



KARACHI WATER & SEWERAGE BOARD

Office of the Chief Engineer

(BULK TRANSMISSION)

Block "B" 9<sup>th</sup> Mile Shakra-e-Faisal, Karachi

Tel # 99245130 Fax # 99240186

No. P.A.C.E (BT&D)/KW&SB/2012/

Dated: 21-01-2012

M/s. Hassam and Bros.  
R-1485/8, Azizabad,  
F.B.Area,  
Karachi

(SANCTION ORDER)

SUBJECT: REPAIR / MAINTENANCE WORK OF SIPHON NO.15 OVER FLOW  
CHAMBER NO.19 AND CHAMBER OF 84" DIA TRUNK MAIN

Your tender dated: 03-10-2011 costing of Rs.768,749/43 is hereby approved / sanctioned by the Competent Authority on the evaluated cost of Rs.7,68,749/- against B.G No.6083-22 for the year 2011-2012, the 2% Earnest Money is hereby treated as Performance Security and balance 8% will be deducted from bill.

You are therefore directed to attend the office of the undersigned alongwith non-judicial stamp paper @ 0.30% of the Sanctioned Cost i.e Rs.2306/- for signing the agreement.

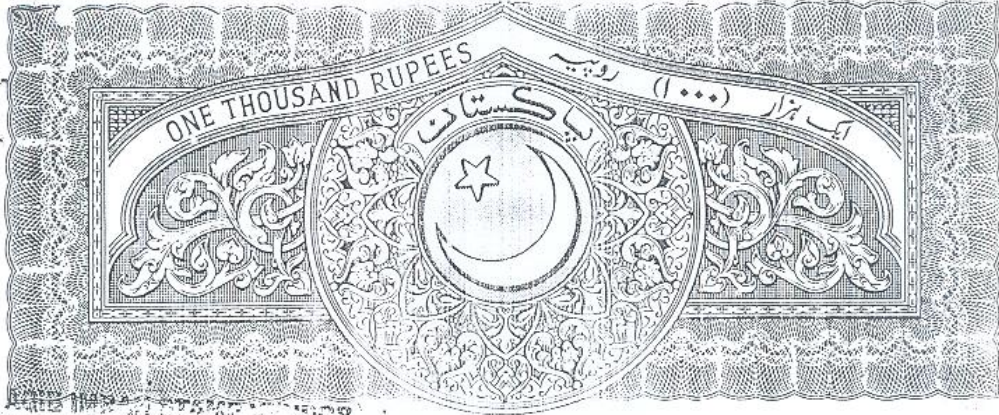
Chief Engineer (B.T)  
KW&SB

Copy To:

1. Superintending Engineer (BWSC), KW&SB.
2. Executive Engineer (KDC-I), KW&SB.
3. Accounts Officer (BT), KW&SB.
4. Office Copy.

PAKISTAN

1000 RS.



Licence No. Karim Plaza G. 21 JAN 2012  
S. NO. 470  
ISSUED TO M. Hassan & Brother  
THROUGH M. Hassan & Brother  
PURPOSE M. Hassan & Brother  
VALUE OF 1000  
STAMP VERIFIED BY M. Hassan & Brother

### AGREEMENT

THIS AGREEMENT made this 23<sup>rd</sup> day of JANUARY, 2012 BETWEEN - KW&SB and Contractor M/s. Hassam & Brother for the work of "REPAIR / MAINTENANCE WORK OF SIPHON NO.15 OVER FLOW CHAMBER NO.19 AND CHAMBER OF 84" DIA TRUNK MAIN" on the basis of assessed cost amounting to Rs.7,68,749/- (Rupees Seven Lac Sixty Eight Thousand Seven Hundred Fourty Nine only) as assessed by Procurement / Evaluation Committee-I as per Para-44/N to 50/N duly approved by M.D, KW&SB as per Para-52/N and Financial Concurrence accorded by Finance Department against B.G No.6083-22 for the year 2011-12 as per Para-78 to 90/N the 2% Earnest Money is hereby treated as Performance Security and balance 8% will be deducted from bill.

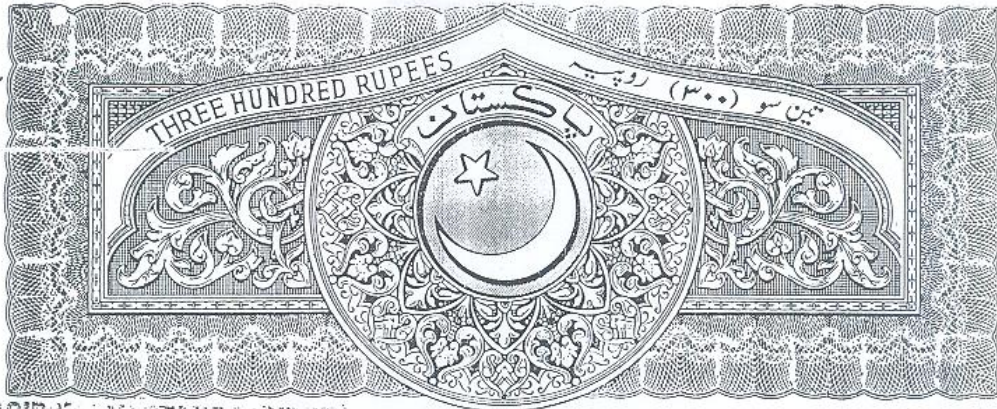
The following documents are part of this agreement.

- Bill of Quality (B.O.Q)
- Estimate.
- Drawings.
- Terms & Condition
- Sanction Letter No.PACE(BT&D)/KW&SB/2010/ dated: 21-01-2012.
- General directions and conditions of contractor for works on item rate tender (Central PWD code, paragraph-89 for the guideness of contractor and its Annexure).

The work will be executed as per approved specification of PPWD, Drawing, Design and Estimate of the department.

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

Cont...P/2



ACID...  
 License No. K...  
 Karachi... 21 JAN 2012

S...  
 IS...  
 T...  
 P...  
 V...  
 Z ALAM  
 ADVOCATE (Page # 2)

The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall be reckoned from the date on which the order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceeded with all due diligence (time being deemed to be of the essence of the contract) on the part of the contractor and the contractor shall pay as compensation an amount equal to one per cent., or such smaller amount as the Superintending Engineer (whose decision in writing shall be final) may decide, on the amount of the estimated cost of the whole work as shown by the tender for every day that the work remains un-commenced, or unfinished, after the proper dates. And further, to ensure good progress during the execution of the work, the contractor shall be bound, in all cases in which the time allowed for any work exceeds one month to complete one-fourth of the whole of the work before one-fourth of the whole time allowed under the contract has elapsed; one half of the work, before one-half of such time as elapsed and three-fourths of the work before three-fourths of such time has elapsed. In the event of the contractor failing to comply with this condition he shall be liable to pay as compensations an amount equal to one per cent, or such smaller amount as the Superintending Engineer (whose decision in writing shall be final) may decide on the said estimated cost of the whole work for every day that the due quantity of work remains incomplete. Provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed ten percent, on the estimated cost of the work as shown in the tender.

