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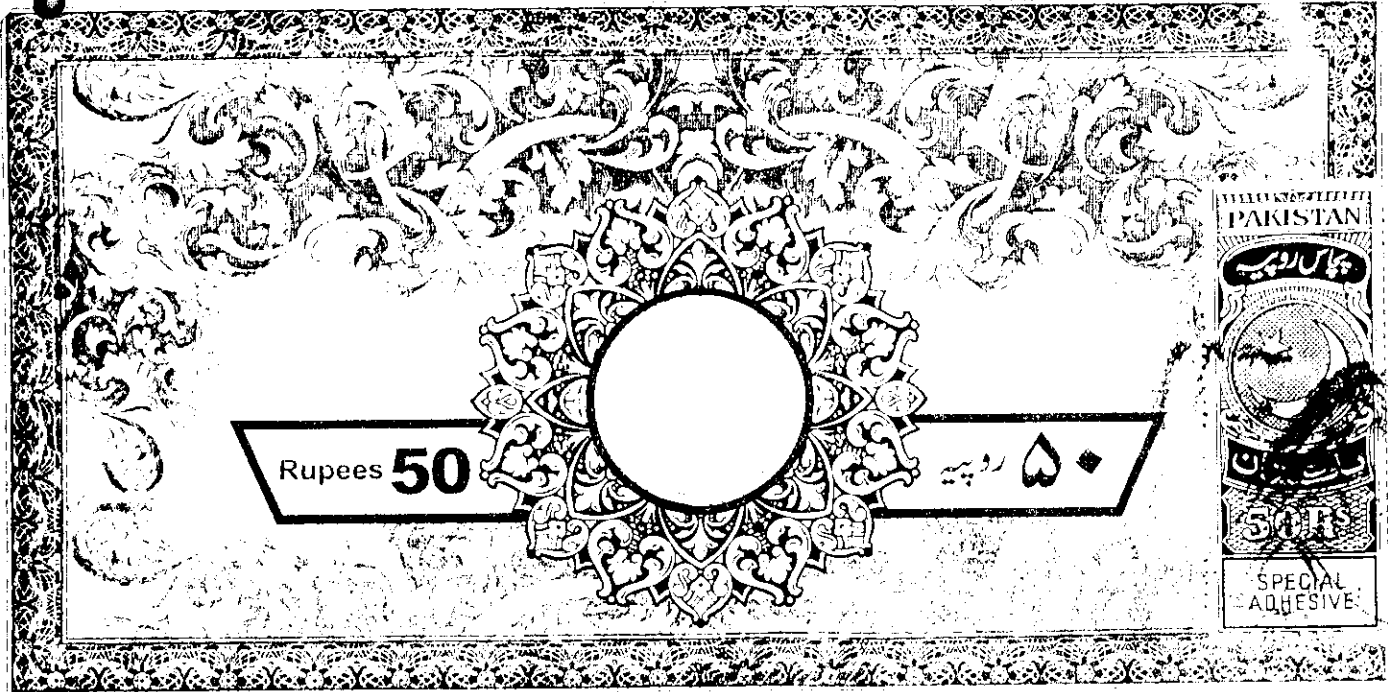
AGREEMENT

Between

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

This agreement made on this 18 day of June 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, Suite No. M-4 Mezzanine Floor, Rafi Star, Star Gate, Main Shakra-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 14.05.2012 for the work of "PROVIDING & FIXING OF SIX 6" ELECTROMAGNETIC FLOW METER WITH GSM / GPRS REMOTE MONITOR DATA LOGGER AGAINST CONSUMER NO.00000139-02". The total sanctioned amount is Rs.11,30,000/= (Rupees Eleven Lac Thirty Thousand only). as evaluated / recommended



