Brief Description of Work: PROVIDING & FIXING OF 12" DIA METER MECHANICAL WATER METER WITH ALL ACCESSORIES WITH CONSTRUCTION OF WATER METER CHAMBER AGAINST CONSUMER NO. 0000008-01 & 0000008-02
- (c) Procuring Agency Address: Office Block, 9th Miles, Shahrah-e-Faisal, Karsaz, Karachi.
- (d) Estimate Cost: On Item rate basis.
- (e) Amount of Bid Security: 02% of Bid amount.
- (f) Period of Bid validity: 90 Days.
- (g) Security Deposit (including Bid Security): 10%
- (g) Venue, Time and Date of Bid Opening: The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Block "B", 9th Mile, Karsaz, Karachi on 06.09.2012 at 12.30 PM by Tender Opening Committee.
- (h) Deadline for submission of Bid along with time: 06.09.2012 at 12:00 Noon.
- (i) Time for completion from From written order commence: 15 Days
- (j) Liquidity damage: 0.5% of Bid Cost per day of delay
- (k) Bid issued to Firm: M/s. MICRO TECH.
- (l) Deposit Receipt No. & Date: R.No. 11 DT: 05-09-2012
- Amount: Rs. 1,000/=


Executive Engineer
NADEEM AHMED
Executive Engineer
Water Meter Division-III


TENDER CLERK
Finance Department
KW&SB
Authority issuing bidding Document.

NAME OF WORK:-

PROVIDING & FIXING OF 12" DIA METER MECHANICAL WATER METER WITH ALL ACCESSORIES WITH CONSTRUCTION OF WATER METER CHAMBER AGAINST CONSUMER NO. 0000008-01 & 0000008-02

(B) Description and rate of Items based on Market (Offered rates)

Part - '1'

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1.	2000Cft	Excavation for foundation, trenches and drain in hard rock by hammering chiseling and jumper work i/c sacking of serviceable and un-serviceable material separately lead upto one chain & lift upto 5ft. 0'-5'	2180	%Cft	43600
	1200Cft	5'-8'	2240	%Cft	26880
	1200Cft	8'-11'	2290	%Cft	27480
	1200Cft	11'-14'	2350	%Cft	28200
2.	200Cft.	P/L 1:4:8 C.C. using graded stone ballast 2" inch (51mm) and down gauge in foundation i/c leveling compacting & curing etc. complete.	6500	%Cft	13000
3.	262.70 Cft.	P/L 1:2:4 (1 Cement, 2 Sand and 4 Coarse aggregate) cement concrete using graded gravel (Bajri) 1" and down gauge in foundation i/c leveling, compacting and curing etc.	10000	%Cft	26270
4	511.35 Cft	P/L R.C.C using screened graded hajri 3/4" and down gauge having a minimum works cube crushing strength of 2250 Lbs per Sq. Inch at 28 days with a mix not leaner than 1:2:4 straight wall 6" thick i/c form work and its removal compacting and curing etc. but excluding the cost of reinforcement in foundation, basement and plinth.	14000	%Cft	71589
5. (a)	47.90 Cwt	Providing & Laying Tor Steel reinforcement bars including cost of straightening, cutting, bending, binding, wastage and such over laps as are not shown over the drawing placing in position on C.C 1:2:4 Pre-cast or M.S chair tying with binding wires, cost of chair and wire etc in all kinds of R.C.C. work in foundation, basement, plinth and ground floor of building including septic tank and under ground tank and in projection for future extension.	2700	Cwt.	129330
(b)	0.27 Cwt.	Mild Steel	2600	Cwt.	702
6.	153.10Cft.	Providing & Laying reinforcement cement concrete using screened graded bajri 3/4" inches (19 mm) an down gauge having a minimum works cube crushing strength of 2250 lbs per Sq. Inch (15.52 mm) at 28 days with a mix not leaner than 1:2:4 in ordinary slab 6" inch (152mm) thick including form work and its removal compacting and curbing etc complete but excluding the cost of reinforcement in plinth and ground floor.	12000	%Cft	18372