IN WITNESS WHEREOF the parties here to have hereunto set their respective hands and seals and ears first above writing.

*[Signature]*  
 M/s. Hassam & Bros  
 CONTRACTOR

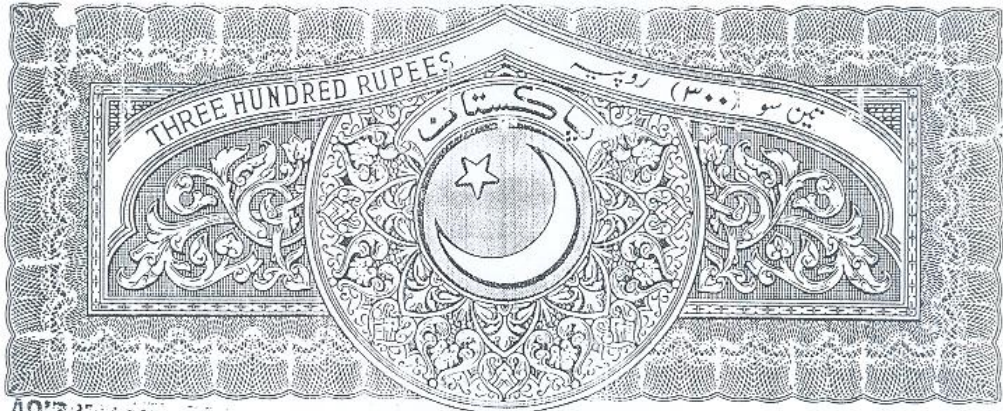
*[Signature]*  
 Executive Engineer (KDC-1)  
 KW&SB

*[Signature]*  
 S.E (BWSC)  
 KW&SB

*[Signature]*  
 CHIEF ENGINEER (B.T)  
 KW&SB

PAKISTAN

300 RS.

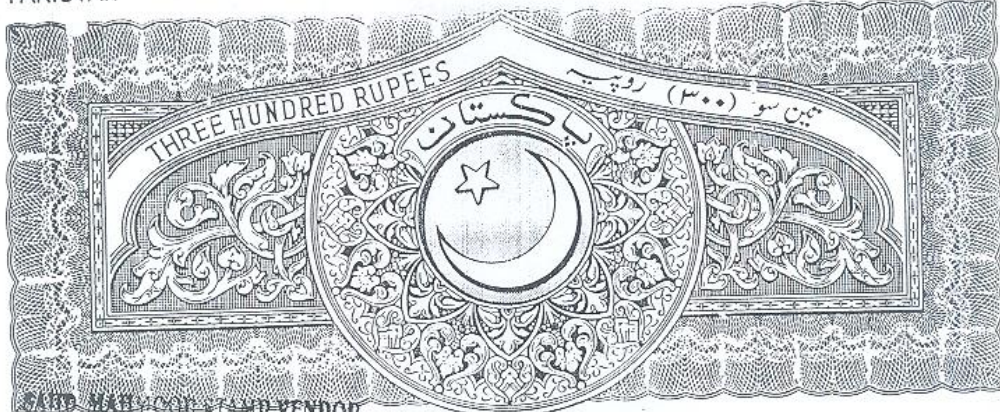


AQIB  
 Licer  
 Karm  
 21 JAN 2012  
 74848  
 S. NO.  
 IS  
 THE  
 PUB.  
 VALUE  
 STAMP VENDOR  
 R. Z. ALAM  
 ADVOCATE

*R/M works of Syphon no. 15 overflow  
 Chamber no. 19 and Chamber of 84" dia. Trunk Main.*

PAKISTAN

300 RS



**STAMP VENDOR**

Licence No. 106, Shop 8, Karim Plaza  
Block-19, D-10, F-7/1, Islamabad, Karachi

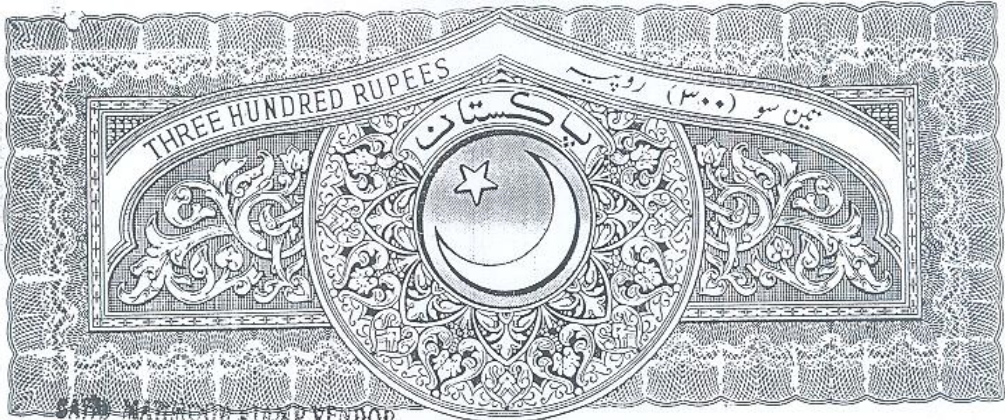
10 JAN 2011

S.No. 2782 Date.....  
 ISSUED TO WITH ADDRESS.....  
 THROUGH WITH ADDRESS.....  
 PURPOSE.....  
 VALUE RS 300 ATTACHED.....  
 STAMP VENDOR'S SIGNATURE.....

*RTM Workcap Siphon No. 15 overflows  
 Chamber No. 19 and Chamber 4 of 84<sup>th</sup> dia Tank in*

PAKISTAN

300 RS.



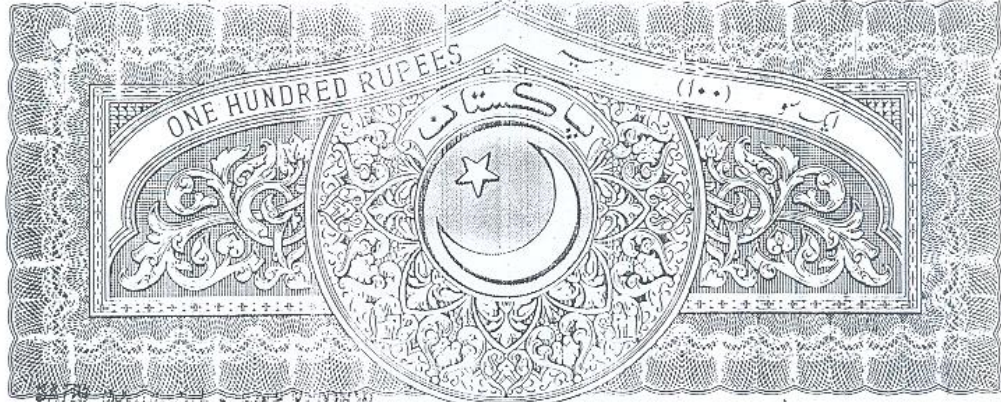
SAHIB MATHMOOD - STAMP VENDOR  
 Licence No. 100, Ghann B. Karim Plaza  
 Road 14, Durrani Market, Islamabad  
 S.No. 27058 Date.....  
 ISSUED TO WITH ADDRESS.....  
 THROUGH WITH ADDRESS.....  
 PURPOSE.....  
 VALUE 300 PAID.....  
 STAMP VENDOR'S SIGNATURE.....