S.M. NAJAM DIN, Vendor

08 JUN 2012

C. 124863

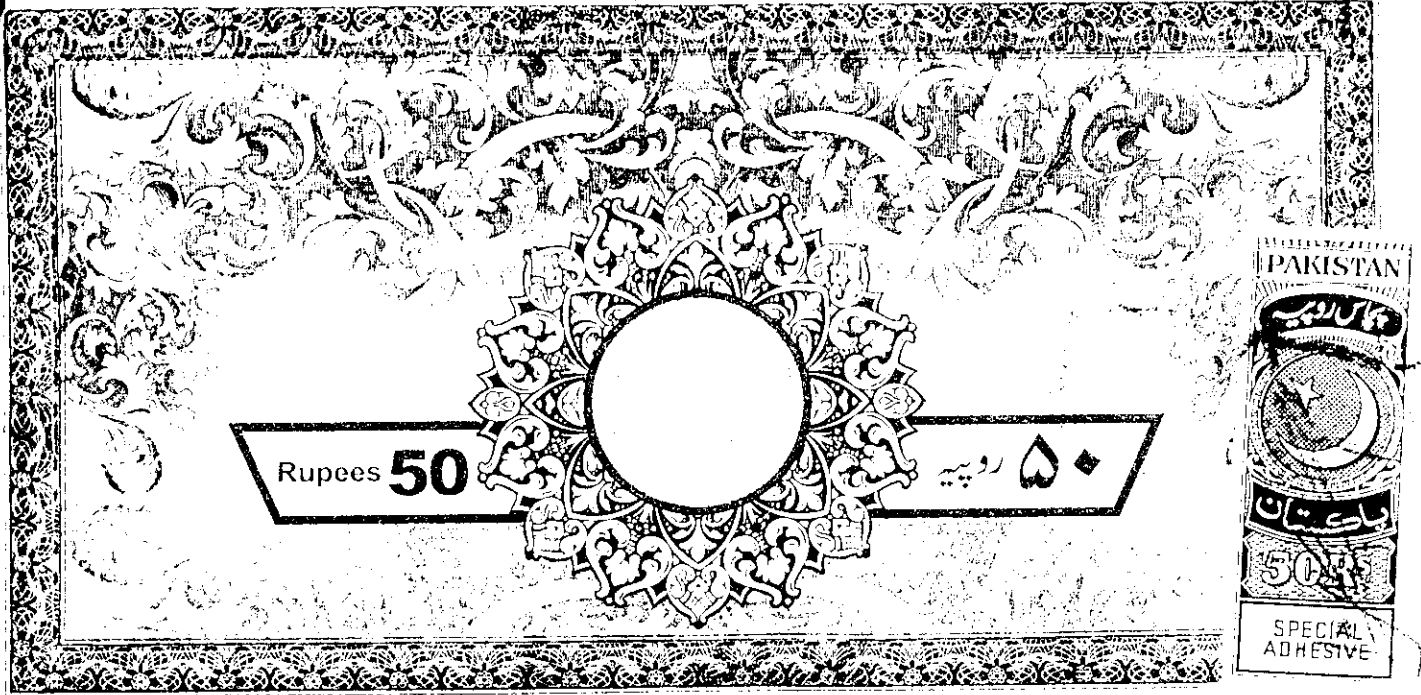
ASSISTANT
SECRETARY

by Procurement / Evaluation Committee-I, KW&SB vide Para-27/N and concurred by the

Finance Department, KW&SB vide Para-35 to 47/N duly approved by the Managing Director, KW&SB vide Para-49/N as per Contractor's quoted amount, 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 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.

The payment to be made by KW&SB to the Contractor as per prevailing legal/codal practice



S.M. NA... Vendor 08 JUN 2012
 Licen...
 P...
 S... 124862
 AB...
 Ledger...

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
18 day June, 2012.

