

Percentage Rate/unit price for unit rates in a Bill of Quantities) types of contract.

The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER (WATER) BIN QASIM TOWN DISTRICT MALIR KW&SB

Estimated Cos:	On Item Rate	Issued to M/S
Tender Cost	Rs.1000/-	-
Time limit	(30) Days	Pay Order No. Dated:
Penalty	1000/-Per Dav	

ISSUING AUTHORITY

Name of work - PROVIDING & LAYING 200MM & 150MM DIA U-PVC WATER SUPPLY NETWORK AT BAKRA PIRRI AND ADJOINING AREAS

UC-03, BIN QASIM TOWN.

S	Description of work QTY Rate		Per	Amount in		
#			Rupees in Rupees in Words		Unit / Item	Rupees
2	Execution for ripe line in trenches and pits in all kinds of soils of murum i/c trimming and at dressing sides to true alignment and shape leveling of beds in trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer In charge providing fence guard lights flags and temporary crossings for non vehicular traffic where ever required lift upto 5 ft (1.52m) and lead upto one chain. Providing, laying UPVC Pressure pipes of Class "C" (Equivalent Make) fixing in trench I/C Cutting, fitting and jointing with "Z" joint with one end rubber ring i/c testing with water	18750.00 Cft		·	%0 Cft	
	to a head 91.5 meter or 300 ft. 8" 200mm dia 6" 150mm dia	500 Rft 1000 Rft			P/Rft P/Rft	
3	Sluice valve having pattern (test pressure 21.01 kg/sq. com or 300 lbs sq. in) (Imported).					
	8" 200mm dia 6" 150mm dia	01 No 02 Nos			Each Each	
4	Fixing of Sluice valves with 2 cost iron tail pieces one end flanged and other with socket i/c the cost of nuts bolts and rubber packing labour etc complete.					
	8" 200mm dia 6" 150mm dia	01 No 02 Nos			Each Each	
5	Cast iron specials for UPVC pressure pipes cast iron specials for PVC/AC					
	8" To 6"Dia 10" To 8"Dia	01 No 02 Nos			Each Each	

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S	Description of work	QTY	QTY Rate		Per	Amount in
_			Rupees in Figure	Rupees in Words	Unit / Item	Rupees
6	C.I. Dead Ends.					
	8"Dia 6"Dia	01 No 02 Nos			Each Each	
7	Full hire charges of the pumping set per day inclusive of wages of driver					
٠	and Assistant fuel of electric energy plat form required for placing etc at cover depth with suction and delivery					
	pipes for pumping out water ford at various depths from trenches i/c the					
•	cost of erection and dismantling after completion if the job. Hire charges of pumping set of upto 10 H.P. pumping					
	out water for 10 feet deep trench.					
	The state of the s	30 Days			P/day	
8	Construction of C.C. Block masonry chamber of size 4'-0 x 4'-0 x 4'-0 (inside dimension) with 24" x 24" cover frame weight 65 kg R:C:C: 1:2:4 slabs 5" ir.ch with steel ½" dia tor bars @ 6" C/C with bent ¼"dia 8" c/c distribution t ars 6"thick c.c. I:3:6 block masonry walls set 1:6, 6"thick c.c. 1:4:8 in foundation 2" thick cement plaster 1:3 inside wall surfaces top & bottom slab, outer wall surface 1-0 deep i/c curing, dewatering excavation, refilling and disposal of surplus etc complete.	03 Nos			Each	
9	Refilling the excavated stuff in trenches 6"thick layer i/c watering, remaining to full completion etc complete.	18379.35 Cft			%0 Cft	
					Total	Rs.