10 JAN 2011

*R/M Wendy of Siphon No. 15 overflow  
 Chaudhary No. 19 and Chamber of 84<sup>th</sup> Aker Trunk main.*

PAKISTAN

100 RS.



Licence No. ...  
 S.No. 27659  
 ISSUED TO WITH ADDRESS ...  
 THROUGH WITH ADDRESS ...  
 PURPOSE ...  
 VALUE RECEIVED ...  
 STAMP VENDOR'S SIGNATURE ...

10 JAN 2011

R/W Work of Siphon No. 15 over flow  
 Chamber No. 19 and Chamber of 84 dia. from main

**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. KW&SB
- 2) PROVINCIAL / LOCAL GOVT / OTHER L.G., GOS.
- 3) TITLE OF CONTRACT R/M WORK OF SIPHON NO.15 OVER FLOW CHAMBER NO.19 & CHAMBER OF 84" DIA TRUNK MAIN NO.1
- 4) TENDER NUMBER NO.1
- 5) BRIEF DESCRIPTION OF CONTRACT R/M OF DAMAGED OVERFLOW CHAMBER
- 6) FORUM THAT APPROVED THE SCHEME M.D., KWSB
- 7) TENDER ESTIMATED VALUE 7,69,058
- 8) ENGINEER'S ESTIMATE 7,69,058  
(For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 15 DAYS
- 10) TENDER OPENING DATE & TIME 03-10-2011
- 11) NUMBER OF TENDER DOCUMENTS SOLD 03 NOS.  
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 2 NOS.
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 02 NOS.
- 14) BID EVALUATION REPORT COPY ATTACHED  
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER AZIZ MO, F.B. AREA, KARACHI.
- 16) CONTRACT AWARD PRICE \_\_\_\_\_
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATION BID).  
1ST LOWEST  
2ND LOWEST

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  No

21) ADVERTISEMENT :

i) SPPRA Website (If yes, give date and SPPRA Identification No.)	Yes	5341/2011
	No	
ii) News Papers (If yes, give names of newspapers and dates)	Yes	
	No	NO

22) NATURE OF CONTRACT  (Domestic) Local  Int.

23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy) Yes  No

24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy) Yes  No

25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING? Yes  No

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS? Yes  No

27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of Consultancies) Yes  No

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT? Yes  No

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS? Yes  No

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?  
(Attach copy of the bid evaluation report) Yes  No

**SPPRA**

31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	
No	NO

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS  
(If yes, give details)

Yes	
No	NO

33) WAS THE EXTENSION MADE IN RESPONSE TIME?  
(If yes, give reasons)

Yes	MIXED UP WITH OTHER FILES
No	

34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes, give details and reasons)

Yes	
No	NO

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT BLACK LISTED?

Yes  No

36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO BE ASCERTAINED REGARDING FINANCING CONTRACT, IF A ROAD:  
(If yes, enclose a copy)

Yes  No


37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC.)?

Yes  No

38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description)

Yes	
No	NO

23-01-2012

Signature & Official Stamp of Authorized Officer 

**FOR OFFICE USE ONLY**

*SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi*  
*Tele: 021-9205356; 021-9205369 & Fax: 021-9206291*

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

*(For Contracts Costing upto Rs 2.5 MILLION)*

*Standard Bidding Document* is intended as a model for admeasurements (Percentage Rate/unit prices or unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

## 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 Bidding Data.

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

1. **Notice Inviting Tender/ Invitation for Bid:** 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:** It 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. **Right of Rejection:** The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of PPRA Rules.

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. **Measurements:** All works shall be measured by standard instruments according to the rules.

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

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

9. **Eligibility criteria:** 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 security:** Bid without bid security of required amount and prescribed form shall be rejected.

11. **Arithmetical errors:** 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**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents)

- (a). Name of Procuring agency K.D(C-I), KW&SB.
- (b). Brief Description of Works REPAIR & MAINTENANCE WORK OF SYPHON NO.15 OVER FLOW CHAMBER NO.19 AND CHAMBER OF 84" DIA. TRUNK MAIN.
- (c). Procuring Agency's address:- BLOCK "B" 9<sup>TH</sup> MILE KARSAZ, NEAR AWAMI MARKAT.
- (d). Estimated Cost:- RS.7,69,058/-
- (e). Amount of Bid Security:- 2% OF BID COST. ( Fill in lump sum amount Or in % of bid amount / estimated cost, but not exceeding 5 %)
- (f). Period of Bid Validity (90 days):- (Can be extended more then 30 days.).
- (g). Security Deposit:- (including bid Security):- 10% including Bid Security.  
(In % age of bid amount / estimated cost equal to 10 %).
- (h). Percentage, if any, to be deducted from bills:- 1 1/2% WATER CHARGES
- (i). Deadline for issuance of Bids along with time :- 02-10-2011.
- (j). Deadline for submission of Bids along with time :- 03-10-2011 at 11:00 A.M
- (k). Venue, Time, and Date of Bid Opening :- IN THE ROOM OF C.E(IPD) / CONVENER OF PROCUREMENT COMMITTEE-1, AT BLOCK "B" 9<sup>TH</sup> MILE ON 03-10-2011 AT 11:30 AM.
- (l). Time for Completion from written order of commence:- 15 DAYS
- (L). Liquidity damages 0.05 of Estimated Cost of Bid cost per day of delay, but total not exceeding 10% ob bid cost.

  
Executive Engineer,  
K.D(C-I), KW&SB.

Conditions of Contract

**Clause – 1: Commencement & Completion Dates of work.** The contractor shall not enter upon or commence any portion of 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 commencement order, 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 – 3: 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 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 therefor.

**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 work 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 and 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: Subcontracting.** 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.

  
Divisional Accountant

  
Contractor

  
Executive Engineer/Procuring Agency



**KARACHI WATER & SEWERAGE BOARD**  
**FINANCE DEPARTMENT**  
**RECEIPT**

Receipt No.: 13

Book No.: 734

Date: 27-9-2010

Received Pay Order No.: 5413365 Dated: 26-9-2010

of HBL Bank Seishah Seafa Branch

for Rs. 15000 (Rupees) one thousand five hundred only

in favour of Hassan & Brothers

on account of cost of quotation / tender documents for the work of Repair & Maint.

work of Siphons No. 15 over flow Chamber

at Siphon No. 17, Chamber of 848 mill

main

*M. Hassan Khan*  
 Finance Department  
 K. W. & S. B.

