



**OFFICE OF THE  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT.**

No: TC/- 804 of 2018.  
Kashmore @ Kandhkot dt: 23/1 /2018.

**"SAY NO TO CORRUPTION"**

To,

The Director (A&F),  
Sindh Public Procurement Regulatory Authority,  
Government of Sindh,  
Barrack No. 8,  
Sindh Secretariat No. 4-A Court Road,  
Karachi.

**SUBJECT:- HOISTING OF N.I.T ON SPPRA WEBSITE.**

Kindly find enclosed herewith this office NIT No. TC/ ,  
dated: \_\_\_\_\_ alongwith complete bidding documents i/c Annual Procurement  
Plan of the works contained in the NIT, Demand Draft of Rs: 2000/-,  
Redressal Committee Notification and Notification of Procurement Committee  
(in Hard Copy Each) with these Soft Copy / C.D for information and hoisting the  
above N.I.T on SPPRA Website.

SPPRA INWARD DIARY  
NO : 4928  
DATED : 24-01-2018

D/A As Above

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT



Telephone / Fax No: 0722-572719

**OFFICE OF THE  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT**

No: TC/G-148/ 803 of 2018.  
Kashmore dt: 23 / 1 / 2018.

**"SAY NO TO CORRUPTION"**

**NOTICE INVITING TENDER**

1. The Sealed non-conditional one envelope tenders are invited from eligible contractors for the following works as per SPPRA Rules.

Sr. No.	Name of Work	Estimated Cost (In Million)	5% Earnest Money (In Million) in Shape of Call Deposit from Schedule Bank	Tender Fee (In Rupees) (Non refundable)	Time Period (In Months)
<b><u>DISTRICT A.D.P 2017 – 2018</u></b>					
01	Construction of CC Drains and CC block in Dasti Muhalla near house of Mohd Qasim Dasti Taluka Kashmore.	0.500 (M)	0.025	500/-	12 (Months)
02	Construction of drainage scheme from Jaram house to Ali Palace Jaferabad Muhalla Taluka Kandhkot.	0.500 (M)	0.025	500/-	- do -
03	Construction of CC Drain CC block in village Khair Bux sabzoi UC Malhir Taluka Kandhkot.	0.500 (M)	0.025	500/-	- do -
04	Construction of CC Drains and CC block in village Muhammad Khan Jamro Taluka Kashmore.	1.00 (M)	0.050	1000/-	- do -
05	Construction of CC Drains and CC block in Mumtaz Muhalla Kandhkot from Mohd Murad chachar house Taluka Kandhkot	0.999 (M)	0.050	1000/-	- do -
06	Construction of CC drains CC Block in Mumtaz Muhalla from house of Nasir Ahmed Mangi Taluka Kandhkot	0.297 (M)	0.015	500/-	- do -
07	Construction of drainage scheme Noor Muhammad Bangwar UC Kumbri Taluka Kashmore.	1.00 (M)	0.050	1000/-	- do -

2. The interested contractors can purchase the bidding documents (Tenders) on payment of tender fee (Non-Refundable) for the work on any working day, during office hours, with effect from the date of publication upto **20-02-2018 @ 12:00 PM.**
3. The tenders will be receive back from contractors duly filled in all respects with supporting relevant documents shown in eligibility criteria mentioned below attached earnest money in shape of call deposit issued from schedule bank on the same day up to 01:00 P.M & will be open within (01) hour in presence of the contractors or their authorized representatives.
4. If the work remains un-responded for the first date, the second date of issue bidding documents will be up to **05-03-2018 @ 12:00 PM** and receive back on the same day up to 01:00 PM and open within (01) hour in-front of above Persons in Para-3.

**5. The Eligibility criteria for intending contractors are as under:-**

- i) The Contractors should submits with following documents.
  - a) The Certificate from Income Tax Department. (NTN Copy)
  - b) The Certificate from Sindh Revenue Board (Sales Tax Registration Copy)
  - c) The Copy of CNIC.
- ii) The Contractors should submits with bidding documents current bank statement showing bank balance minimum 25% of Bid Cost.
6. The Contractors who submits incomplete bidding documents will be treated as Not Substantially Responsive Bid.
7. Procuring agency reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to award of contract as per provision of (SPP Rules 25).

Note: This N.I T along with bidding documents can be seen and downloaded from SPPRA Website at [www.ppra.sindh.gov.pk](http://www.ppra.sindh.gov.pk)

  
**EXECUTIVE ENGINEER**

PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

**C.C for Information to:-**

1. The Director Information (Advertisement), Block No.96 Sindh Secretariat Karachi (in seven copies) for insertion / publication in three leading Newspapers viz: ENGLISH, URDU, SINDHI Languages for wide publicity.
2. The Director (A&F), Sindh Public Procurement Regulatory Authority Barrack No.08 Sindh Secretariat No.4A Court Road Karachi Tel: 92-21-99205369 for hoisting on SPPRA's Website.
3. The Secretary, Information & Technology Department Government of Sindh Karachi, Sindh Secretariat No. 6 Karachi and C.D of this N.I.T is also enclosed herewith for placement on Government Websites.
4. The Chief Engineer, Public Health Engineering Department, Govt: of Sindh, Sukkur.
5. The Section Officer (Tech), Local Government, RDD, PHE & HTP Department, Government of Sindh Karachi
6. The Superintending Engineer, Public Health Engg: Circle Larkano.
7. The Deputy Commissioner, Kashmore @ Kandhkot.
8. The Assistant Engineers (All), under Public Health Engg: Division, Kashmore @ Kandhkot.
9. Notice Board.

  
**EXECUTIVE ENGINEER**


PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

**OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION KASHMORE @ KANDHKOT**

**ANNUAL PROCUREMENT PLAN**

**(WORKS, GOODS AND SERVICES)**

S.NO	Description of Procurement	Quantity (Where Applicable)	Estimate Cost (Where Applicable)	Funds Allocated (1000 Millions)	Source of Funds (ADP- Non ADP)	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
<b><u>PROVINCIAL A.D.P 2017 – 2018</u></b>											
1	Construction of CC Drains and CC block in Dasti Muhalla near house of Mohd Qasim Dasti Taluka Kashmir.	--	0.500 (M)	--	District A.D.P	National Open competative bidder	--	--	--	--	The funds are available
2	Construction of drainage scheme from Jaram house to Ali Palace Jaferabad Muhalla Taluka Kandhkot.	--	0.500 (M)	--	District A.D.P	National Open competative bidder	--	--	--	--	The funds are available
3	Construction of CC Drain CC block in village Khair Bux sabzoi UC Malhir Taluka Kandhkot.	--	0.500 (M)	--	District A.D.P	National Open competative bidder	--	--	--	--	The funds are available
4	Construction of CC Drains and CC block in village Muhammad Khan Jamro Taluka Kashmir.	--	1.00 (M)	--	District A.D.P	National Open competative bidder	--	--	--	--	The funds are available
5	Construction of CC Drains and CC block in Mumtaz Muhalla Kandhkot from Mohd Murad chachar house Taluka Kandhkot	--	0.999 (M)	--	District A.D.P	National Open competative bidder	--	--	--	--	The funds are available
6	Construction of CC drains CC Block in Mumtaz Muhalla from house of Nasir Ahmed Mangi Taluka Kandhkot	--	0.297 (M)	--	District A.D.P	National Open competative bidder	--	--	--	--	The funds are available
7	Construction of drainage scheme Noor Muhammad Bangwar UC Kumbri Taluka Kashmir.	--	1.00 (M)	--	District A.D.P	National Open competative bidder	--	--	--	--	The funds are available