BIT CONTROL OF SERVICES

I/We hereby quoted total cost of work amounting to Rs.	, ai worus	
		•
Contractor Signature		
Address		
Address		

Evaluation Criteria of the Tender up to 2.5 million

- 1. Bid must be submitted in sealed cover.
- 2. .T.N/Professional Tax.
- 3. Registration with Sindh Revenue Board (SRB).
- 4. Experience certificate for 3 year of similar nature of job must be attached with the bid.
- 5. Turn-over of at least Three years.
- 6. Required Bid Security is attached.
- 7. Bid is signed, named and stamped by the authorized person of the firm along with authorization letter.
- 8. Similar nature of Bidding Document from up to 2.5 Million of SSPRA with filling Bidding Data & contractor Data must be available with BOQ otherwise the tender cannot be accepted.
- 9. Rate must be quoted in figures and words by contractor.
- 10. If the estimate are based on Sch: 2012 and premium can be allowed within available limit.
- 11. If the estimate are preparing on M.R and 10% profit is included in R.A. & excess quoted cost cannot be considered.
- 12. Conditional bid cannot be considered.
- 13. Debarred contractors bid cannot be accepted.
- 14. Bids will be recommended on the Basis of lowest Price.

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Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

This sect on 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 of 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 Precuring 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 will be a subject to the subject to the second of the subject to the subje

MCHAMMAD DEN Executive Engineer (W.D. 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 Ager cy 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 amount in words will govern.

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BIDDING DATA

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

- (a). Name of Procuring Agency KARACHI WATER & SEWERAGE BOARD
- (b). Brief Description of Works <u>PROVIDING & LAYING 200MM AND 150MM DIA U-PVC WATER SUPPLY NETWORK AT BAKRA PIRRI AND ADJOINING AREAS UC-03, BIN QASIM TOWN.</u>
- (c). Procuring Agency's Address:- Office of the Executive Engineer (Water) Bin Qasim Town, Razzaqabad Health Centre near T.M.A. Bin Qasim Town Office, Karachi.
- (d). Estimated Cost:- Rs.9,85,301/-
- (e). Amount of Bid Security:- 2% (Fill in lump sum amount or in % age of bid amount / estimated cost, but not exceeding 5%).
- (f). Period of Bid Validity (Days):- 90 Days (Not more than Sixty days)
- (g). Security Deposit:- (including bid security):- 8% (in % age of bid amount / estimated cost equal to 10%)
- (h). Percentage, if any, to be deducted from bills:- 10%
- (i). Deadline for Submission of Bids alongwith time: 30-03-2015 de 200 Pm
- (j). Vanue, Time, and Date of Bid Opening:- C.E. (IPD), 9th Mile, Karsaz. 30-03-2015
- (k). Time for Completion from written order of commence:- 30 Dyas
- (l). Liquidity damages:- 1000 Per Day (0.05 of Estimated Cost or Bid Cost per day of delay, but total not exceeding 10%).
- (m). Deposit Receipt No: Date: Amount: (in words and figures)

(Executive Engineer/Authority issuing bidding document)

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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

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 wok, 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.

- Procuring Agency/Executive Engineer may terminate the contract if either of the (A)
 - contractor causes a breach of any clause of the Contract; (i)
 - the progress of any particular portion of the work is unsatisfactory and (ii)
 - ir, the case of abandonment of the work owing to the serious illness or death (iii) of the contractor or any other cause.
 - contractor can also request for termination of contract if a payment certified (iv)by the Engineer is not paid to the contractor within 60 days of the date of
- The Executive Engineer/Procuring Agency has power to adopt any of the (B) following courses as may deem fit;
 - to forfeit the security deposit available except conditions mentioned at A (i)
 - to finalize the work by measuring the work done by the contractor. (ii)

- (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 he

execution of the work or the performance of the contract,

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 the conders, 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, and instructions in writing relating to the work signed by the Engineer-in-charge 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

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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 for 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, 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.

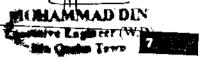
All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of 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 their 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

- In case the nature of the work in the variation does not correspond with items in (C)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
- (E) In case of quantities of work executed result the Initial Contract Price to be acceeded 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
- (F) Repeat Order: Any cumulative variation, beyond the 15% of initial contract amourt, shall be subject of another contract to be tendered out if the works are

Clause-10: Quality Control.

- Identifying Defects: If at any time before the security deposit is refunded to the (A) contractor/during defect liability period mentioned in bid data, the Engineer-incharge 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.
- Correction of Defects: The contractor shall be bound forthwith to rectify or (B) 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:

In the case of any such failure, the Engineer-in-charge shall give the (i) ecntractor 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.