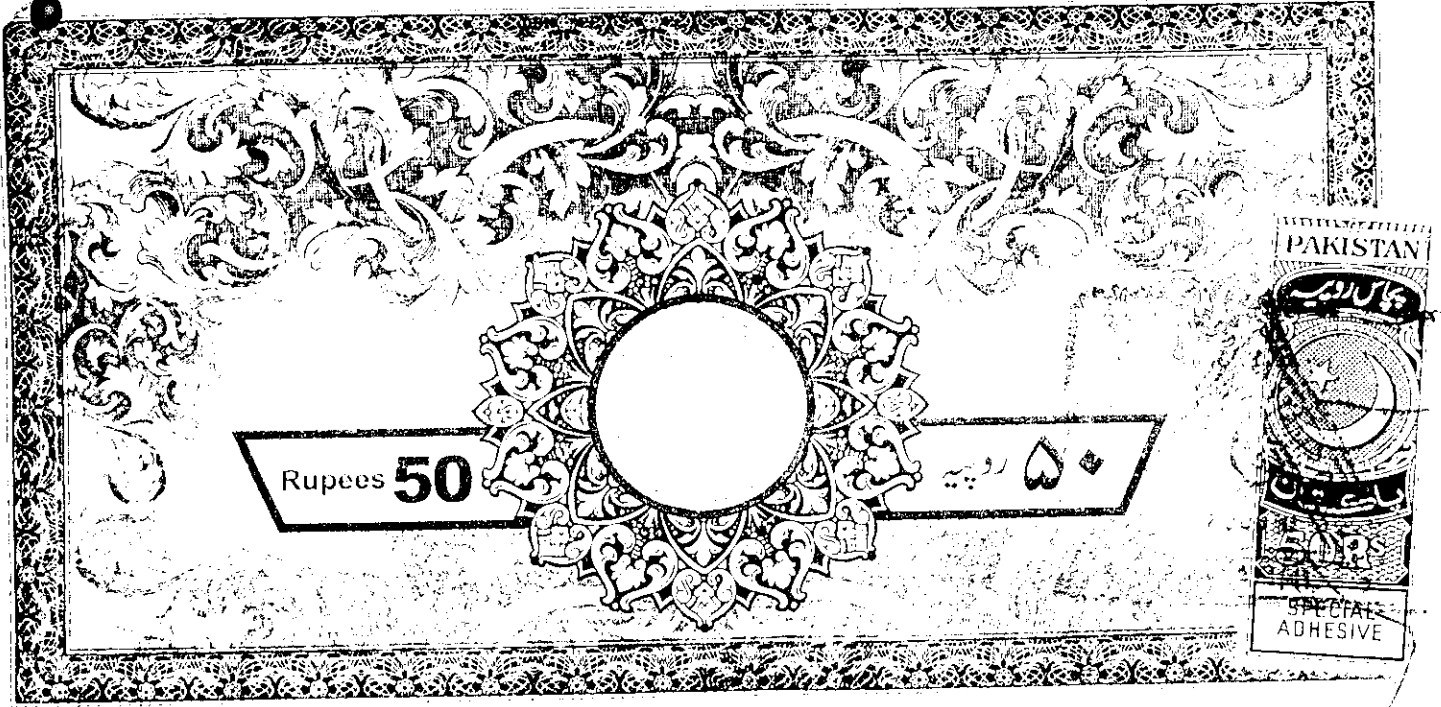
Abdul Qadir
M/s. MICRO TECH,
(Contractor)

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

Faridhate
SUPERINTENDING ENGINEER
(METER CONSUMER CELL)
K.W.& S.B.

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

WITNESSES:
 1. _____



M. NAJAM Stamp Vendor
 Office No. 158, Shop No. 11A, Karm Plaza
 W.P. 14 Civic Centre, Gulshan-e-Iqbal, Karachi
 CN 124954 Date.....
 ORDERED TO WITH ADDRESS.....
 THROUGH WHICH ADDRESS.....
 ORDERED.....
 ALLIGMENTS.....
 STAMP VENDOR'S SIGNATURE.....