  
**Executive Engineer**  
 Public Health Engg:Division  
 Kashmir @ Kandhkot



**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**GOVERNMENT OF SINDH**

**PUBLIC HEALTH ENGINEERING DIVISION KASHMORE @**  
**KANDHKOT**



**BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL**

**FOR**

**Name of Work:-** **Construction of CC Drain CC block in village**  
**Khair Bux sabzoi UC Malhir Taluka Kandhkot**  
**Under District A.D.P 2017 - 2018**

**Name of Department:-** **Public Health Engineering Department.**

**Name of Procuring Agency:-** **Executive Engineer, Public Health**  
**Engineering Division Kashmore @ Kandhkot.**

**Documents Issued to:-** \_\_\_\_\_

## **Instructions to Bidders/ Procuring Agencies.**

### **General Rules and Directions for the Guidance of Contractors.**

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

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

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

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

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

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

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

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

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

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

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

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

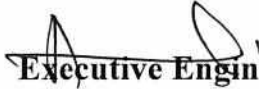
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

- (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
- (B) **In case of item rates**, If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
- (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

## BIDDING DATA

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

- (a). Name of Procuring Agency:- Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (b). Brief Description of Works:- Construction of CC Drain CC block in village Khair Bux sabzoi UC Malhir Taluka Kandhkot District A.D.P 2017-2018.
- (c). Procuring Agency's address:- Elementary College Kashmore @ Kandhkot
- (d). Estimated Cost:- Rs: 0.500 (M)
- (e). Amount of Bid Security:- Rs: 0.025 (M)
- (f). Period of Bid Validity (days):- (90) Days
- (g). Security Deposit: (including bid security):- 10% age of Bid Amount / Estimated Cost
- (h). Percentage, if any, to be deducted from bills :- Income Tax as per FBR Rules.
- (i). Deadline for Submission of Bids along with time :- Time: 01:00 PM on 20-02-2018
- (j). Venue, Time, and Date of Bid Opening:- Time: 02:00 P.M Date: 20-02-2018 @ Office of the Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (k). Time for Completion from written order of commence: - 12 Months
- (L). Liquidity damages:- \_\_\_\_\_ (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  
Public Health Engg: Division  
Kashmore @ Kandhkot

## Conditions of Contract

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

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

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

### **Clause – 3: Termination of the Contract.**

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
  - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
  - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
  - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
  - (ii) to finalize the work by measuring the work done by the contractor.



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

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

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

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

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

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

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



#### **Clause – 7: Payments.**

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

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

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

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

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

#### **Clause – 9: Issuance of Variation and Repeat Orders.**

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original 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 may be at the risk and expense in all respects of the contractor.
  - (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

**Clause – 11:**

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

**Clause – 12: Examination of work before covering up.**

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

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

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

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

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

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

**Clause -18: Financial Assistance /Advance Payment.**

(A) **Mobilization advance** is not allowed.

(B) **Secured Advance against materials brought at site.**


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

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

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

**Divisional Accountant**

**Contractor**

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**



Name of Work:-

Construction of CC Drain CC block in village  
Khair Bux sabzoi UC Malhir Taluka  
Kandhkot.

Head of Account:-

DISTRICT A.D.P 2017 - 2018.

**BILL OF QUANTITIES**

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

Sr. No.	Item of Work	Quantity	Rate	Unit	Amount
<b><u>1 SUB-WORK NO: I</u></b>		<b><u>SURFACE DRAINS</u></b>			
1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	1139.67 Cft	@Rs 3176.25	P%o Cft	Rs 3620
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) A) Ratio 1:4:8	228.67 Cft	@Rs 11288.75	P% Cft	Rs 25814
	<b><u>B) Ratio 1:2:4</u></b>	159.72 Cft	@Rs 14429.25	P% Cft	Rs 23046
3	Construction of standard open type drains connuttee block of C.C 1:2:4 cost of situ to the design profiles i/c cost of mould as per drawing i/c supplying floating cost of cement 1/32" thick to expose surface faces finished smooth curing complete as per drawing design. (P.H.S.I No D, P/ 58)				
	<b><u>Type-A</u></b>	254.00 Rft	@Rs 94.00	P-Rft	Rs 23876
	<b><u>Type-B</u></b>	100.00 Cft	@Rs 174.00	P-Rft	Rs 17400
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6) (G.S.I No. 4 P/ 19)	606.00 Cft	@Rs 11948.36	P% Cft	Rs 72407
5	Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/51)	944.36 Sft	@Rs 2283.93	P% Sft	Rs 21569
6	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I-6 P/16)	93.40 Cft	@Rs 337.00	P-Cft	Rs 31476
7	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I- 8 P/16)	3.340 Cwt	@Rs 5001.70	P-Cwt	Rs 16706

**Total Rs 235913**

**2 SUB-WORK NO: II****C.C BLOCK**

1	Barrow pit excavation undressed lead upto 100 ft ordinary soil (G.S.I. No. 3 p/1)	680.00	Cft	@Rs 2117.50	P%o Cft	Rs 1440
2	Extra for every 50 ft additional lead or part there of (GSI No 8 P2) Qty same as Item No 1	680.00	Cft	@Rs 5039.00	P%o Cft	Rs 3427
3	Laying earth in 6" thick layers leveling, dressing and watering for compaction etc complete (GSI No 13b P3) Qty Same as Item No 1	680.00	Cft	@Rs 354.00	P%o Cft	Rs 241
4	Cement concrete brick or stone ballast 1 ½" to 2" gauged ratio (1:4:8) (CSI No: 4, P-14)	448.80	Cft	@Rs 9416.28	P% Cft	Rs 42260
5	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) Ratio 1:2:4	340.00	Cft	@Rs 14429.25	P% Cft	Rs 49059
6	Erection and removal of centering for R.C.C or plain C.C works of deodars wood (2nd class) (b) for partal wood (vertical) (G.S.I.No. 19/a, P/17)	65.17	Sft	@Rs 3127.41	P% Sft	Rs 2038

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**Total Rs 98465**


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<b>GENERAL ABSTRACT</b>		
<b>Sr. No.</b>	<b>Sub-Work</b>	<b>Amount</b>
1	SURFACE DRAINS	Rs 235913
2	C.C BLOCK	Rs 98465
	<b>TOTAL AMOUNT OF "A"</b>	<b>Rs 334378</b>
	_____ % ABOVE / BELOW ON THE CSR (To be filled by Contractor)	<b>Rs</b>
	<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	<b>Rs</b>

**CONTRACTOR**


**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

**CONDITIONS**

- 1 The work will be carried out as per PWD/PHE specification.
- 2 No premium will be allowed on non-schedule items.
- 3 Any error and omission in the description or item of work then rate shall be governed with the relevant schedule of rates and technically sanctioned estimate.
- 4 The contractor shall have to bring the material to the site of work from quarries mentioned in the technically sanctioned estimate.