(12)

KARACHI WATER AND SEWERAGE BOARD  
OFFICE OF THE EXECUTIVE ENGINEER,  
KARACHI DIVISION CIVIL-I

TENDER DOCUMENTS

ISSUED TO M/S. Hassam & Brothers.  
VIDE RECEIPT NO. 13 Dated 29-9-2011

1. Name of Work : REPAIR & MAINTENANCE WORK OF SYPHON NO.15 OVER FLOW CHAMBER, SYPHON NO.19 AND CHAMBER OF 84" DIA TRUNK MAIN
  2. Amount put to Tender : Item Rate Basis
  3. Date of opening & Time : 03/10/2011 AT 11:30AM
  4. Time allowed for completion :
- M. Aslam Khan*  
TENDER CLERK  
Finance Department  
K. W. & S.B.

GENERAL TERMS & CONDITIONS FOR THE GUIDANCE OF CONTRACTORS

- 1) Tender will be opened in the room of Staff Engineer (B.T) at 9<sup>th</sup> Mile office Block "B" Karachi- 8, on 3/10/2011, at 11:30 AM.
- 2) The Specification, drawings and details can be seen in the office of E.E, K.D(C-I, KW&SB).
- 3) The authority shall have the right of rejecting all or any of the Tender and will not be bound to accept the lowest Tender in the light of SPPR-2010.
- 4) The rates quoted by the contractor will be treated acceptable within 120days from the dated of opening of the Tender.
- 5) Schedule of work to quote the rate is enclosed herewith.
- 6) All PPRA Rules is applicable on the contract.

*M. Aslam Khan*  
Executive Engineer  
Karachi Division Civil-I  
KW&SB

1. Tender Received in Sealed Cover and opened by Tender Procurement Committee-I.
2. No Cutting or overwriting found/cutting Or overwriting found.
3. Contractor has enclosed Earnest Money in shape of Pay Order / Bank Guarantee.

Rs. 16,150/- Drawn on HBL

Di. 26/9/11 P.O. No. 54188

4. Quoted Amount @ Rs. 8,67,511/- (Eight Lacs seven thousand - five hundred eleven only)

5. Cost after rebate Rs. 1,21,100/- (The attached)

Account # 1111111111 S.E. (D&E) [Signature] S.E. (BWS)

Chief Engineer (BTL) [Signature] Chief Engineer (B&D) [Signature]





KARACHI WATER AND SEWERAGE BOARD  
OFFICE OF THE EXECUTIVE ENGINEER  
KARACHI DIVISION CIVIL - I

NO:- .E.E/KDC-I/KW&SB/Acctt./12/ 72

Dated:- 23/01/2012.

To,


M/s. Hassam & Brothers,  
Karachi.

WORK ORDER

SUBJECT: REPAIR / MAINTENANCE WORK OF SYPHON NO.15  
OVERFLOW CHAMBER NO.19 AND CHAMBER OF 84" TRUNK  
MAIN.

Ref. No. P.A.C.E(B.T)/KW&SB/2012/ , Dated 21-01-2012.

After execution of the agreement, it is therefore, directed to start the work within 3 days after receipt of this work order and complete it within 15 days positively.

  
Executive Engineer  
Karachi Division Civil-I,  
K.W. & S.B.

Copy to:-

1. The C.E.(BT&D), KW&SB.
2. The S.E.(BWSC), KW&SB.
3. The A.E.E( ), KW&SB.

MINISTRY OF WATER & ELECTRICITY  
 FINANCIAL CONCURRENCE DIVISION L I P

DIARY NO : 1399  
 DIARY DATE (IN) 21/01/2012  
 FUN/CUT DATE : 21/01/2012

NAME OF DEPARTMENT  
 NAME OF DIVISION

BULK SUPPLY SERVICES  
 KARNALI DIVISION

NATURE OF EXPENDITURE : REPAIR & MAINTENANCE

ADMINISTRATIVE PERMISSION NO. AND DATE NO. 11 01 2012/00000\*

HEAD OF ACCOUNT	TOTAL BUDGET ALLOCATION	AMOUNT CONSUMED	NO. OF FILES CONCURRED IN THIS HEAD TO DATE
408322	30,00,000	7,68,749	7

DETAILS OF WORKS : REPAIR MAINTENANCE WORK OF SYPHON NO. 15 OVERFLOW CHAMBER  
 D. 19

REMARKS :

*[Signature]*  
 DIRECTOR (ACCOUNTS) KUSE

P-49  
 1

**NOTE SHEET**  
**(Finance Department)**  
( )

Paras

Reference

**SUBJECT:-** REPAIR / MAINTENANCE WORK OF SYPHON NO.15 OVERFLOW CHAMBER NO.19 AND CHAMBER OF 84" DIA TRUNK MAIN. FOR RS. 7,68,749/- IN F/O M/S.HASSAM & BROTHERS. (3682-09).

78/

The tenders have been examined and comments are as under:-

78/

Administrative approval has been obtained by the MD, KW&SB at para 39/N, to invite the tenders through press & web site under SPPR-2010.

80/

The NITs were notified through Web Site of SPPRA vide letter No.EE/KDC-I/Estt./KW&SB/2011/567 dated 26-09-2011 and tenders opened on 03-10-2011 by Tender opening committee.

81/

In response to the NIT's two tenders received and M/s. Hassam & Brothers has been quoted the rate @ Rs. 7,68,749/- after given 4.8% rebate (later attached with Tender Document).

82/

Evaluation Committee formed was consisting on the following to evaluate the tender:-

- |     |             |             |
|-----|-------------|-------------|
| 1)  | CE(IPD)     | Convenor    |
| 2)  | CE(BTM)     | Member      |
| 3). | SE (BWS)    | Member      |
| 4). | SE (DESIGN) | Member      |
| 5). | AO (BT)     | Member/Secy |

83/

The Evaluation Committee in its recommendation made at para 50/n evaluated the cost of work RS.7,68,749/- for which approval form the MD, KW&SB has been obtained at para No,52/n.

84/

The proposal was returned vide par No. 63n to 70/n, , now the CE(E&M) has obtained the approval of MD, KW&SB for extension of 30 days as per Rule-38 (4) of SPPRA-2010 vide para No.76/N.

85/

The expenditure is chargeable to B.G No.6083-22 for the year 2011-2012.

86/

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

87/

The proposal is concurred in and above observation may be complied with before submission of bill for payment.

*[Signature]*  
I. A. O. II

88/

DY: DIRECTOR ACCOUNTS

88/

DIRECTOR ACCOUNTS.