08 JUN 2012

AGREEMENT

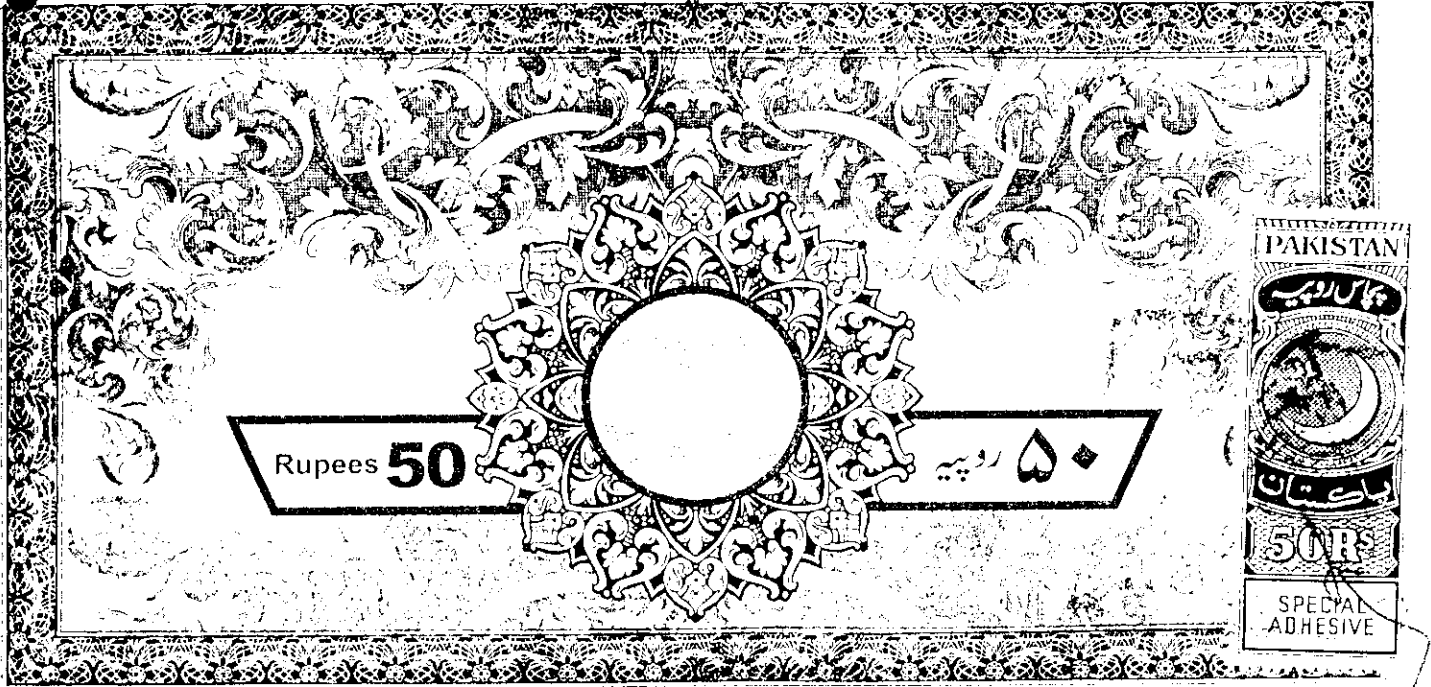
Between

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

Name of Work: PROVIDING & FIXING OF SIX 6"
ELECTROMAGNETIC FLOW METER WITH GSM /
GPRS REMOTE MONITOR DATA LOGGER AGAINST
CONSUMER NO.00000139-02

Mubhammad Qasbi
M/s. MICRO TECH
(Contractor)

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



S. No. 124861

08 JUN 2012


AGREEMENT

Between

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

Name of Work: PROVIDING & FIXING OF SIX 6"
ELECTROMAGNETIC FLOW METER WITH GSM /
GPRS REMOTE MONITOR DATA LOGGER AGAINST
CONSUMER NO.00000139-02


**M/s. MICRO TECH
(Contractor)**


**Executive Engineer
Water Meter Division -III
KW&SB**

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. Karachi Water & Sewerage Board.
- 2) PROVINCIAL / LOCAL GOVT. / OTHER Local Government.
- 3) TITLE OF CONTRACT _____
- 4) TENDER NUMBER CDGK/ADVT/KW&SB-855/12 & KWSB/DPR/2012/30
- 5) BRIEF DESCRIPTION OF CONTRACT Revenue Generation.
- 6) FORUM THAT APPROVED THE SCHEME Managing Director KW&SB.
- 7) TENDER ESTIMATED VALUE Rs:1225000/-
- 8) ENGINEER'S ESTIMATE Nil
(For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 15 Days
- 10) TENDER OPENED ON (DATE & TIME) 14 May 2012 AT 2:30 PM
- 11) NUMBER OF TENDER DOCUMENTS SOLD 03 Nos. (Attached)
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 02 Bids
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 03 Bidders
- 14) BID EVALUATION REPORT Enclosed
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER MICROTECH
- 16) CONTRACT AWARD PRICE Rs:1130000/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID). M/s: MICROTECH Rs: 1130000/-
M/s: Hunch Automation Rs:1165000/-

18) METHOD OF PROCUREMENT USED :- (Tick one)

- a) SINGLE STAGE - ONE ENVELOPE PROCEDURE Local Domestic/ Local
- b) SINGLE STAGE - TWO ENVELOPE PROCEDURE _____
- c) TWO STAGE BIDDING PROCEDURE _____
- d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE _____

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS.