**CONTRACTOR**


**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

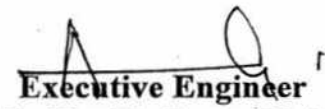


(B) Description and rate of Items based on Market (Offered rates)

Item No	Quantities	Description of item to be executed at Site	Rate	Unit	Amount in Rupees
<u><i>NIL</i></u>					

Total (B) in words & figures:


Contractor

  
Executive Engineer  
Public Health Engg: Division  
Kashmore @ Kandhkot

**SUMMARY OF BILL OF QUANTITIES.**

Cost of Bid	Amount
1. (A) Cost based on Composite Schedule of Rates. <i>(To be filled by Contractor)</i>	Rs:
2. (B) Cost based on Non/Offered Schedule of Rates.	Rs: NIL
<b>TOTAL COST OF BID (C) = Total (A) + Total (B)</b> <i>(To be filled by Contractor)</i>	Rs:
<hr/>	
<b>GRAND / NET TOTAL</b> <i>(To be filled by Contractor)</i>	Rs:
<hr/>	

Contractor

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**

**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**GOVERNMENT OF SINDH**

**PUBLIC HEALTH ENGINEERING DIVISION KASHMORE @**  
**KANDHKOT**



**BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL**

**FOR**

**Name of Work:-** **Construction of drainage scheme Noor Muhammad**  
**Bangwar UC Kumbri Taluka Kashmore Under**  
**District A.D.P 2017 - 2018**

**Name of Department:-** **Public Health Engineering Department.**

**Name of Procuring Agency:-** **Executive Engineer, Public Health**  
**Engineering Division Kashmore @ Kandhkot.**

**Documents Issued to:-** \_\_\_\_\_

## **Instructions to Bidders/ Procuring Agencies.**

### **General Rules and Directions for the Guidance of Contractors.**

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

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

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

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

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

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

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

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

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

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

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

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

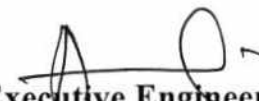
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

- (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
- (B) **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
- (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

## BIDDING DATA

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

- (a). Name of Procuring Agency:- Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (b). Brief Description of Works:- Construction of drainage scheme Noor Muhammad Bangwar UC Kumbri Taluka Kashmore District A.D.P 2017-2018.
- (c). Procuring Agency's address:- Elementary College Kashmore @ Kandhkot
- (d). Estimated Cost:- Rs: 1.000 (M)
- (e). Amount of Bid Security:- Rs: 0.050 (M)
- (f). Period of Bid Validity (days):- (90) Days
- (g). Security Deposit: (including bid security):- 10% age of Bid Amount / Estimated Cost
- (h). Percentage, if any, to be deducted from bills :- Income Tax as per FBR Rules.
- (i). Deadline for Submission of Bids along with time :- Time: 01:00 PM on 20-02-2018
- (j). Venue, Time, and Date of Bid Opening:- Time: 02:00 P.M Date: 20-02-2018 @ Office of the Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (k). Time for Completion from written order of commence: - 12 Months
- (L). Liquidity damages:- \_\_\_\_\_ (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  
Public Health Engg: Division  
Kashmore @ Kandhkot



## Conditions of Contract

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

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

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

### **Clause – 3: Termination of the Contract.**

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
  - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
  - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
  - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
  - (ii) to finalize the work by measuring the work done by the contractor.

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

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

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

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

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

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

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

**Clause – 7: Payments.**

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

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

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

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

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

**Clause – 9: Issuance of Variation and Repeat Orders.**

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original 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 may be at the risk and expense in all respects of the contractor.
- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

**Clause – 11:**

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



**Clause – 12: Examination of work before covering up.**

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

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

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

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

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

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

**Clause -18: Financial Assistance /Advance Payment.**

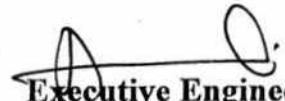
- (A) Mobilization advance is not allowed.
- (B) Secured Advance against materials brought at site.
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance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

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

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

**Divisional Accountant**

**Contractor**

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**



Name of Work:-

**Construction of drainage scheme Noor Muhammad Bngwar UC Kumbri Taluka Kashmore.**

Head of Account:-

**DISTRICT A.D.P 2017 - 2018.**

**BILL OF QUANTITIES**

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

Sr. No.	Item of Work	Quantity	Rate	Unit	Amount
<b><u>1 SUB-WORK NO: I</u></b>		<b><u>SURFACE DRAINS</u></b>			
1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	3297.75 Cft	@Rs 3176.25	P%o Cft	Rs 10474
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) A) Ratio 1:4:8	543.19 Cft	@Rs 11288.75	P% Cft	Rs 61319
	<b><u>B) Ratio 1:2:4</u></b>	159.72 Cft	@Rs 14429.25	P% Cft	Rs 23046
3	Construction of standard open type drains connuttee block of C.C 1:2:4 cost of situ to the design profiles i/c cost of mould as per drawing i/c supplying floating cost of cement 1/32" thick to expose surface faces finished smooth curing complete as per drawing design. (P.H.S.I No D, P/ 58)				
	<b><u>Type-A</u></b>	278.00 Rft	@Rs 94.00	P-Rft	Rs 26132
	<b><u>Type-B</u></b>	500.00 Cft	@Rs 174.00	P-Rft	Rs 87000
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6) (G.S.I No. 4 P/ 19)	1542.00 Cft	@Rs 11948.36	P% Cft	Rs 184244
5	Cement plaster (1:4) up to 20'height ½"thick (G.S.I-11/ P/51)	2400.52 Sft	@Rs 2283.93	P% Sft	Rs 54826
6	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to ¼" gauge. (G.S.I-6 P/16)	216.80 Cft	@Rs 337.00	P-Cft	Rs 73062
7	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I- 8 P/16)	7.740 Cwt	@Rs 5001.70	P-Cwt	Rs 38713
<b>Total</b>					<b>Rs 558817</b>

**2 SUB-WORK NO: II****C.C BLOCK**

1	Barrow pit excavation undressed lead upto 100 ft ordinary soil (G.S.I. No. 3 p/1)	836.00	Cft	@Rs 2117.50	P%o Cft	Rs 1770
2	Extra for every 50 ft additional lead or part there of (GSI No 8 P2) Qty same as Item No 1	836.00	Cft	@Rs 5039.00	P%o Cft	Rs 4213
3	Laying earth in 6" thick layers leveling, dressing and watering for compaction etc complete (GSI No 13b P3) Qty Same as Item No 1	836.00	Cft	@Rs 354.00	P%o Cft	Rs 296
4	Cement concrete brick or stone ballast 1 ½" to 2" gauged ratio (1:4:8) (CSI No: 4, P-14)	551.76	Cft	@Rs 9416.28	P% Cft	Rs 51955
5	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) Ratio 1:2:4	418.00	Cft	@Rs 14429.25	P% Cft	Rs 60314
6	Erection and removal of centering for R.C.C or plain C.C works of deodars wood (2nd class) (b) for partal wood (vertical) (G.S.I.No. 19/a, P/17)	80.12	Sft	@Rs 3127.41	P% Sft	Rs 2506

**Total Rs 121054**

<b>GENERAL ABSTRACT</b>		
<b>Sr. No.</b>	<b>Sub-Work</b>	<b>Amount</b>
1	SURFACE DRAINS	Rs 558817
2	C.C BLOCK	Rs 121054
	<b>TOTAL AMOUNT OF "A"</b>	<b>Rs 679871</b>
	_____ % ABOVE / BELOW ON THE CSR (To be filled by Contractor)	Rs
	<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	Rs

CONTRACTOR

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

**CONDITIONS**

- 1 The work will be carried out as per PWD/PHE specification.
- 2 No premium will be allowed on non-schedule items.
- 3 Any error and omission in the description or item of work then rate shall be governed with the relevant schedule of rates and technically sanctioned estimate.
- 4 The contractor shall have to bring the material to the site of work from quarries mentioned in the technically sanctioned estimate.