80/

DMD (FINANCE).

CE (BT).

*[Signature]*  
21/1/2012  
*[Signature]*  
0/20/1/2012



# NOTE SHEET

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SUBJECT: REPAIR / MAINTENANCE WORK OF SYPHON NO.15 OVER FLOW CHAMBER NO.19 AND CHAMBER OF 84" DIA TRUNK MAIN.

72

It is submitted that the above tender was opened on 03-10-2010, and 90 days validity period was expired on 31-12-2011, due to misplacing of the file and mixed-up with other files and the same have been trace out on 07-12-2011, but during transition of file for approval of competent authority and financial concurrence the 24 days time was expired.

73

In view of the above, 30 days validity period upto 30-01-2012 as per clause-2 of Rule 38 of SPPR-2010, may please be extended due to urgency and necessity of work.

  
Executive Engineer,  
K.D(C-1), KW&B.

74

The S.E.(BWSC) / C.E.(B.T), KW&B.

Approved as requested by EE(KDC-I) at para 73/N may please be obtained from M.D., KW&B.


  
EE(B.T)

L.A. (O.D.)  
24/1/12  
20/1/12  
20/1/12

75

DMD (T.S)

Approved as requested by the C.E.(B.T) at para 74/N may please be accepted.

  
21.1.2012  
DMD(T.S)  
3  
21/1/2012

76

Asst MP (Miss)

Allowed as proposed by DMD (T.S) vide para 75/N above.

77

DMD (T.S)

  
20/1/2012

# NOTE SHEET

(Page 5)

Reference

Paras

3071

SUB: REPAIR & MAINTENANCE WORK OF SYPHON NO.15 OVER FLOW CHAMBER SYPHON NO.19 AND CHAMBER OF 84" DIA TRUNK MAIN

44

## 1. BACK GROUND

As report submitted by E.E (KDC-I) that the Syphon No.15 over flow chamber beams are rusted and slabs was damaged due to which the chamber is opened. The villager's women wash the cloths and taken water from the chamber. It is very dangerous position for fallen the children in the chamber.

45

## 2. ENGINEER ESTIMATE

The Engineer Estimate amounting to Rs.769,058/- has been checked by Design Section, KW&SB, approval for calling tender under SPPRA-2010 has been accorded by the Managing Director, KW&SB vide Para-39/N4.

46

## 3. BIDDING PROCEDURE

The invitation tender documents were notified through publication via SPPRA Web Site vide No.5413773 dated:16-09-2011 S.No.9726 SPPRA I.D No.5341/2011. The tender opening date was 03-10-2011. Details of the invitation of tenders are presented in Appendix-A.

47

## 4. RECEIPT OF BID

Two Bids were received in time. The Tender Procurement Committee-I (TPC) of KW&SB, which constituted by the Competent Authority, KW&SB was responsible to collect opened and announced the bids by C.E (IPD) as Convener in presence of the respective representatives of the participants on 03-10-2011 at 11.30 am in the Committee Room of Block-B.

48

## 5. Evaluation Committee

The Evaluation Committee constituted by the Competent Authority, detail as below:

1	Chief Engineer (IPD), KW&SB	Convener
2	Chief Engineer (B.T), KW&SB	Member
3	S.E (Design & Estimate), KW&SB	Member
4	S.E (Bulk Water Supply), KW&SB	Member
5	Accounts Officer (B.T), KW&SB.	Member/Secy.

The meeting of the Procurement / Evaluation Committee-I was held on 14-10-2011 vide letter No.A.O/C.E (B.T)/KW&SB/2011/05 dated: 10-10-2011. The details are as under:

49

## 6. Arithmetical Check & Recommendation of the Committee

Table 1.1 Summarize the corrected bid prices after necessary correction by the Committee which constituted by the Managing Director, KW&SB and proposed following results:-

Table 1.1

Sr. No	Name of Contractor	Quoted Cost	Corrected Cost	After Rebate
1	M/s. Nageen Corporation	Rs.845,964/-	Rs.845,962/-	-
2	M/s. Hassam & Brothers	Rs.807,511/-	Rs.807,510/-	Rs.768,749.43

\* Lowest Bidder i.e M/s.Hassam & Brothers has given 4.8% rebate letter with the Tender Document after rebate cost comes to Rs.768,749/-.



Karachi Water & Sewerage Board  
Office of the Executive Engineer  
Karachi Division (Civil-I)  
9<sup>th</sup> Mile, Karsaz, Shara-e-Faisal, Karachi

NO: E.E.(KDC-I)/Estt./KWSB/2011/567

Dated: 26/9/2011


To,

The Director (CB),  
SPPRA, G.O.S

SUBJECT: NIT NO. EE/KDC-I/KW&SB/ACCTT/2011/551 DATED 15-09-2011,  
OPENING DATE 03-10-2011.

Ref No. Dir(CB-1039)/SPPRA/35-I(KW&SB)/11/12/1656 Dated 21-09-2011.

With reference to the letter cited above, it is intimated that the cost of estimate is Rs. 7,69,058 and as per rule 17 the N.I.T may be heisted on SPPRA,s website please.

  
Executive Engineer,  
K.D(Civil-I), KWSB

Copy to:-

- 1) The C.E (BT), KW&SB
- 2) The S.E (BWSC), KW&SB

KARACHI WATER AND SEWERAGE BOARD  
OFFICE OF THE EXECUTIVE ENGINEER  
KARACHI DIVISION CIVIL-I

NO: E.E/KDC-I/KWSB/Acctt/2011/SS1

Dated: 15/9/2011.

To,

The Director (CB),  
SPPRA Sindh,  
Karachi.

SUBJECT:- N.I.T. ALONGWITH NOTICE FOR ADVERTISING ON WEBSITE OF  
SPPRA SINDH.

Enclosed please find herewith NOTICE INVITING TENDER for publication on  
website at the earliest as per Rule 17 of SPPR 2010 alongwith Pay Order of Rs.1000/-.

Encl: As above.

Executive Engineer,  
Karachi Division Civil-I,  
K.W.&S.B.

Copy to :-

1. The D.M.D(T.S), KWSB.
2. The C.E.(B.T), KW&SB.
3. The S.E(BWSC), KWSB.
4. The Director(Accounts), KWSB.
5. The Dir(Planning), KWSB.
6. The Staff Engineer(B.T&D), KWSB.
7. The Dir(I.T), KWSB.
8. The A.O(Revenue), KWSB.
9. The Budget Officer, KWSB.
- ✓ 10. Office copy.

KARACHI WATER AND SEWERAGE BOARD  
OFFICE OF THE EXECUTIVE ENGINEER  
KARACHI DIVISION CIVIL-I

NO: E.E/KDC-I/KWSB/Acct/2011/SS1

Dated: 15/9/2011.

To  
The Director (CB),  
SPPRA Sindh,  
Karachi.