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT _____

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	Serial No: 12259 ID No:7874/2012 Dated:24-04-12 & 25-04-2012
No	

ii) News Papers
(If yes, give names of newspapers and dates)

Yes	Through News Paper Daily Express, The News 24-04-12 & Daily Hilal-e-Pakistan
No	No

22) NATURE OF CONTRACT

Domestic/Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

➡ (Press N.I.T.) ◀

-: Name of work :-

“PROVIDING & FIXING OF SIX 6” ELECTROMAGNETIC FLOW METER WITH
GSM / GPRS REMOTE MONITOR DATA LOGGER AGAINST CONSUMER
NO.00000139-02”

Name of Office:

**WATER METER DIVISION (II),
KW&SB**

9th Miles, Sharah-e-Faisal, Karsaz
Executive Engineer, Contact # 0333-2269114

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.

BIDDING DATA

- (a). Name of Procuring Agency: Water Meter Division (III), KW&SB.
- (b). Brief Description of Work: PROVIDING & FIXING OF SIX 6" ELECTRO-MAGNETIC FLOW METER WITH GSM / GPRS REMOTE MONITOR DATA LOGGER AGAINST CONSUMER NO.00000139-02
- (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 14.05.2012 at 02.30 PM by Tender Opening Committee.
- (h). Deadline for submission of Bid along with time. : 14.05.2012 at 2:00 PM.
- (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. MICROTECH
- (l). Deposit Receipt No. & Date: R.No. 90, DT: 10-05-2012.
- Amount: : Rs.1,000/=


Executive Engineer

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


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

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.

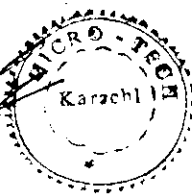
Clause -18: Financial Assistance /Advance Payment.


- (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).

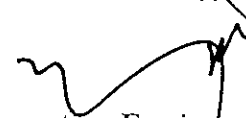
Clause -19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

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.


Contractor




Divisional Accountant
ACCOUNTING OFFICER
METER WORKSHOP DIVISION
KW & SB


Executive Engineer/Procuring Agency
ADEEM AHMED
Executive Engineer
Water Meter Division-III
Bulk & GPS, M.C.C.
KW & SB

NAME OF WORK:- PROVIDING & FIXING OF SIX 6" ELECTROMAGNETIC FLOW METER WITH GSM / GPRS REMOTE MONITOR DATA LOGGER AGAINST CONSUMER NO.00000139-02

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

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1.	01 No.	<p>Cost of Electromagnetic Water Flow Meter 6" dia.</p> <p><u>Flow sensor</u> Type: Flow Meter for Water flow Measurement Protection Rating: IP-68 Construction Material: Carbon Steel and Flange Type Liner: PTFE Sensing Electrode: AISI 316 Grounding Electrode: AISI 316 Temperature Range: 0 to +60° C (Max)</p> <p><u>Flow Transmitter</u> Type: Remote version complete with mounting accessories Carbon Steel Displaying :Alphanumeric LCD display 2 Line, each of 16 Character and 3 programming Keys Housing Material: Painted aluminum die Casting Protection Rating: IP 67 Out Put: Two Digital Out Put Totalizer: Two eight-digit counters for forward net or reserve net Flow. Enclosure Rating: IP67 Version (Remote)</p>	810000/-	Each	810000/-
2.	01 No.	<p><u>GPRS/ GSM DATA LOGGER</u></p> <p><u>Data logger</u> XLP RISC bases CPU with multimode activation Data retentions: 1,500 Strings Real time clock Ultra low Power Local LCD display for parameter display and programming. IP68 Protection class Forward counter / totalizer Reserve counter/ totalizer Battery Voltage, Aux voltage, Line pressure display</p>			