CONTRACTOR

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

(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
<u><i>NIL</i></u>					

Total (B) in words & figures:


Contractor

  
Executive Engineer  
Public Health Engg: Division  
Kashmore @ Kandhkot

**SUMMARY OF BILL OF QUANTITIES.**

Cost of Bid	Amount
1. (A) Cost based on Composite Schedule of Rates. <i>(To be filled by Contractor)</i>	Rs:
2. (B) Cost based on Non/Offered Schedule of Rates.	Rs: NIL
<b>TOTAL COST OF BID (C) = Total (A) + Total (B)</b> <i>(To be filled by Contractor)</i>	Rs:
<hr/>	
<b>GRAND / NET TOTAL</b> <i>(To be filled by Contractor)</i>	Rs:
<hr/>	

Contractor

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**

**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**GOVERNMENT OF SINDH**

**PUBLIC HEALTH ENGINEERING DIVISION KASHMORE @**  
**KANDHKOT**



**BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL**

**FOR**

**Name of Work:-** **Construction of CC Drains and CC block in Dasti**  
**Muhalla near house of Mohd Qasim Dasti Taluka**  
**Kashmore Under District A.D.P 2017 - 2018**

**Name of Department:-** **Public Health Engineering Department.**

**Name of Procuring Agency:-** **Executive Engineer, Public Health**  
**Engineering Division Kashmore @ Kandhkot.**

**Documents Issued to:-** \_\_\_\_\_

## **Instructions to Bidders/ Procuring Agencies.**

### **General Rules and Directions for the Guidance of Contractors.**

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

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

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

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

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

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

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

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

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

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



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

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

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

- (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
- (B) **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
- (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

## BIDDING DATA

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

- (a). Name of Procuring Agency:- Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (b). Brief Description of Works:- Construction of CC Drains and CC block in Dasti Muhalla near house of Mohd Qasim Dasti Taluka Kashmore District A.D.P 2017-2018.
- (c). Procuring Agency's address:- Elementary College Kashmore @ Kandhkot
- (d). Estimated Cost:- Rs: 0.500 (M)
- (e). Amount of Bid Security:- Rs: 0.025 (M)
- (f). Period of Bid Validity (days):- (90) Days
- (g). Security Deposit: (including bid security):- 10% age of Bid Amount / Estimated Cost
- (h). Percentage, if any, to be deducted from bills :- Income Tax as per FBR Rules.
- (i). Deadline for Submission of Bids along with time :- Time: 01:00 PM on 20-02-2018
- (j). Venue, Time, and Date of Bid Opening:- Time: 02:00 P.M Date: 20-02-2018 @ Office of the Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (k). Time for Completion from written order of commence: - 12 Months
- (L). Liquidity damages:- \_\_\_\_\_ (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  
Public Health Engg: Division  
Kashmore @ Kandhkot

## 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 prorated basis.

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

### **Clause – 3: Termination of the Contract.**

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
  - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
  - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
  - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
  - (ii) to finalize the work by measuring the work done by the contractor.

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

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

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

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

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

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

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

**Clause – 7: Payments.**

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

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

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

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

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

**Clause – 9: Issuance of Variation and Repeat Orders.**

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original 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 may be at the risk and expense in all respects of the contractor.
  - (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

**Clause – 11:**

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

**Clause – 12: Examination of work before covering up.**

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

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

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

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

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

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

**Clause -18: Financial Assistance /Advance Payment.**

(A) **Mobilization advance** is not allowed.

(B) **Secured Advance against materials brought at site.**


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

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

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

**Divisional Accountant**

**Contractor**

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**

Name of Work:-

Construction of CC Drains and CC block in Dasti Muhalla near house of Mohd Qasim Dasti Taluka Kashmore.

Head of Account:-

DISTRICT A.D.P 2017 - 2018.

**BILL OF QUANTITIES**

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

Sr. No.	Item of Work	Quantity	Rate	Unit	Amount
<b><u>1 SUB-WORK NO: I</u></b>		<b><u>SURFACE DRAINS</u></b>			
1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	1648.87 Cft	@Rs 3176.25	P%o Cft	Rs 5237
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) A) Ratio 1:4:8	271.60 Cft	@Rs 11288.75	P% Cft	Rs 30660
	<b><u>B) Ratio 1:2:4</u></b>	159.72 Cft	@Rs 14429.25	P% Cft	Rs 23046
3	Construction of standard open type drains connuttee block of C.C 1:2:4 cost of situ to the design profiles i/c cost of mould as per drawing i/c supplying floating cost of cement 1/32" thick to expose surface faces finished smooth curing complete as per drawing design. (P.H.S.I No D, P/ 58)				
	<b><u>Type-A</u></b>	139.00 Rft	@Rs 94.00	P-Rft	Rs 13066
	<b><u>Type-B</u></b>	250.00 Cft	@Rs 174.00	P-Rft	Rs 43500
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6) (G.S.I No. 4 P/ 19)	771.00 Cft	@Rs 11948.36	P% Cft	Rs 92122
5	Cement plaster (1:4) up to 20'height ½"thick (G.S.I-11/ P/51)	1200.26 Sft	@Rs 2283.93	P% Sft	Rs 27413
6	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to ¼" gauge. (G.S.I-6 P/16)	83.72 Cft	@Rs 337.00	P-Cft	Rs 28214
7	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I- 8 P/16)	2.990 Cwt	@Rs 5001.70	P-Cwt	Rs 14955

**Total Rs 278214**

<u>2 SUB-WORK NO: II</u>	<u>C.C BLOCK</u>			
1 Barrow pit excavation undressed lead upto 100 ft ordinary soil (G.S.I. No. 3 p/1)	416.00 Cft	@Rs 2117.50	P%o Cft	Rs 881
2 Extra for every 50 ft additional lead or part there of (GSI No 8 P2) Qty same as Item No 1	416.00 Cft	@Rs 5039.00	P%o Cft	Rs 2096
3 Laying earth in 6" thick layers leveling, dressing and watering for compaction etc complete (GSI No 13b P3) Qty Same as Item No 1	416.00 Cft	@Rs 354.00	P%o Cft	Rs 147
4 Cement concrete brick or stone ballast 1 1/2" to 2" gauged ratio (1:4:8) (CSI No: 4, P-14)	274.56 Cft	@Rs 9416.28	P% Cft	Rs 25853
5 Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) Ratio 1:2:4	208.00 Cft	@Rs 14429.25	P% Cft	Rs 30013
6 Erection and removal of centering for R.C.C or plain C.C works of deodars wood (2nd class) (b) for partal wood (vertical) (G.S.I.No. 19/a, P/17)	39.87 Sft	@Rs 3127.41	P% Sft	Rs 1247

**Total Rs 60237**

<u>GENERAL ABSTRACT</u>		
Sr. No.	Sub-Work	Amount
1	SURFACE DRAINS	Rs 278214
2	C.C BLOCK	Rs 60237
	<b>TOTAL AMOUNT OF "A"</b>	<b>Rs 338451</b>
	_____ % ABOVE / BELOW ON THE CSR (To be filled by Contractor)	<b>Rs</b>
	<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	<b>Rs</b>

CONTRACTOR

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

**CONDITIONS**

- 1 The work will be carried out as per PWD/PHE specification.
- 2 No premium will be allowed on non-schedule items.
- 3 Any error and omission in the description or item of work then rate shall be governed with the relevant schedule of rates and technically sanctioned estimate.
- 4 The contractor shall have to bring the material to the site of work from quarries mentioned in the technically sanctioned estimate.

CONTRACTOR

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT




(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
<u><i>NIL</i></u>					

Total (B) in words & figures:


Contractor

  
Executive Engineer  
Public Health Engg: Division  
Kashmore @ Kandhkot

**SUMMARY OF BILL OF QUANTITIES.**

Cost of Bid	Amount
1. (A) Cost based on Composite Schedule of Rates. <i>(To be filled by Contractor)</i>	Rs:
2. (B) Cost based on Non/Offered Schedule of Rates.	Rs: NIL
<b>TOTAL COST OF BID (C) = Total (A) + Total (B)</b> <i>(To be filled by Contractor)</i>	Rs:
<hr/>	
<b>GRAND / NET TOTAL</b> <i>(To be filled by Contractor)</i>	Rs:
<hr/>	

Contractor

  
Executive Engineer  
Public Health Engg: Division  
Kashmore @ Kandhkot

**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**GOVERNMENT OF SINDH**

**PUBLIC HEALTH ENGINEERING DIVISION KASHMORE @**  
**KANDHKOT**



**BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL**

**FOR**

**Name of Work:-** **Construction of CC Drain CC block in village**  
**Khair Bux sabzoi UC Malhir Taluka Kandhkot**  
**Under District A.D.P 2017 - 2018**

**Name of Department:-** **Public Health Engineering Department.**

**Name of Procuring Agency:-** **Executive Engineer, Public Health**  
**Engineering Division Kashmore @ Kandhkot.**

**Documents Issued to:-** \_\_\_\_\_

## **Instructions to Bidders/ Procuring Agencies.**

### **General Rules and Directions for the Guidance of Contractors.**

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

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

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

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

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

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

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

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

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

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

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

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

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


- (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
- (B) **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
- (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.