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(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
- (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 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 unnecessary and advises the contractor accordingly, attend for the purpose of 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 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 lying with the Engineer.

MISHAMMAD DIN Common Cognett (W.D.); 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 surrouncing 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 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 – 15: 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 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 arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or 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 incharge) 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 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 respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

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Clause -18: Financial Assistance /Advance Payment.

- (A) Mobilization advance is not allowed.
- (B) Secured Advance against materials brought at site.
 - (ii) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within 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 Secure 1.1.
 - (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.

SHAH BAIG UJJAN
Divisional Accounts Officer
Bin Cashharown
KW &ISB

Contractor

Executive Engineer/Procuring With the

Mr Chaile Tren

BILL OF QUANTITIES

(A) Description and rate of Items based on Composite Schedule of Rates.

Item No	Quan titles	Description of item to be executed at site	Rate	Unit	
1	2	3		Citt	Amount in Rupees
		,	4	Ś	6
•				<u>-</u>	
			 		

- Amount TOT	AL (2)	
 _	— % above/below on the rates of CSR.	Amount to be added/deducted on the basis Of premium quoted. TOTAL (b)
	Cotal (A) = $a+b$ in words & figures:	· A
		M. My
Contractor	· 	MOHAMMAD DIN Executive Engineer (WD)
	E	xecutive Engineer/Procure

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

Item No	Quantit es	Description of item to be executed at	Rate	Ţ 	
		site		Unit	Amount it
-	-				
<u></u> -	<u>-</u>	·			

Total (B) in words & figures:

Contractor

Executive Engineer/Praguate Agelerge (W.D)

Summary of Bill of Quantities.

Cost of Bid

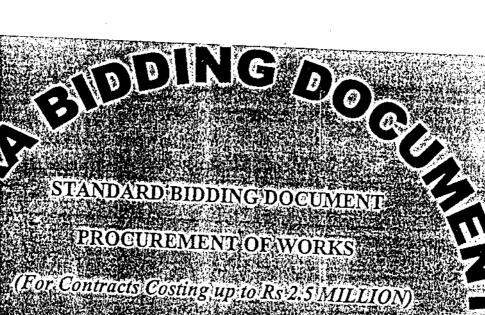
Amount

- i. (A) Cost based on Composite Schedule of Rates.
- 2. (B) Cost based on Non/Offered Schedule of Rates.

TOTAL COST OF BID (C) = Total (A) + Total (B)

Contractor

Executive Executive Free Hoteling Agency



Standard Bidding Document is intended as a model for admeasurements entage Rate/unit price for unit rates in a Bill of Quantities) types of contract.

OFFICE OF THE EXECUTIVE ENGINEER (WATER) BIN QASIM TOWN DISTRICT MALIR KW&SB

Estimated Cost	On Item Rate	Issued to M/S	<u>.</u>	
Tender Cost	Rs.1000/-			
Time limit	(30) Days	Pay Order No	Dated:	_
Penalty	1000/_Per They			

ISSUING AUTHORITY

Name of work:- ERADICATION OF THE CONTAMINATION BY REPLACING THE RUSTY AND DETERIORATED C.I. WATER LINES INTO 150MM & 100MM U-PVC WATER LINES AT KHULDABAD UC-04,

QUAIDABAD, BIN QASIM TOWN.

S	Description of work	Description of work QTY Rate		1		Amount in
#			Rupees in Figure	Rupees in Words	Unit / Item	Rupees
1	Execution for pipe line in trenches and pits in all kinds of soils of murum i/c trimming and at dressing sides to true alignment and shape leveling of beds in trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer In charge providing fence guard lights flags and temporary crossings for non vehicular traffic where ever required	·			Item	
	lift upto 5 ft (1.52m) and lead upto one chain.	25000.00 Cft			%0 Cft	
2	Providing, laying UPVC Pressure pipes of Class "C" (Equivalent Make) fixing in trench I/C Cutting, fitting and jointing with "Z" joint with one end rubber ring i/c testing with water to a head 91.5 meter or 300 ft.					
	6" 150mm dia 4" 100mm dia	800 Rft 1500 Rft			P/Rft P/Rft	
3	Sluice valve having pattern (test pressure 21.01 kg/sq. com or 300 lbs sq. in) (Imported).					
	150mm dia 100mm dia	02 Nos 04 Nos			Each Each	
4	Fixing of Sluice valves with 2 cost iron tail pieces one end flanged and other with socket i/c the cost of nuts bolts and rubber packing labour etc complete.					
	150mm dia 100mm dia	02 Nos 04 Nos			Each Each	·
5	Cast iron specials for UPVC pressure pipes cast iron specials for PVC/AC pressure pipes. (Standard weight for ACIL "B" Class). Tee (un-equal).					
	10" To 6"Dia 6" To 4"Dia	02 Nos 04 Nos			Each Each	MINIAMADE