*Handwritten:* 24/3/13, 16/9/11, Karachi, Sindh, Government, Karachi, Sindh, Karachi

SUBJECT:- N.I.T. ALONGWITH NOTICE FOR ADVERTISING ON WEBSITE OF SPPRA SINDH.

Enclosed please find herewith NOTICE INVITING TENDER for publication on website at the earliest as per Rule 17 of SPPR 2010 alongwith Pay Order of Rs.1000/-.

Encl: As above.

*Handwritten:* M  
Executive Engineer,  
Karachi Division Civil-I,  
K.W.&S.B.

Copy to :-

1. The D.M.D(T.S), KWSB.
2. The C.E.(B.T), KW&SB.
3. The S.E(BWSC), KWSB.
4. The Director(Accounts), KWSB.
5. The Dir(Planning), KWSB.
6. The Staff Engineer(B.T&D), KWSB.
7. The Dir(I.T), KWSB.
8. The A.O(Revenue), KWSB.
9. The Budget Officer, KWSB.
10. Office copy.



KARACHI WATER AND SEWERAGE BOARD  
OFFICE OF THE EXECUTIVE ENGINEER  
KARACHI DIVISION (CIVIL-I)

Tender Notice

The Executive Engineer K.D(C-I), KW&SB invites sealed Tender on Item Rate basis through press & website for the works mentioned below on the SPPR-2010. The Tender will be received in the office of the Chief Engineer (B.T&D) at Block "B" 9<sup>th</sup> Mile up to 11:00 A.M on the date mentioned below. The Tender will be opened on the same day at 11:30 AM by the Chief Engineer (IPD) Convener of the Procurement Committee in the presence of other members of Procurement Committee & tenderers or their representative who may be present.

Sr. No.	Name Of Work	Estimate Cost	Earnest Money	Tender Cost	Date Of Opening
1)	REPAIR & MAINTENANCE WORK OF SYPHON NO.15 OVER FLOW CHAMBER, SYPHON NO.19 AND CHAMBER OF 84" DIA TRUNK MAIN.	Item Rate Basis	2% Quoted Rate	RS= 1500/-	03-10-2011

The tender documents can be had from office of the C.E(B.T) situated at Block "B", 9<sup>th</sup> Mile Karsaz, Dir(Accounts) at Head Office, Dir(Planning) at 9<sup>th</sup> Mile Karsaz and A.O(Revenue), at Head Office during office hours on any working day before one day from the date of opening on payment (non-refundable). The specification, drawing and detail can be seen in the office of Executive Engineer, Karachi Division Civil-I, KW&SB, during office hours on any working day.

No tender will be issued on the date of opening of the tender.

In case of holiday or any other reason tender will be opened on the next working day.

The KW&SB. reserves the right to reject or accept any tender without assigning any reason in the light of SPPR-2010.

E.E., K.D(C-I), KW&SB.

WEBSITE

1. [www.Sindhgov.pak](http://www.Sindhgov.pak)
2. [web\\_master@karachicity.gov.pk](mailto:web_master@karachicity.gov.pk)  
or  
[webcdgk@yahoo.com](mailto:webcdgk@yahoo.com)



HABIB BANK

NOT NEGOTIABLE  
AT/PAYEE ONLY

HBL Sindh Secretariat  
Bt. (0916) Karachi

5413273

Banker's Cheque

This Banker's Cheque is valid for 60 months from date of issue

Cheque No. 5413273

Date 14 SEP 2011

On Demand Pay  
To The Order Of

M/S SSPRA

The Sum of: ONE THOUSAND ONLY

1000/-

For Habib Bank Limited

PAYABLE AT ANY HBL BRANCH IN PAKISTAN  
Centralised Cheque Payable Account  
30019903902586

AUTHORISED SIGNATURE  
AUTHORISED SIGNATURE  
PA No. 30019903902586

DO NOT WRITE BELOW THIS LINE

⑈5413273⑈054300⑈19903902586⑈0⑈0⑈

# NOTE SHEET

(Page 1)

Paras

Reference

SUBJECT: R/m work of Siphonia IS, merflow  
Chamber, Siphonia A, Chamber &  
the chamber in 25' dia, T/m an

In compliance of the SOP # 1, dated 03-03-2004, the estimate for the above work amounting to Rs. 760131/- is submitted herewith for technical checking from Dir(Design), KWSB before obtaining administrative approval of competent authority.

Submitted please.

Executive Engineer,  
(KDC-1), KWSB.

The SE (BWS), KW&SB

For technical checking of estimate

Dir(Design)

Signature  
SE (BWS)

Signature 15/01/11

The rates and calculations of the estimate have been checked arithmetically for Rs.

Rates incorporated in the estimate based on market & statistical prediction rates as per letter no. ~~EE/110/KIN 5.3/2007/273 dt. 23/1/07~~. R/A may pl. be signed & verified by the concerned EE & SE before processing the case. Submitted for further n/a pl.

E.E. No. 18/2/2011  
S.E. No. 2/02/11  
Director(Des)

Re. Submit the call R/A signed & verified by SE

Please Check & Sign  
13/1/11  
Dir(Design)

EE/100/11/42  
dt. 15-01-2011

DIRECTOR (Design)  
No. 6283  
15/1/2011

DIRECTOR (Design)  
No. 6418  
18/2/2011

C.E./B.T.D./No 109  
 Dated 28-02-2011

**G. E. (BWS) CIRCLE**  
 BY No. 109  
 Dated 28-02-11

**E. E. K. D. (C)**  
 DY No 109  
 Dated 28-02-2011

Sub. R/m of work of syphon No 15 over  
 flow chamber, Syphon - 19 and Chamber on  
 B4P Trunk main.

DY: 384  
 Dated 1-3-2011

- 2- The rates and calculations of the estimate have been checked arithmetically for Rs. 7,69,058/- (Rupees seven lacs sixty nine thousand and fifty eight)
- 10- Rates incorporated in the estimate based on market & statistical bulletin rates as per letter No CE/190/-KW & SB/2007/293 dated 23/1/07.
- 11- submitted for further m/a pl

12 A.E.E.(D) [initials] 23/2/11  
 E.E. II Sub-Eng. 22/2/11  
 13 S.E. II EE (C)  
 14 Director (D.EE) S.E. (C)  
 15 CE (IPSD) 24/2/2011  
 16 CE/ST. [initials] 21/2/2011

**OUT WORK**  
 Director (Engineering)

No. 28/2/11  
 Date 28/2/11  
 824045  
 12/11  
 Put up note sheet  
 through website  
 2/11  
 [initials]

Office of the Assistant Executive Engineer (KSD) KDC-1 KWSB

Name of work: - R/M work of syphon-15 over flow chamber, syphon-19 chamber and the chambers on 84" Trunk main.

Amount of Expenditure: - 760131/-

Budget Head in which estimate will be charged.