## BIDDING DATA

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

- (a). Name of Procuring Agency:- Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (b). Brief Description of Works:- Construction of CC Drain CC block in village Khair Bux sabzoi UC Malhir Taluka Kandhkot District A.D.P 2017-2018.
- (c). Procuring Agency's address:- Elementary College Kashmore @ Kandhkot
- (d). Estimated Cost:- Rs: 0.500 (M)
- (e). Amount of Bid Security:- Rs: 0.025 (M)
- (f). Period of Bid Validity (days):- (90) Days
- (g). Security Deposit: (including bid security):- 10% age of Bid Amount / Estimated Cost
- (h). Percentage, if any, to be deducted from bills :- Income Tax as per FBR Rules.
- (i). Deadline for Submission of Bids along with time :- Time: 01:00 PM on 20-02-2018
- (j). Venue, Time, and Date of Bid Opening:- Time: 02:00 P.M Date: 20-02-2018 @ Office of the Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (k). Time for Completion from written order of commence: - 12 Months
- (L). Liquidity damages:- \_\_\_\_\_ (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  
Public Health Engg: Division  
Kashmore @ Kandhkot

## Conditions of Contract

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

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

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

### **Clause – 3: Termination of the Contract.**

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
  - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
  - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
  - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
  - (ii) to finalize the work by measuring the work done by the contractor.

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

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

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

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

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

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

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

**Clause – 7: Payments.**

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

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

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

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

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

**Clause – 9: Issuance of Variation and Repeat Orders.**

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original 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 may be at the risk and expense in all respects of the contractor.
  - (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

**Clause – 11:**

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



**Clause – 12: Examination of work before covering up.**

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

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

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

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

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

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

**Clause -18: Financial Assistance /Advance Payment.**

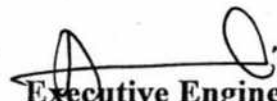
- (A) **Mobilization advance** is not allowed.
- (B) **Secured Advance against materials brought at site.**
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured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

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

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

**Divisional Accountant**

**Contractor**

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**

Name of Work:-

Construction of CC Drain CC block in village  
Khair Bux sabzoi UC Malhir Taluka  
Kandhkot.

Head of Account:-

DISTRICT A.D.P 2017 - 2018.

**BILL OF QUANTITIES**

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

Sr. No.	Item of Work	Quantity	Rate	Unit	Amount
<b><u>1 SUB-WORK NO: I</u></b>		<b><u>SURFACE DRAINS</u></b>			
1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	1139.67 Cft	@Rs 3176.25	P%o Cft	Rs 3620
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) A) Ratio 1:4:8	228.67 Cft	@Rs 11288.75	P% Cft	Rs 25814
	<b><u>B) Ratio 1:2:4</u></b>	159.72 Cft	@Rs 14429.25	P% Cft	Rs 23046
3	Construction of standard open type drains connuttee block of C.C 1:2:4 cost of situ to the design profiles i/c cost of mould as per drawing i/c supplying floating cost of cement 1/32" thick to expose surface faces finished smooth curing complete as per drawing design. (P.H.S.I No D, P/ 58)				
	<b><u>Type-A</u></b>	254.00 Rft	@Rs 94.00	P-Rft	Rs 23876
	<b><u>Type-B</u></b>	100.00 Cft	@Rs 174.00	P-Rft	Rs 17400
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6) (G.S.I No. 4 P/ 19)	606.00 Cft	@Rs 11948.36	P% Cft	Rs 72407
5	Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/51)	944.36 Sft	@Rs 2283.93	P% Sft	Rs 21569
6	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (I) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I-6 P/16)	93.40 Cft	@Rs 337.00	P-Cft	Rs 31476
7	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I- 8 P/16)	3.340 Cwt	@Rs 5001.70	P-Cwt	Rs 16706

**Total Rs 235913**

<u>2 SUB-WORK NO: II</u>	<u>C.C BLOCK</u>			
1 Barrow pit excavation undressed lead upto 100 ft ordinary soil (G.S.I. No. 3 p/1)	680.00 Cft	@Rs 2117.50	P%o Cft	Rs 1440
2 Extra for every 50 ft additional lead or part there of (GSI No 8 P2) Qty same as Item No 1	680.00 Cft	@Rs 5039.00	P%o Cft	Rs 3427
3 Laying earth in 6" thick layers leveling, dressing and watering for compaction etc complete (GSI No 13b P3) Qty Same as Item No 1	680.00 Cft	@Rs 354.00	P%o Cft	Rs 241
4 Cement concrete brick or stone ballast 1 ½" to 2" gauged ratio (1:4:8) (CSI No: 4, P-14)	448.80 Cft	@Rs 9416.28	P% Cft	Rs 42260
5 Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) Ratio 1:2:4	340.00 Cft	@Rs 14429.25	P% Cft	Rs 49059
6 Erection and removal of centering for R.C.C or plain C.C works of deodars wood (2nd class) (b) for partal wood (vertical) (G.S.I.No. 19/a, P/17)	65.17 Sft	@Rs 3127.41	P% Sft	Rs 2038

**Total Rs 98465**

<u>GENERAL ABSTRACT</u>		
Sr. No.	Sub-Work	Amount
1	SURFACE DRAINS	Rs 235913
2	C.C BLOCK	Rs 98465
	<b>TOTAL AMOUNT OF "A"</b>	<b>Rs 334378</b>
	_____ % ABOVE / BELOW ON THE CSR (To be filled by Contractor)	<b>Rs</b>
	<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	<b>Rs</b>

CONTRACTOR

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

**CONDITIONS**

- 1 The work will be carried out as per PWD/PHE specification.
- 2 No premium will be allowed on non-schedule items.
- 3 Any error and omission in the description or item of work then rate shall be governed with the relevant schedule of rates and technically sanctioned estimate.
- 4 The contractor shall have to bring the material to the site of work from quarries mentioned in the technically sanctioned estimate.