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
		Online, server connection authentication Standard Operation time : 6-Years GSM/GPRS DTU High power industrial cellular module 32 Bit ARM9 CPU EGSM900/GSM1800MHz Complaint to GSM Phase 2/2+GPRS class 10 GSM850/900: <33 dBm GSM1800/1900< <30 dBm FLASH 512KB (Extendable) SRAM 256KB (Extendable) Serial 2 RS232 Ports, 15 KV ESD protection Data bits 5,6,7,8 Stop bits 1, 1.5, 2 parity: none, even, odd, space, mark Baud rate 110~ 230400 bps SIM/UIM Standard 3V/1.8V user card interface 15KV ESD protection Support TCP server and support multi TCP client connection. Support multi online trigger ways.	320000/-	Each	320000/-
Total: Rs:					1130000/-

Executive Engineer/Procurement Agency

I/We hereby quoted Rs. 1130000/- ^{subscribed by} lae 11.
 (Rupees Eleven thousand thirty
thousand)

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

execution of above work and I / We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Rate quoted Rs. 1130000/- (Rupees
 Eleven thousand thirty thousand only
 P.O. NO- DRA/411527332388
 attached for Rs 22600/-

Subhan
 Signature of Contractor
 With name of firm & Seal



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

Salim
 A.O (WA & GIS)
CE (WA & GIS)
Saigwate
 SE (MCC)

- 1/ Tender received in sealed & covered & opened by tender opening committee
- 2/ No cutting or over writing found.
- 3/ P.O No. DRA/411527332388 at Rs. 226 attached issued by Bank Islami Paki Limited Rafiq Minhas Road Branch kar
- 4/ Contractor M/s Micro Tech has given Rs. 1130000/- Eleven lac & thirty thousand

S. E. (D.E.)

14/5/11

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

No. KW&SB/CE(WA&GIS)/2011-12/10/S.O

Dated: 18-6-2012

SANCTION LETTER

Subject: **PROVIDING & FIXING OF SIX 6" ELECTROMAGNETIC FLOW METER WITH GSM / GPRS REMOTE MONITOR DATA LOGGER AGAINST CONSUMER NO.00000139-02**

Sanction is hereby accorded amounting to Rs. 11,30,000/= (Rupees Eleven Lac Thirty Thousand only), as the cost worked out / evaluated by Procurement / Evaluation Committee-I, KW&SB vide Para-27/N as per your quoted amount and concurred by Finance Deptt: KW&SB vide Para-35 to 47/N duly approved by M.D. KW&SB vide Para-49/N in favour of M/s. MICRO TECH, against the above subjected work by calling Tender (On item rate basis) through 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.3,390/= @ 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 2011-2012.

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/2012/ 10

Dated: 18-6-2012

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


WORK ORDER

Subject: PROVIDING & FIXING OF SIX 6" ELECTROMAGNETIC FLOW
METER WITH GSM & GPRS REMOTE MONITOR DATA LOGGER
AGAINST CONSUMER NO.00000139-01

With reference to your Tender Dated: 14.05.2012 invited (On item rate basis) through Website (Sr.No.12259 & I.D. No.7874/2012) 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 / worked the cost of above subjected work amounting to Rs.11,30,000/= (Rupees Eleven Lac Thirty Thousand only) as per your quoted amount and concurred by Finance Deptt: KW&SB duly approved by M.D. KW&SB.

The expenditure is chargeable to the Head of A/C No.3539-01 for the year 2011-2012.

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.

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-855/12 & KWSB/DPR/2012/30 published in daily Express, The News on 24-04-2012 and daily Hilal-e-Pakistan on 25-04-2012. SPPRA Serial No.12259 LD No.7874/2012.
3	Tender Description/Name of Work/Item:	PROVIDING & FIXING OF SIX 6" ELECTROMAGNETIC FLOW METER WITH GSM / GPRS REMOTE MONITOR DATA LOGGER AGAINST CONSUMER NO.00000139-02
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>02 Nos</u>
7	Total Bid Received:	<u>02 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:	14-05-2012