History:

Syphon no-15 over Flow chambers Beams and slabs was damaged, Beams are rusted, Now the chamber is opened. The villagers women wash the clothes and taken water from the chamber. It is very dangerous position for fallen the children in the chamber. This situation has been brought in the knowledge of Executive Engineer, Superintending Engineer. The Executive Engineer gives instruction to make an estimate without delay.

In this Connection the Assistant Executive Engineer has prepared an estimate Amounting to Rs. 760131/-, so that, we save the drinking water otherwise it is wastage of drinking water. Also the photographs of syphon-15 is (att. behind).

Method: - Through Contractor.

Rate: - Attached Rate Analysis.

Drawings: - Attached.

Time: - 15 days.

Mr. Aee in. ✓/x  
Put up note  
Muz  
7/11/2011

Aheem  
AEE (KSD)  
KDC-1 KWSB.



### Abstract of Cost Original Estimate

Karachi Sub Division K.D (civil) KM&SB

Name of work: Repairing and maintenance work of siphon-15 over the chamber, siphon-18, and Chamber on 84<sup>th</sup> Street, Trunk Main.

Item	Sub head and item of work	Quantity	Rate		Per	Amount	
			Rs.	Ps.		Rs.	Ps.
①	Excavation in all kind of soil, medium, hard, average, or soft including lift upto 5 feet (1.52m) and below upto one chain (30.48m).	✓ 95 cu ft	434/04	468/24	✓ 416/04	449/15	
②	Founding and laying in 8 cu 14:8 (Cement, 4 sand, 8 coarse aggregate) Cement concrete using 80mm x 80mm x 3/4" with (19mm) and clean gauge in foundation for masonry and stone including form work compacting curing and removal of work etc. Complete foundation and basement upto 5 feet (1.52m) depth and finish upto 4 feet (1.22m) height from ground level.	✓ 24 cu	571/94	7518/55	✓ 1351/26	1824/00	Estimate has technically sanctioned costing to Rs 7.69, 05 1/2 (seven and sixpence) and
③	Plt in all 12:4 (Cement, 4 sand, 4 coarse aggregate) P.C.C. 1:2:4 & c.c. using sawn and ground stone 13/4" and down 1/2" size. Advice minor repair work with curing strength of 28 days with max one	✓ 58 R.O.D	SR R.O.D	SR R.O.D	SR R.O.D	SR R.O.D	

c/o for 1777 98



# DETAILS OF MEASUREMENTS

NAME OF WORK R/M work of siphon -15 over flow chamber, siphon-19, chamber, and chamber on 84% Trunk Main

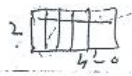
S. NO.	DETAILS OF WORK	NO.	MEASUREMENTS			QUANTITIES
			L	B	H	
①	Excavation in all kind of soil					96 cft
	Columns 6 Nos. (3'-0" x 1'-0" x 1'-0")	1x6	4'-0"	2'-0"	2'-0"	24 cft
②	P/L in situ 1:4:8	1x6	4'-0"	2'-0"	0'-6"	180 cft
③	Providing and Laying in situ.					24.00 cft
	1:2:4 --- columns footing →	1x6	4'-0"	2'-0"	0'-6"	11.25 cft
	Columns	1x6	1'-0"	1'-0"	3'-0"	18 cft
	Beams At Siphon no-15	1x3	30'-0"	1'-0"	2'-0"	180 cft
	Slab over flow chamber	1x168	7'-0"	1'-0"	0.666'	783.99 cft
	Beams At the chamber on	1x20	14'-0"	1'-0"	0.666'	186.48 cft
	Slab 84% Trunk Main (chamber)	1x50	8'-0"	1'-0"	0.666'	266.4 cft
	Slab At the chamber on	1x50	8'-0"	1'-0"	0.666'	266.4 cft
	Siphon no-19	a- footing =			35.25 cft	1701.27 cft
		(b) Columns =			18.00 "	
		(c) Beams =			326.48 "	
		(d) Slab =			636.79 "	
④	P/L mild steel reinforcement					
	10mm/3/8" φ = 57 cwt	3/8" φ 2	41.12 cwt			57 cwt
	12mm/1/2" φ = 98 cwt	1/2" φ 2	112.17 cwt			98 cwt
	25mm/1" φ = 71.36 cwt	1" φ 2	72.20 cwt			71.36 cwt
			9.25.49 cwt			226.36 cwt

The detail of steel is in the Bar Bending schedule.

CARRIED OVER

Executive Engineer (S)  
KDC-1 KESB

Checked by  
AEE (KSD)  
KDC-1 KESB





## BAR BENDING SCHEDULE

Name of work: — Repairing and Maintenance work of siphon — 15 over for chamber, siphon — 19 chamber and chamber on 84" Trunk Main —

Description.	Mark	DIA	Distance	No. of Bars	Length of Each Bar	Total Nos.	Total Length	Weight
Columns (3'x1')	2'-0" 13	1/2"	6" c/c	8 Nos.	2'-2 1/2"	06 Nos.	120 ft	
Columns Jolly	4'-0"	1/2"	6" c/c	4 Nos.	4'-0"	06 Nos.	96 ft	
Main Bar Distribution Bar	3'-0"	1/2"	6" c/c	8 Nos.	4'-0"	06 Nos.	192 ft	
Main Bar Columns.	15"	3/8"	6" c/c	6 Nos.	3'-6 1/2"	06 Nos.	144 ft	
Rings	29'-0"	1"	6" c/c	4 Nos.	30'-0"	03 Nos.	360 ft	
Beams (29'-2 1/2")	6"	1"	6" c/c	4 Nos.	30'-0"	03 Nos.	360 ft	
Main Bar Top.	6"	1"	6" c/c	4 Nos.	30'-0"	03 Nos.	360 ft	
Main Bar Bottom	6"	1"	6" c/c	4 Nos.	30'-0"	03 Nos.	360 ft	
Rings	29'-0"	1/2"	6" c/c	58 Nos.	6'-6 1/2"	03 Nos.	1049 ft	
Beams (14'-0 1/2")	13'-6"	1"	6" c/c	4 Nos.	14'-8"	20 Nos.	1160 ft	
Main Bar Top	16"	1"	6" c/c	4 Nos.	14'-6"	20 Nos.	1160 ft	
Main Bar Bottom	13'-6"	1"	6" c/c	4 Nos.	14'-6"	20 Nos.	1160 ft	
Rings	16"	1/2"	6" c/c	28 Nos.	3'-2 1/2"	20 Nos.	1769 ft	
					3'-0"		1769 ft	

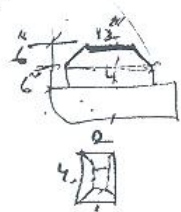
based upon Statistical Bulletin Vol-54 (Pak) and current market rates