CONTRACTOR

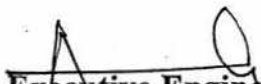
  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

**(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
<u><i>NIL</i></u>					

Total (B) in words & figures:

Contractor

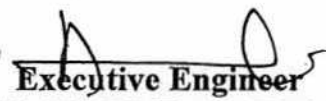
  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**



**SUMMARY OF BILL OF QUANTITIES.**

Cost of Bid	Amount
1. (A) Cost based on Composite Schedule of Rates. (To be filled by Contractor)	Rs:
2. (B) Cost based on Non/Offered Schedule of Rates.	Rs: NIL
<b>TOTAL COST OF BID (C) = Total (A) + Total (B)</b> (To be filled by Contractor)	Rs:
<hr/>	
<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	Rs:
<hr/>	

Contractor

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**

**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**GOVERNMENT OF SINDH**

**PUBLIC HEALTH ENGINEERING DIVISION KASHMORE @**  
**KANDHKOT**



**BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL**

**FOR**

**Name of Work:-** **Construction of CC drains CC Block in Mumtaz  
Muhalla from house of Nasir Ahmed Mangi Taluka  
Kandhkot Under District A.D.P 2017 - 2018**

**Name of Department:-** **Public Health Engineering Department.**

**Name of Procuring Agency:-** **Executive Engineer, Public Health  
Engineering Division Kashmore @ Kandhkot.**

**Documents Issued to:-** \_\_\_\_\_

## **Instructions to Bidders/ Procuring Agencies.**

### **General Rules and Directions for the Guidance of Contractors.**

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

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

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

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

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

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

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

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

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

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

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

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

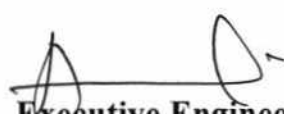
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

- (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
- (B) **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
- (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

## BIDDING DATA

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

- (a). Name of Procuring Agency:- Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (b). Brief Description of Works:- Construction of CC drains CC Block in Mumtaz Muhalla from house of Nasir Ahmed Mangi Taluka Kandhkot District A.D.P 2017-2018.
- (c). Procuring Agency's address:- Elementary College Kashmore @ Kandhkot
- (d). Estimated Cost:- Rs: 0.297 (M)
- (e). Amount of Bid Security:- Rs: 0.150 (M)
- (f). Period of Bid Validity (days):- (90) Days
- (g). Security Deposit: (including bid security):- 10% age of Bid Amount / Estimated Cost
- (h). Percentage, if any, to be deducted from bills :- Income Tax as per FBR Rules.
- (i). Deadline for Submission of Bids along with time :- Time: 01:00 PM on 20-02-2018
- (j). Venue, Time, and Date of Bid Opening:- Time: 02:00 P.M Date: 20-02-2018 @ Office of the Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (k). Time for Completion from written order of commence: - 12 Months
- (L). Liquidity damages:- \_\_\_\_\_ (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  
Public Health Engg: Division  
Kashmore @ Kandhkot

## Conditions of Contract

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

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

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

### **Clause – 3: Termination of the Contract.**

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
  - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
  - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
  - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
  - (ii) to finalize the work by measuring the work done by the contractor.



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

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

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

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

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

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

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

**Clause – 7: Payments.**

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

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

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

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

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

**Clause – 9: Issuance of Variation and Repeat Orders.**

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original 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 may be at the risk and expense in all respects of the contractor.
  - (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

**Clause – 11:**

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

**Clause – 12: Examination of work before covering up.**

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

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

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

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

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



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

**Clause -18: Financial Assistance /Advance Payment.**

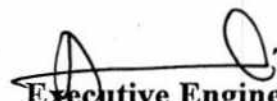
- (A) **Mobilization advance** is not allowed.
- (B) **Secured Advance against materials brought at site.**
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured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

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

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

**Contractor**

**Divisional Accountant**

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**

Name of Work:-

**Construction of CC drains CC Block in  
Mumtaz Muhalla from house of Nasir Ahmed  
Manqi Taluka Kandhkot**

Head of Account:-

**DISTRICT A.D.P 2017 - 2018.**

**BILL OF QUANTITIES**

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

Sr. No.	Item of Work	Quantity	Rate	Unit	Amount
<b>1</b>	<b><u>SUB-WORK NO: I</u></b>	<b><u>SURFACE DRAINS</u></b>			
1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	863.79 Cft	@Rs 3176.25	P%o Cft	Rs 2744
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) A) Ratio 1:4:8	159.70 Cft	@Rs 11288.75	P% Cft	Rs 18028
	<b><u>B) Ratio 1:2:4</u></b>	159.72 Cft	@Rs 14429.25	P% Cft	Rs 23046
3	Construction of standard open type drains connuttee block of C.C 1:2:4 cost of situ to the design profiles i/c cost of mould as per drawing i/c supplying floating cost of cement 1/32" thick to expose surface faces finished smooth curing complete as per drawing design. (P.H.S.I No D, P/ 58)				
	<b><u>Type-A</u></b>	140.00 Rft	@Rs 94.00	P-Rft	Rs 13160
	<b><u>Type-B</u></b>	100.00 Cft	@Rs 174.00	P-Rft	Rs 17400
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6) (G.S.I No. 4 P/ 19)	435.00 Cft	@Rs 11948.36	P% Cft	Rs 51975
5	Cement plaster (1:4) up to 20'height ½"thick (G.S.I-11/ P/51)	677.60 Sft	@Rs 2283.93	P% Sft	Rs 15476
6	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or pprcast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to ¼" gauge. (G.S.I-6 P/16)	78.40 Cft	@Rs 337.00	P-Cft	Rs 26421
7	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I- 8 P/16)	2.800 Cwt	@Rs 5001.70	P-Cwt	Rs 14005
<b>Total</b>					<b>Rs 182255</b>



**2 SUB-WORK NO: II****C.C BLOCK**

1	Barrow pit excavation undressed lead upto 100 ft ordinary soil (G.S.I. No. 3 p/1)	150.00	Cft	@Rs 2117.50	P%o Cft	Rs 318
2	Extra for every 50 ft additional lead or part there of (GSI No 8 P2) Qty same as Item No 1	150.00	Cft	@Rs 5039.00	P%o Cft	Rs 756
3	Laying earth in 6" thick layers leveling, dressing and watering for compaction etc complete (GSI No 13b P3) Qty Same as Item No 1	150.00	Cft	@Rs 354.00	P%o Cft	Rs 53
4	Cement concrete brick or stone ballast 1 ½" to 2" gauged ratio (1:4:8) (CSI No: 4, P-14)	99.00	Cft	@Rs 9416.28	P% Cft	Rs 9322
5	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) Ratio 1:2:4	75.00	Cft	@Rs 14429.25	P% Cft	Rs 10822
6	Erection and removal of centering for R.C.C or plain C.C works of deodars wood (2nd class) (b) for partal wood (vertical) (G.S.I.No. 19/a, P/17)	17.50	Sft	@Rs 3127.41	P% Sft	Rs 547

**Total Rs 21818**

<b>GENERAL ABSTRACT</b>		
<b>Sr. No.</b>	<b>Sub-Work</b>	<b>Amount</b>
1	SURFACE DRAINS	Rs 182255
2	C.C BLOCK	Rs 21818
	<b>TOTAL AMOUNT OF "A"</b>	<b>Rs 204073</b>
	_____ % ABOVE / BELOW ON THE CSR (To be filled by Contractor)	Rs
	<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	Rs

**CONTRACTOR**

  
**EXECUTIVE ENGINEER**  
 PUBLIC HEALTH ENGG: DIVISION  
 KASHMORE @ KANDHKOT

**CONDITIONS**

- 1 The work will be carried out as per PWD/PHE specification.
- 2 No premium will be allowed on non-schedule items.
- 3 Any error and omission in the description or item of work then rate shall be governed with the relevant schedule of rates and technically sanctioned estimate.
- 4 The contractor shall have to bring the material to the site of work from quarries mentioned in the technically sanctioned estimate.