S	Description of work	of work QTY		Rate	Per	Amount in	
#			Rupees in Figure	Rupees in Words	Unit / Item	Rupees	
6	C.I. Dead Ends.	_			_ ,		
	6"Dia	02 Nos			Each Each		
	4"Dia	04 Nos		· - ··	Eacn		
7	Full hire charges of the pumping set	;			1 1		
	per day inclusive of wages of driver						
	and Assistant fuel of electric energy		}				
	plat form required for placing etc at						
	cover dept.1 with suction and delivery						
	pipes for pumping out water ford at various depths from trenches i/c the						
	cost of erection and dismantling after		1	İ			
	completion if the job. Hire charges of						
	pumping set of upto 10 H.P. pumping						
	out water for 10 feet deep trench.	30 Days			P/day		
	Out water for to rect deep deficit.	302-,-					
8	Construction of C.C. Block masonry						
Ü	chamber of size 4'-0 x 4'-0 x 4'-0						
	(inside dimension) with 24" x 24"				'		
	cover frame weight 65 kg R:C:C:		•				
	1:2:4 slabs 5" inch with steel 1/2" dia						
	tor bars @ 6" C/C with bent 1/4"dia 8"						
	c/c distribution bars 6"thick c.c. 1:3:6		•				
	block masonry walls set 1:6, 6"thick	•					
	c.c. 1:4:8 in foundation 2" thick			ł			
	cement plaster 1:3 inside wall	,					
	surfaces top & bottom slab, outer wall			ļ			
	surface 1-0 deep i/c curing,						
	dewatering excavation, refilling and	2537			Each		
	disposal of surplus etc complete.	05 Nos	 		Laci		
9	Refilling the excavated stuff in						
	trenches 5"thick layer i/c watering,		ļ		1		
	remaining to full completion etc	04910 12 00	1		%0 Cft		
	complete.	24712.17 Cft					
					Total	Rs.	
		•		i '	11/ ****	l	

Esecutive Engineer (W/D) Bin Qasim Town KW&SB

I/We hereby quoted total cost of work amounting to Rs	, in words	
		 _
Contractor Signature		
Addres3	-	

Evaluation Criteria of the Tender up to 2.5 million

- 1. Bid must be submitted in sealed cover.
- 2. .T.N/Professional Tax.
- 3. Registration with Sindh Revenue Board (SRB).
- 4. Experience certificate for 3 year of similar nature of job must be attached with the bid.
- 5. Turn-over of at least Three years.
- 6. Required Bid Security is attached.
- 7. Bid is signed, named and stamped by the authorized person of the firm along with authorization letter.
- 8. Similar nature of Bidding Document from up to 2.5 Million of SSPRA with filling Bidding Data & contractor Data must be available with BOQ otherwise the tender cannot be accepted.
- 9. Rate must be quoted in figures and words by contractor.
- 10. If he estimate are based on Sch: 2012 and premium can be allowed within available limit.
- 11. If the estimate are preparing on M.R and 10% profit is included in R.A. & excess quoted cost cannot be considered.
- 12. Conditional bid cannot be considered.
- 13. Debarred contractors bid cannot be accepted.

14. Bids will be recommended on the Basis of lowest Price.

MCHAMMAD DIS Espective Engineer (WD)

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. Concitional 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 proceeds 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. Bics 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 a mount in words will govern.