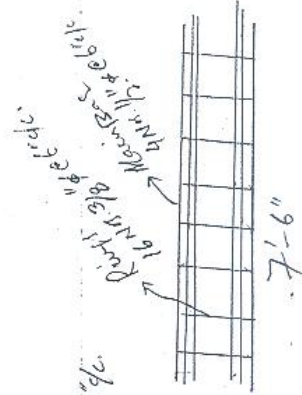
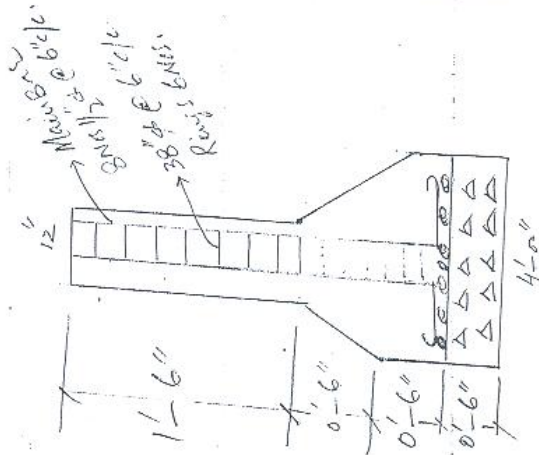
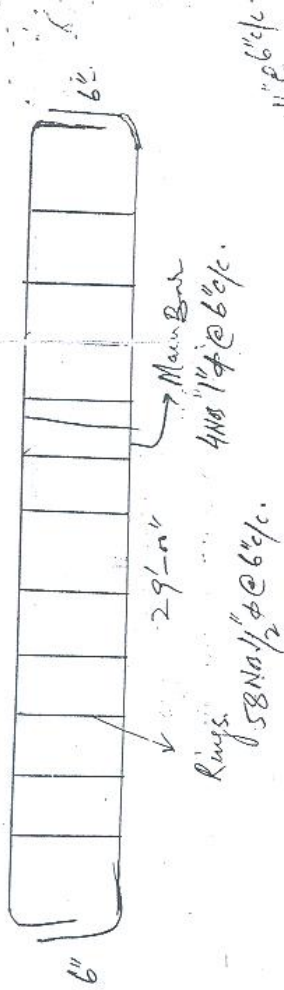
4 Feet Internal diameter without RCC manhole cover with CI frame (15 kg) and 5 feet clear depth  
 1:2:4 using 50% crush stone and 50% graded bajri 9" thick wall 1:4:8 cement concrete in 6 ft dia  
 1/2" thick in foundation, 1:2:4 CC in benching 1/2" thick cement plaster 1:3 cement mortar on inside wall  
 surface of channel and benching to top including making required numbers of main and branches channels  
 dia bars M.S foot rest at 12" C/C including cost of excavation in all kind of soil, back filling and disposal of  
 excavated stuff etc complete, as per design and instruction of the Engineer Incharge

S No	Description	Quantity	Unit	Rate	Per	Amount
1	Excavation in all kinds of soil, medium, hard, average in soil including lift up to 5 feet (1.52 m) and lead up to one chain (30.48m)	0' to 5'	Cft	468.24	%Cft	1034.01
		5' to 8'	Cft	523.19	%Cft	115.168
2	Providing and laying in situ 1:2:4 (1 Cement, 4 sand, 8 coarse aggregate) cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge in foundation basement and plinth including form work compacting curing and removal of work etc complete foundation and basement up to 5 feet (1.52 M) depth and plinth up to 4 feet (1.2 M) height from ground level	14	Cft	7510.55	%Cft	1052.60
3	Providing and laying in situ 1:2:4 (1 Cement, 2 sand, 4 coarse aggregate) cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge in foundation basement and plinth including form work compacting curing and removal of work etc complete foundation and basement up to 5 feet (1.52 M) depth and plinth up to 4 feet (1.2 M) height from ground level	53	Cft	9075.67	%Cft	4971.33
4	1/2" (13 mm) thick cement plaster (1:3) on walls and columns, etc in basement, plinth, mezzanine and ground floor including making edges, corners and curing etc	64	Sq	1103.45	%Sq	763.81
5	CI frame (15 kg)	15	Kg	41.8	Kg	627.00
6	P/F M.S footrest (3/4" dia bars) 3.75 Rft each x 03 Nos = 11.25 Rft or 7.66 kg	7.66	Kg	40.22	Kg	369.27
7	Filling and disposal of earth	136	Cft	274.64	%Cft	373.78
Totals						9307.86

Haqwee  
 AEBB (KSD)  
 KDC-1  
 Kw & SB

3  
 Executive Engineer (C)  
 KDC-1 KW & SB





*[Signature]*  
 G. M. ...  
 ENGINEER

*[Signature]*  
 AEE(KSD)  
 KDC-1 KLS & SB

# KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

(1)



## BID EVALUATION REPORT

1	Name of Procuring Agency :	<u>KARACHI WATER &amp; SEWERAGE BOARD</u>
2	Tender Reference No:	SPPRANo.5413773.ID NO.5341/2011
3	Tender Description/Name of Work/Item:	<u>REPAIR &amp; MAINTENANCE WORK OF SYPHON NO.15 OVER FLOW CHAMBER SYPHON NO.19 AND CHAMBER OF 84" DIA TRUNK MAIN</u>
4	Estimated Cost:	The estimated amount i.e Rs.769,058/-
5	Method of Procurement:	Electronic Media
6	Tender Published:	Publication via SPPRA Web Site Serial No.9726 dated: 16-09-2011
7	Total Bid Documents Sold:	<u>03 Nos</u>
8	Total Bid Received:	<u>02 Nos</u>
9	Bid (s) Rejected:	<u>Nil</u>
10	Bid Opening Date:	<u>03-10-2011</u>

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.Nageen Corporation	Rs.845,961.61	2 <sup>nd</sup>	@ 9.99% Above	Responsive Bid	-
2	M/s. Hassam & Brothers	Rs.807,509.91 After rebate 4.8% Rs.768,749.43	1 <sup>st</sup>	@ 0.04% Below	Responsive Bid	Rebate letter attached with tender documents

All concerned bidders are being informed accordingly.

M/s.Hassam & Brothers was declared as the lowest responsive bidders.

*[Signature]*  
Accounts Officer (B) /  
Member Secretary  
Karachi Water & Sewerage Board

*[Signature]*  
ZAFAR ALI PATIWO  
Supt. Bulk Water Supply  
Member (BWS)

*[Signature]*  
3.10.11  
SAJIDUDDIN  
S.E (Design & Estimate)  
Member (S.E) Circle, K.W.S.B.

*[Signature]*  
Chief Engineer (BWS)  
(Bulk Water Supply Wing)  
Karachi Water & Sew. Board

*[Signature]*  
Fardeen Ahmed Soomro  
Chief Engineer (IP&D)  
Convener  
K.W.S.B.

- C.C. to:-
1. All Participants
  2. Bidders

\*