**CONTRACTOR**

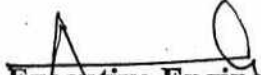
  
**EXECUTIVE ENGINEER**  
 PUBLIC HEALTH ENGG: DIVISION  
 KASHMORE @ KANDHKOT

(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
<u><i>NIL</i></u>					

Total (B) in words & figures:

Contractor

  
Executive Engineer  
Public Health Engg: Division  
Kashmore @ Kandhkot

**SUMMARY OF BILL OF QUANTITIES.**

Cost of Bid	Amount
1. (A) Cost based on Composite Schedule of Rates. (To be filled by Contractor)	Rs:
2. (B) Cost based on Non/Offered Schedule of Rates.	Rs: NIL
<b>TOTAL COST OF BID (C) = Total (A) + Total (B)</b> (To be filled by Contractor)	Rs:
<hr/>	
<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	Rs:
<hr/>	

Contractor

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**

**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**GOVERNMENT OF SINDH**

**PUBLIC HEALTH ENGINEERING DIVISION KASHMORE @**  
**KANDHKOT**



**BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL**

**FOR**

**Name of Work:-** **Construction of drainage scheme from Jaram house to Ali Palace Jaferabad Muhalla Taluka Kandhkot Under District A.D.P 2017 - 2018**

**Name of Department:-** **Public Health Engineering Department.**

**Name of Procuring Agency:-** **Executive Engineer, Public Health Engineering Division Kashmore @ Kandhkot.**

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

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

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

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



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

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

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

- (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
- (B) **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
- (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

## BIDDING DATA

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

- (a). Name of Procuring Agency:- Executive Engineer, PHE Division Kashmir @ Kandhkot.
- (b). Brief Description of Works:- Construction of drainage scheme from Jaram house to Ali Palace Jaferabad Muhalla Taluka Kandhkot District A.D.P 2017-2018.
- (c). Procuring Agency's address:- Elementary College Kashmir @ Kandhkot
- (d). Estimated Cost:- Rs: 0.500 (M)
- (e). Amount of Bid Security:- Rs: 0.025 (M)
- (f). Period of Bid Validity (days):- (90) Days
- (g). Security Deposit: (including bid security):- 10% age of Bid Amount / Estimated Cost
- (h). Percentage, if any, to be deducted from bills :- Income Tax as per FBR Rules.
- (i). Deadline for Submission of Bids along with time :- Time: 01:00 PM on 20-02-2018
- (j). Venue, Time, and Date of Bid Opening:- Time: 02:00 P.M Date: 20-02-2018 @ Office of the Executive Engineer, PHE Division Kashmir @ Kandhkot.
- (k). Time for Completion from written order of commence: - 12 Months
- (L). Liquidity damages:- \_\_\_\_\_ (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  
Public Health Engg: Division  
Kashmore @ Kandhkot

## Conditions of Contract

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

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

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

### **Clause – 3: Termination of the Contract.**

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
  - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
  - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
  - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
  - (ii) to finalize the work by measuring the work done by the contractor.

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

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

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

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

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

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

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

**Clause – 7: Payments.**

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

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

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

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

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

**Clause – 9: Issuance of Variation and Repeat Orders.**

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original 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 may be at the risk and expense in all respects of the contractor.
  - (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

**Clause – 11:**

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



**Clause – 12: Examination of work before covering up.**

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

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

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

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

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

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

**Clause -18: Financial Assistance /Advance Payment.**

(A) **Mobilization advance** is not allowed.

(B) **Secured Advance against materials brought at site.**

(i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;


(ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

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

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

**Divisional Accountant**

**Contractor**

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**

Name of Work:-

Construction of drainage scheme from Jaram house to Ali Palace Jaferabad Muhalla Taluka Kandhkot.

Head of Account:-

DISTRICT A.D.P 2017 - 2018.

**BILL OF QUANTITIES**

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

Sr. No.	Item of Work	Quantity	Rate	Unit	Amount
<b><u>1 SUB-WORK NO: I</u></b>		<b><u>SURFACE DRAINS</u></b>			
1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	1139.67 Cft	@Rs 3176.25	P%o Cft	Rs 3620
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) A) Ratio 1:4:8	228.67 Cft	@Rs 11288.75	P% Cft	Rs 25814
	<b><u>B) Ratio 1:2:4</u></b>	159.72 Cft	@Rs 14429.25	P% Cft	Rs 23046
3	Construction of standard open type drains connuttee block of C.C 1:2:4 cost of situ to the design profiles i/c cost of mould as per drawing i/c supplying floating cost of cement 1/32" thick to expose surface faces finished smooth curing complete as per drawing design. (P.H.S.I No D, P/ 58)				
	<b><u>Type-A</u></b>	254.00 Rft	@Rs 94.00	P-Rft	Rs 23876
	<b><u>Type-B</u></b>	100.00 Cft	@Rs 174.00	P-Rft	Rs 17400
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6) (G.S.I No. 4 P/ 19)	606.00 Cft	@Rs 11948.36	P% Cft	Rs 72407
5	Cement plaster (1:4) up to 20'height ½"thick (G.S.I-11/ P/51)	944.36 Sft	@Rs 2283.93	P% Sft	Rs 21569
6	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to ¼" gauge. (G.S.I-6 P/16)	93.40 Cft	@Rs 337.00	P-Cft	Rs 31476
7	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I- 8 P/16)	3.340 Cwt	@Rs 5001.70	P-Cwt	Rs 16706

**Total Rs 235913**

<u>2 SUB-WORK NO: II</u>	<u>C.C BLOCK</u>			
1 Barrow pit excavation undressed lead upto 100 ft ordinary soil (G.S.I. No. 3 p/ 1)	600.00 Cft	@Rs 2117.50	P%o Cft	Rs 1271
2 Extra for every 50 ft additional lead or part there of (GSI No 8 P2) Qty same as Item No 1	600.00 Cft	@Rs 5039.00	P%o Cft	Rs 3023
3 Laying earth in 6" thick layers leveling, dressing and watering for compaction etc complete (GSI No 13b P3) Qty Same as Item No 1	600.00 Cft	@Rs 354.00	P%o Cft	Rs 212
4 Cement concrete brick or stone ballast 1 ½" to 2" gauged ratio (1:4:8) (CSI No: 4, P-14)	396.00 Cft	@Rs 9416.28	P% Cft	Rs 37288
5 Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) Ratio 1:2:4	300.00 Cft	@Rs 14429.25	P% Cft	Rs 43288
6 Erection and removal of centering for R.C.C or plain C.C works of deodars wood (2nd class) (b) for partal wood (vertical) (G.S.I.No. 19/a, P/17)	57.50 Sft	@Rs 3127.41	P% Sft	Rs 1798

**Total Rs 86881**

<u>GENERAL ABSTRACT</u>		
Sr. No.	Sub-Work	Amount
1	SURFACE DRAINS	Rs 235913
2	C.C BLOCK	Rs 86881
	<b>TOTAL AMOUNT OF "A"</b>	<b>Rs 322794</b>
	_____ % ABOVE / BELOW ON THE CSR (To be filled by Contractor)	<b>Rs</b>
	<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	<b>Rs</b>

CONTRACTOR

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

**CONDITIONS**

- 1 The work will be carried out as per PWD/PHE specification.
- 2 No premium will be allowed on non-schedule items.
- 3 Any error and omission in the description or item of work then rate shall be governed with the relevant schedule of rates and technically sanctioned estimate.
- 4 The contractor shall have to bring the material to the site of work from quarries mentioned in the technically sanctioned estimate.