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
7.	1421.54 Sft.	P/L ½" thick Cement plaster 1:4 on wall & Columns etc. in basement, plinth, mezzanine & Ground floor. i/c making edges corners, and cutting etc. complete.	1200	%Sft	17058.48
8.	2730.24 Cft.	Supply earth from approved source	1200	%Cft	32762.88
9.	01No.	Mfg. & supplying of 21" inch dia RCC Manhole cover with C.I. Frame (15Kgs.) cast in 1:2:4 Cement concrete ratio (50% Graded bajri & 50% Crush) 3" deep at center reinforced with ½" dia M.S. Bars with 4" C/C Welded to a 3/16" thick 2" wide M.S. Plate & two hook of 3/8" dia tor bards i/c compacting, cutting & transportation within 10 Miles..	1200	Each	1200
10.	30Kgs.	Padlo / Dumpo	70	Kg.	2100
11.	761.94 Sft.	Painting with Coal Tar. (Two coats).	700	%Sft	5333.58
12.	01No.	Providing C.I. Gate Valve (Sluice Valve) 12" dia Heavy duty i/c C.I. Body Ductile Iron GGG-50, to DIN 1693 (BS 2789 grade 500-7). Coating: Electrostatically applied epoxy resin to DIN 30677. Internally & Externally. Stem: Stainless Steel, DIN X 20 Cr 13. Stem Sealing: NBR wiper ring, 2 NBR O-rings inside and 2 outside a plastic bearing. EPDM rubber manchette. Wedge: Ductile iron, GGG-50, Core fully etc. as per Quotation attached.	130000	Each	130000
13.	01No.	Installation of 12" dia Gate Valve. The rate to include for all fittings, cutting, flanges and M.S. Tail piece 3/8" thick M.S. Plate and threading on existing pipe line etc. complete in all respect.	40000	Each	40000
14.	01No.	Cost of Strainer 12" dia size Heavy duty.	66000	Each	66000
15.		Installation of 12" dia Strainer. The rate to include for all fittings, cutting, flanges	21000		21000

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
17.	01No.	Installation of 12" Dia Mechanical Water Meter in Horizontal position. The rate to include for all fittings, cutting excluding Water Meter and cleaning of chamber when complete.	21000	Each	21000

Total: Rs. 1251877.94

Part - '2'

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1.	2000Cft	Excavation for foundation, trenches and drain in hard rock by hammering chiseling and jumper work i/c sacking of serviceable and un-serviceable material separately lead upto one chain & lift upto 5ft. 0'-5'	2180	%Cft	43600
	1200Cft	5'-8'	2240	%Cft	26880
	1200Cft	8'-11'	2290	%Cft	27480
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2.	200Cft.	P/L 1:4:8 C.C. using graded stone ballast 2" inch (51mm) and down gauge in foundation i/c leveling compacting & curing etc. complete.	6500	%Cft	13000
3.	262.70 Cft.	P/L 1:2:4 (1 Cement, 2 Sand and 4 Coarse aggregate) cement concrete using graded gravel (Bajri) 1" and down gauge in foundation i/c leveling, compacting and curing etc.	10000	%Cft	26270
4	511.35 Cft	P/L R.C.C using screened graded bajri 3/4" and down gauge having a minimum works cube crushing strength of 2250 Lbs per Sq. Inch at 28 days with a mix not leaner than 1:2:4 straight wall 6" thick i/c form work and its removal compacting and curing etc. but excluding the cost of reinforcement in foundation, basement and plinth.	14000	%Cft	71589
5. (a)	47.90 Cwt	Providing & Laying Tor Steel reinforcement bars including cost of straightening, cutting, bending, binding, wastage and such over laps as are not shown over the drawing placing in position on C.C 1:2:4 Pre-cast or M.S chair tying with binding wires, cost of chair and wire etc in all kinds of R.C.C. work in foundation, basement, plinth and ground floor of building including septic tank and under ground tank and in projection for future extension.	2700	Cwt.	129330/-

Item No.	Qty.	Description of item to be executed in site	Rate	Unit	Rupees
(b)	0.27 Cwt.	Mild Steel	2600	Cwt.	702
6.	153.10Cft.	Providing & Laying reinforcement cement concrete using screened graded bajri 3/4" inches (19 mm) an down gauge having a minimum works cube crushing strength of 2250 lbs per Sq. Inch (15.52 mm) at 28 days with a mix not leaner than 1:2:4 in ordinary slab 6" inch (152mm) thick including form work and its removal compacting and curbing etc complete but excluding the cost of reinforcement in plinth and ground floor.	12000	%Cft	18372
7.	1421.54 Sft.	P/L 1/2" thick Cement plaster 1:4 on wall & Columns etc. in basement, plinth, mezzanine & Ground floor. i/c making edges corners, and cutting etc. complete.	1200	%Sft	17058.48
8.	2730.24 Cft.	Supply earth from approved source	1200	%Cft	32762.88
9.	01No.	Mfg. & supplying of 21" inch dia RCC Manhole cover with C.I. Frame (15Kgs.) cast in 1:2:4 Cement concrete ratio (50% Graded bajri & 50% Crush) 3" deep at center reinforced with 1/2" dia M.S. Bars with 4" C/C Welded to a 3/16" thick 2" wide M.S. Plate & two hook of 3/8" dia tor bards i/c compacting, cutting & transportation within 10 Miles..	1200	Each	1200
10.	30Kgs.	Padlo / Dumpo	70	Kg.	2100
11.	761.94 Sft.	Painting with Coal Tar. (Two coats)..	700	%Sft	5333.58
12.	01No.	Cost of Strainer 12" dia size Heavy duty.	66000	Each	66000
13.	01No.	Installation of 12" dia Strainer. The rate to include for all fittings, cutting, flanges and threading on existing pipe line etc. complete in all respect.	21000		21000
14.	01No.	Water Flow Meter 12" dia. <u>Specifications :-</u> ▶ Type: Turbine Type Water Flow Measurement ▶ Max Registration : 9999999m3 ▶ Pressure: 16 Bar ▶ Protection Rating : IP-68 ▶ Construction Material : Carbon Steel & Flange Type ▶ Temperature Range : 0 to + 60°C (Max)	530000	Each	530000