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BIDDING DATA

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

- (a). Name of Procuring Agency KARACHI WATER & SEWERAGE BOARD
- (b). Brief Description of Works <u>ERADICATION OF THE CONTAMINATION BY REPLACING THE RUSTY AND DETERIORATED C.I WATER LINES INTO 150MM AND 100MM DIA U-PVC WATER LINES AT KHULDABAD UC-04, QUAIDABAD BIN QASIM TOWN.</u>
- (c). Procuring Agency's Address:- Office of the Executive Engineer (Water) Bin Qas.m Town, Razzaqabad Health Centre near T.M.A. Bin Qasim Town Office, Karachi.
- (d). Estimated Cost:-

Rs.9,98,688/-

- (e). Amount of Bid Security:- 2% (Fill in lump sum amount or in % age of bid amount / estimated cost, but not exceeding 5%).
- (f). Period of Bid Validity (Days):-

90 Days (Not more than Sixty days)

- (g). Security Deposit:- (including bid security):- 8% (in % age of bid amount / estimated cost equal to 10%)
- (h). Percentage, if any, to be deducted from bills:- 10%
- (i). Deadline for Submission of Bids alongwith time: 30-03-2015 of 2.00 Pm
- (j). Vanue, Time, and Date of Bid Opening: C.E. (IPD), 9th Mile, Karsaz. 30-03-2-15
- (k). Time for Completion from written order of commence: 30 Dyas
- (i). Liquidity damages:- 1000 Per Day (0.05 of Estimated Cost or Bid Cost per day of delay, but total not exceeding 10%).
- (m). Deposit Receipt No: Date: Amount: (in words and figures)

(Executive Engineer/Authority issuing bidding document)

MONTANT MAD DIA ELecutive Engineer (W.D.

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 wok, 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 coes 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 exits:-
 - (i) contractor causes a breach of any clause of the Contract;
 - 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.
 - (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
 - (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 (iii) and (iv) above;
 - (ii) to finalize the work by measuring the work done by the contractor.

- In the event of any of the above courses being adopted by the Executive (C) Engineer/Procuring Agency, the contractor shall have:
 - no claim to compensation for any loss sustained by him by reason of his (i) 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,
 - however, the contractor can claim for the work done at site duly certified by (ii)the executive engineer in writing regarding the performance of such work and has not been paid.

Precuring 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. MOHAMMAD DIS

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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 for 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 1/0f 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 contact work.
- (E) In case of quantities of work executed result the Initial Contract Price to be xceeded 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 that 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 and 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 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.

Claust-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 surrounding property measures to prevent such fire spreading to or otherwise damaging 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

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 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 arising out of, or relating to the contract design, drawings, specifications, estimates, 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 incharge) 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

Clause -18: Financial Assistance /Advance Payment.

- Mobilization advance is not allowed. (A)
- Secured Advance against materials brought at site. **(B)**
 - 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;
 - Recovery of Secured Advance paid to the contractor under the above (ii) provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even

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.

> SHAH BAJG UJJAN Oivisional Accounts Officer Divisional BIAOQUEINT Town

KW & S

Contractor

Executive Engineer From 18 24 5

BILL OF QUANTITIES

(A) Description and rate of Items based on Composite Schedule of Rates.

Item No	Quantities	Description of item to be executed at sltc	Rate	Unit	Amount in
!	2	3	4	 _	Rupees
	·	_	4	5	6
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	— % above/below on the rates of CSR.	Amount to be added/deducted on the basis Of premium quoted. TOTAL (b)
	Total (A) = 2-0 in words & figures:	MINTAMMAD DIN
Contractor		Executive Engineer/Procuring Allery

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

Item No	Quantities	Description of item to be executed at site	Rate	Unit	
					Amount in Rupees
					
			 -		
					 -
		:			

Total (B) in words & Frances:

Contractor

Executive Engineer/Procuring Agent (W.D.)

Summary of Bill of Quantities.

Cost cf Bid

Amount

- 1. (A) Cost based on Composite Schedule of Rates.
- 2. (B) Cost based on Non/Offered Schedule of Rates.

TOTAL COST OF BID (C) = Total(A) + Total(B)

Contractor

Executive Enginee Process Ingines (Ally)