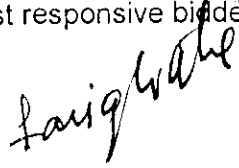
12 BID EVALUATION REPORT

S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDERS	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE/ REJECTION	REMARKS
1	M/s.Micro Tech	Rs.11,30,000/-	1 st Lowest	@%7.755%Below	Substantially Responsive	P.O Attached
2	M/s.Hunch Automation	Rs.11,65,000/-	2 nd Lowest	@%4.898%Below	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 (M.C.C)
Member


S.E (Design & Estimate)
Member


Chief Engineer (WA & GIS)
Member


Chief Engineer (IPD)
Convener 14/5/2012

KARACHI WATER & SEWERAGE BOARD


OFFICE OF THE CHIEF ENGINEER (IPD)

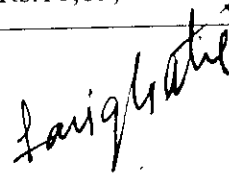
BID OPENING REPORT

1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	CDGK/ADVT/KW&SB-855/12 & KWSB/DPR/2012/30 published in daily Express, The News on 24-04-2012 and daily Hilal-e-Pakistan on 25-04-2012. SPPRA Serial No.12259 I.D No.7874/2012.
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8	Technical Bid Opening Date (if applicable):	N/A
9	No. of Bid Technically Qualified (if applicable)	N/A
10	Financial Bid Opening Date:	14-05-2012


11 BID OPENING REPORT

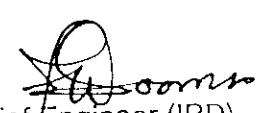
S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDERS	RANKING IN TERMS OF COST	REMARKS
1	M/s.Micro Tech	Rs.11,30,000/-	1 st Lowest	P.O Attached
2	M/s.Hunch Automation	Rs.11,65,000/-	2 nd Lowest	P.O Attached


Accounts Officer (WA&GIS)
Member / Secretary


S.E (M.C.C)
Member


S.E (Design & Estimate)
Member


Chief Engineer (WA & GIS)
Member


Chief Engineer (IPD)
Convener 14/5/2012

KARACHI WATER & SEWERAGE BOARD
OFFICE OF THE CHIEF ENGINEER (WA&GIS)
(ACCOUNTS OFFICE)

No: A.O/WA&GIS/KW&SB/2012/ **325**


Dated: 14-05-2012

NOTICE FOR MEETING

Name of Work: **PROVIDING & FIXING OF SIX 6" ELECTROMAGNETIC FLOW METER WITH GSM / GPRS REMOTE MONITOR DATA LOGGER AGAINST CONSUMER NO.00000139-02**

As directed by the Convener of the Procurement / Evaluation Committee-I a meeting of the Procurement Committee-I to evaluate the bids for the subject work is scheduled to be held on 16-05-2012 at 3.00 p.m in the office of the Convener of the Procurement / Evaluation Committee-I to finalize the matter of the above cited work as per SPPRA-2010.

All honorable members are requested to make it convenient to attend the meeting as scheduled, please.


ACCOUNTS OFFICER (WA&GIS)
Member / Secretary

Copy for information to:-

- | | |
|----------------------------|----------|
| 1. The C.E (IP&D), KW&SB | Convener |
| 2. The C.E (WA&GIS), KW&SB | Member |
| 3. The S.E (D&E), KW&SB | Member |
| 4. The S.E (M.C.C), KW&SB | Member |

COMPARATIVE STATEMENT

Name of Work: **PROVIDING & FIXING OF SIX 6" ELECTROMAGNETIC FLOW METER WITH GSM / GPRS REMOTE MONITOR DATA**
LOGGER AGAINST CONSUMER NO.00000139-02

Item No	Description of Work	Estimated Cost			M/s. Micro Tech		M/s. Hunch Automation			
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
1	<p>Cost of Electromagnetic Water Flow Meter 6" dia Flow Sensor</p> <p>Type: Flow Meter for Water Flow measurement Protection Rating: IP-68 Construction Material: Carbon Steel and Flange Type Liner: PTFE Sensing Electrode: AISI 316 Gounding Electrode: ISI 316 Temperature Range: 0 to +60° C (Max) Flow Transmitter</p> <p>Type: Remote version complete with mounting accessories Carbon Steel Displaying: Alphanumeric LCD display 2 Line, each of 16 Character and 3 programming keys HOusig Material: Painted aluminum die Casting Protection Rating: IP 67 Out Put: Two Digital Out Put Totalizer: Two eight-digit counters for forwarded net or reserve net flow Enclosure Rating: IP 67 Version (Remote)</p>	1	No	875,000	Each	875,000	810,000	810,000	820000	820,000