CONTRACTOR

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
KASHMORE @ KANDHKOT

(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
<u><i>NIL</i></u>					

Total (B) in words & figures:

Contractor

  
Executive Engineer  
Public Health Engg: Division  
Kashmore @ Kandhkot

**SUMMARY OF BILL OF QUANTITIES.**

Cost of Bid	Amount
1. (A) Cost based on Composite Schedule of Rates. (To be filled by Contractor)	Rs:
2. (B) Cost based on Non/Offered Schedule of Rates.	Rs: NIL
<b>TOTAL COST OF BID (C) = Total (A) + Total (B)</b> (To be filled by Contractor)	Rs:
<hr/>	
<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	Rs:
<hr/>	

Contractor

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**



**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**GOVERNMENT OF SINDH**

**PUBLIC HEALTH ENGINEERING DIVISION KASHMORE @**  
**KANDHKOT**



**BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL**

**FOR**

**Name of Work:-** **Construction of CC Drains and CC block in village Muhammad Khan Jamro Taluka Kashmore Under District A.D.P 2017 - 2018**

**Name of Department:-** **Public Health Engineering Department.**

**Name of Procuring Agency:-** **Executive Engineer, Public Health Engineering Division Kashmore @ Kandhkot.**

**Documents Issued to:-** \_\_\_\_\_

## Instructions to Bidders/ Procuring Agencies.

### General Rules and Directions for the Guidance of Contractors.

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

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

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

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

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

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

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

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

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

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

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

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


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

- (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
- (B) **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
- (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

## BIDDING DATA

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

- (a). Name of Procuring Agency:- Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (b). Brief Description of Works:- Construction of CC Drains and CC block in village Muhammad Khan Jamro Taluka Kashmore District A.D.P 2017-2018.
- (c). Procuring Agency's address:- Elementary College Kashmore @ Kandhkot
- (d). Estimated Cost:- Rs: 1.000 (M)
- (e). Amount of Bid Security:- Rs: 0.500 (M)
- (f). Period of Bid Validity (days):- (90) Days
- (g). Security Deposit: (including bid security):- 10% age of Bid Amount / Estimated Cost
- (h). Percentage, if any, to be deducted from bills :- Income Tax as per FBR Rules.
- (i). Deadline for Submission of Bids along with time :- Time: 01:00 PM on 20-02-2018
- (j). Venue, Time, and Date of Bid Opening:- Time: 02:00 P.M Date: 20-02-2018 @ Office of the Executive Engineer, PHE Division Kashmore @ Kandhkot.
- (k). Time for Completion from written order of commence: - 12 Months
- (L). Liquidity damages:- \_\_\_\_\_ (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  
Public Health Engg: Division  
Kashmore @ Kandhkot

## Conditions of Contract

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

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

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

### **Clause – 3: Termination of the Contract.**

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
  - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
  - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
  - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
  - (ii) to finalize the work by measuring the work done by the contractor.



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

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

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

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

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

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

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

**Clause – 7: Payments.**

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

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

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

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

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

**Clause – 9: Issuance of Variation and Repeat Orders.**

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original 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 may be at the risk and expense in all respects of the contractor.
  - (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

**Clause – 11:**

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

**Clause – 12: Examination of work before covering up.**

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

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

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

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

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

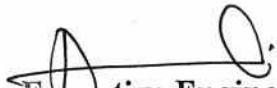
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable 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**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**



Name of Work:-

**Construction of CC Drains and CC block in village Muhammad Khan Jamro Taluka Kashmore.**

Head of Account:-

**DISTRICT A.D.P 2017 - 2018.**

**BILL OF QUANTITIES**

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

Sr. No.	Item of Work	Quantity	Rate	Unit	Amount
<b>1</b>	<b><u>SUB-WORK NO: I</u></b>				
	<b><u>SURFACE DRAINS</u></b>				
1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	3297.75 Cft	@Rs 3176.25	P%o Cft	Rs 10474
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) A) Ratio 1:4:8	543.19 Cft	@Rs 11288.75	P% Cft	Rs 61319
	<b><u>B) Ratio 1:2:4</u></b>	159.72 Cft	@Rs 14429.25	P% Cft	Rs 23046
3	Construction of standard open type drains connuttee block of C.C 1:2:4 cost of situ to the design profiles i/c cost of mould as per drawing i/c supplying floating cost of cement 1/32" thick to expose surface faces finished smooth curing complete as per drawing design. (P.H.S.I No D, P/ 58)				
	<b><u>Type-A</u></b>	278.00 Rft	@Rs 94.00	P-Rft	Rs 26132
	<b><u>Type-B</u></b>	500.00 Cft	@Rs 174.00	P-Rft	Rs 87000
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6) (G.S.I No. 4 P/ 19)	1542.00 Cft	@Rs 11948.36	P% Cft	Rs 184244
5	Cement plaster (1:4) up to 20'height ½"thick (G.S.I-11/ P/51)	2400.52 Sft	@Rs 2283.93	P% Sft	Rs 54826
6	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to ¼" gauge. (G.S.I-6 P/16)	216.80 Cft	@Rs 337.00	F-Cft	Rs 73062
7	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I- 8 P/16)	7.740 Cwt	@Rs 5001.70	P-Cwt	Rs 38713

**Total Rs 558817**

**2 SUB-WORK NO: II****C.C BLOCK**

1	Barrow pit excavation undressed lead upto 100 ft ordinary soil (G.S.I. No. 3 p/1)	836.00	Cft	@Rs 2117.50	P%o Cft	Rs 1770
2	Extra for every 50 ft additional lead or part there of (GSI No 8 P2) Qty same as Item No 1	836.00	Cft	@Rs 5039.00	P%o Cft	Rs 4213
3	Laying earth in 6" thick layers leveling, dressing and watering for compaction etc complete (GSI No 13b P3) Qty Same as Item No 1	836.00	Cft	@Rs 354.00	P%o Cft	Rs 296
4	Cement concrete brick or stone ballast 1 1/2" to 2" gauged ratio (1:4:8) (CSI No: 4, P-14)	551.76	Cft	@Rs 9416.28	P% Cft	Rs 51955
5	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (G.S.I - 5 P/15) Ratio 1:2:4	418.00	Cft	@Rs 14429.25	P% Cft	Rs 60314
6	Erection and removal of centering for R.C.C or plain C.C works of deodars wood (2nd class) (b) for partal wood (vertical) (G.S.I.No. 19/a, P/17)	80.12	Sft	@Rs 3127.41	P% Sft	Rs 2506

**Total Rs 121054**

<b>GENERAL ABSTRACT</b>		
<b>Sr. No.</b>	<b>Sub-Work</b>	<b>Amount</b>
1	SURFACE DRAINS	Rs 558817
2	C.C BLOCK	Rs 121054
	<b>TOTAL AMOUNT OF "A"</b>	<b>Rs 679871</b>
	_____ % ABOVE / BELOW ON THE CSR (To be filled by Contractor)	Rs
	<b>GRAND / NET TOTAL</b> (To be filled by Contractor)	Rs

**CONTRACTOR**

  
**EXECUTIVE ENGINEER**  
 PUBLIC HEALTH ENGG: DIVISION  
 KASHMORE @ KANDHKOT

**CONDITIONS**

- 1 The work will be carried out as per PWD/PHE specification.
- 2 No premium will be allowed on non-schedule items.
- 3 Any error and omission in the description or item of work then rate shall be governed with the relevant schedule of rates and technically sanctioned estimate.
- 4 The contractor shall have to bring the material to the site of work from quarries mentioned in the technically sanctioned estimate.

**CONTRACTOR**

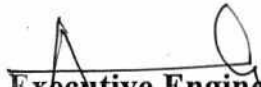
  
**EXECUTIVE ENGINEER**  
 PUBLIC HEALTH ENGG: DIVISION  
 KASHMORE @ KANDHKOT

(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
<u><i>NIL</i></u>					

Total (B) in words & figures:

Contractor

  
Executive Engineer  
Public Health Engg: Division  
Kashmore @ Kandhkot

**SUMMARY OF BILL OF QUANTITIES.**

Cost of Bid	Amount
1. (A) Cost based on Composite Schedule of Rates. <i>(To be filled by Contractor)</i>	Rs:
2. (B) Cost based on Non/Offered Schedule of Rates.	Rs: NIL
<b>TOTAL COST OF BID (C) = Total (A) + Total (B)</b> <i>(To be filled by Contractor)</i>	Rs:
<hr/>	
<b>GRAND / NET TOTAL</b> <i>(To be filled by Contractor)</i>	Rs:
<hr/>	

Contractor

  
**Executive Engineer**  
**Public Health Engg: Division**  
**Kashmore @ Kandhkot**