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
15.	01No.	Installation of 12" Dia Mechanical Water Meter in Horizontal position. The rate to include for all fittings, cutting excluding Water Meter and cleaning of chamber when complete.	21000	Each	21000
Total: Rs.					1062977.94

Summary of Total Cost of Work

Total Amount (Part - 1) : Rs.	1251877.94
Total Amount (Part - 2) : Rs.	1062977.94
Grand Total Amount (Part - 1 & 2) : Rs.	2314855.88

(Signature)
Executive Engineer

NADEEM AHMED
Executive Engineer
Water Meter Division-III
Bulk & GPS. M.C.C.
KW & SB

I/We hereby quoted Rs. 2314855.88
(Rupees Twenty three Lacs fourteen thousand Eight hundred fifty five & Eighty Eight Paise)
execution of above work and I/We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

(Signature)
Signature of Contractor
With name of firm & Seal



Address Suite # M-4 Mezzanine floor Rafi Star Building Star gate Karachi.
Contact # 021-34604954

- (1) Tender received in sealed cover and opened by tender opening committee.
- (2) No cutting or overwriting found/cutting or overwriting found.

(3) Contractor has enclosed E/Mny Pay Order Rs. 50,000/- draw on APL Star Gate BR dt: 5-9-2012 No. AAA-10689406

(4) Contractor has quoted @ Rs 2314855/88
Rupees Twenty three Lacs Fourteen Thousand Eight Hundred Fifty Five & Eighty Eight only

(Signature)
CE (W&GIS)
KW & SB
Member

(Signature)
CE (IP&B)
KW & SB
Convener

A.O (W&GIS)
KW & SB
Member/Secretary

(Signature)
SE (MCC)
KW & SB
Member

(Signature)
SE (B&E)
KW & SB
Member

KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

BID EVALUATION REPORT


1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	CDGK/ADVT/KW&SB-905/12 & KWSB/DPR/2012/81 published in daily "The News" "Nawa-e-Waqt" & "Appeal Karachi" dt: 18-08-2012 SPPRA Serial No.13691 I.D No.9306/2012.
3	Tender Description/Name of Work/Item:	PROVIDING & INSTALLATION OF 12" DIA METER, MECHANICAL WATER METER WITH ALL ACCESSORIES WITH CONSTRUCTION OF WATER METER CHAMBER AGAINST CONSUMER NO.0000008-01 & 0000008-02
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Press / Web Site</u>
6	Total Bid Documents Sold:	<u>2 Nos</u>
7	Total Bid Received:	<u>2 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>NIL</u>
11	Financial Bid Opening Date:	06-09-2012

12 BID EVALUATION REPORT

S #	Name of Firm / Bidder	CORRECT COST BY THE BIDDERS	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE/ REJECTION	REMARKS
1	M/s.Micro Tech	Part-A Rs.12,51,878/- Part-B Rs.10,81,878/- Total Rs.23,33,756/-	1 st Lowest	@10.50% Above	Substantially Responsive	P.O Attached
2	M/s.Hunch Automation	Part-A Rs.12,70,943/- Part-B Rs.10,93,943/- Total Rs.23,64,887/-	2 nd Lowest	@11.97% Above	Substantially Responsive	P.O Attached

The all bidders are being informed accordingly.

M/s. Micro Tech was declared as the lowest responsive bidder.


Accounts Officer (WA&GIS)
Member / Secretary


S.E (MCC)
Member


S.E (E&M) D&E
Member


Chief Engineer (WA&GIS)
Member


Chief Engineer (IP&D)
Convener