**Name of Work: PROVIDING & FIXING OF SIX 6" ELECTROMAGNETIC FLOW METER WITH GSM / GPRS REMOTE MONITOR DATA
LOGGER AGAINST CONSUMER NO.00000139-02**

Item No	Description of Work	Estimated Cost			M/s. Micro Tech		M/s. Hunch Automation		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
2	GPRS / GSM DATA LOGGER Data logger XLP RISC, bases CPU with multimode activation Data retentions: 1,500 Strings Real time clock Ultra low Power Local LCD display for parameter display and programming. JP68 Protection class Forward counter / totalizer Reserve counter / totalizer Battery voltage, Aux voltage, line pressure display Online, server connection authentication Standard Operation time: 6-Years GSM / GPRS DTU High power industrial cellular module 32 Bit ARM9 CPU EGSM900/GSM1800MHz Complaint to GSM Phase 2/2 +GPRS Class 10 GSM850/900: <33 dBm GSM1800/1900: <30 dBm FLASH 512 KB (Extendable) SRAM 256 KB (Extendable) Serial 2 RS 232 Ports, 15 KV ESD protectin Data bits, 5,6,7,8 Stop bits: 1, 1.5, 2 parity: none, even, odd, space, mark Baud rate 110- 230400 bps SIM4/UIM Standard 3V/1.8V user card interface 15 KV ESD protection Support TCP server and support multi TCP client connection. Support multi online trigger ways.	1	350,000		350,000	320,000	320,000	345,000	345,000
TOTAL QUOTED / CORRECTED NET COST (RS.)					1,225,000		1,130,000		1,165,000
						1st		2nd	

Calvin
 Accounts Officer (WA&GIS)
 Member / Secretary

Laird
 S.E (M.C.C)
 Member

[Signature]
 S.E (Design & Estimate)
 Member

[Signature]
 Chief Engineer (WA&GIS)
 Member

[Signature]
 Chief Engineer (IPD)
 Convener
 12/5/2012



KARACHI WATER AND SEWERAGE BOARD
OFFICE OF THE EXECUTIVE ENGINEER
WATER METER DIVISION (III)
KW&SB Officer's Club Building 9th Mile Karsaz Karachi.

REF NO: E.E/WMD-III/KW&SB/2012/810

Dated:25thMay, 2012.

To,
The Director CCB,
S.P.P.R.A
Block-8, Sindh Secretariat,
Karachi.

Subject: Submission of Evaluation Report.

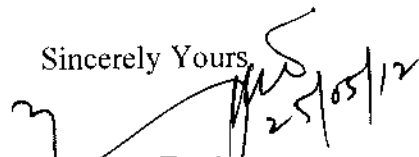
Dear Sir,

In continuation of Tender Notice No: CDGK /ADVT/KW&SB-855/ 12 &
KW& SB/DPR/2012/30 Published in daily Express, The news on 24-04-2012 and Daily Hila-e-
Pakistan on 25-04-12. SPPRA Serial No:12259 and ID No: 7874/2012..Opning Date of Tender 14-05-2012.

For your reference we are enclosed herewith Evaluation Report of as above tender notice.

Thanking You,

Sincerely Yours,


Executive Engineer
WMD-III, KW&SB

11/05/12
SA
7466
25/5/12

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-855/12 & KWSB/DPR/2012/30 published in daily Express, The News on 24-04-2012 and daily Hilal-e-Pakistan on 25-04-2012. SPPRA Serial No.12259 I.D No.7874/2012.
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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:	14-05-2012

12 BID EVALUATION REPORT

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2	M/s.Hunch Automation	Rs.11,65,000/-	2 nd Lowest	@%4.898%Below	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 (M.C.C)
Member


S.E (Design & Estimate)
Member

Chief Engineer (WA & GIS)
Member


Chief Engineer (IPD)
Convener