

OFFICE OF THE TOWN COMMITTEE WARAH, TALUKA WARAH

No. TCW/ 37

Warah dated:- 28.3.2016.

NOTICE INVITING TENDERS.

Approval from Local Government Department Govt. of Sindh
Karachi Letter No. SOIV(LG)1-294/2015 dt. 10-12-2015, sealed tender B.1 &
B.2 forms are invited from all interested parties/Firms as per rules of SPPRA
for following works.

Sr. No.	Name of Work	Estimated Cost	Earnest Money	Tender Fee	Time Period
01	Const. of CC Drains, CC Block in Ward No. 01 Town Warah	20,00,000/-	2%	3,000/-	6 Month
02	Const. of CC Drains, CC Block in Ward No. 02 Town Warah	20,00,000/-	2%	3,000/-	6 Month
03	Const. of CC Drains, CC Block in Ward No. 03 Town Warah	20,00,000/-	2%	3,000/-	6 Month
04	Const. of CC Drains, CC Block from Van Stand upto Dr. Latif Kalhoro Clinic, Via Badar Buriro, Via Jurial Chhutto, Via Post Office of Ward No. 04 Town Warah.	50,00,000/-	2%	3,000/-	6 Month
05	Const. of CC Drains, CC Block in Ward No. 05 Town Warah	20,00,000/-	2%	3,000/-	6 Month
06	Const. of CC Drains, CC Block in Ward No. 06 Town Warah	20,00,000/-	2%	3,000/-	6 Month
07	Const. of CC Drains, CC Block in Ward No. 07 Town Warah	20,00,000/-	2%	3,000/-	6 Month
08	Const. of CC Drains, CC Block in Ward No. 08 Town Warah	20,00,000/-	2%	3,000/-	6 Month
09	Const. of CC Drains, CC Block in Ward No. 09 Town Warah	20,00,000/-	2%	3,000/-	6 Month
10	Const. of CC Drains, CC Block in Ward No. 10 Town Warah	20,00,000/-	2%	3,000/-	6 Month
11	Construction of CC Drains, CC Block in By Pass Road from Puna Minor, upto Tunia Road, Via Civil Hospital, Via Girls School Town Warah.	45,00,000/-	2%	3,000/-	6 Month
12	Construction of Compound Wall of (Hindu Massan)	10,00,000/-	2%	3,000/-	6 Month
13	Providing & Installing of Solar System in Village Gartal	20,00,000/-	2%	3,000/-	6 Month
14	Rehabilitation of Disposal of Ahmadi Tunio Muhalla Town Warah	20,00,000/-	2%	3,000/-	6 Month
15	Improvement of Urban Water Supply Scheme Warah	20,00,000/-	2%	3,000/-	6 Month
16	Improvement of Urban Drainage Scheme Warah.	20,00,000/-	2%	3,000/-	6 Month

433
07-04-16

01. The Bidding documents will be issued from of publication in the newspaper/on website on payment of tender fee (non refundable) on any working day upto 15-04-2016.

02. Sealed tender will be received back on 18-04-2016 upto 02:00 PM and will be open on same date at 03:00 PM in the presence of intending contractor or their authorized representatives.

03. un responded/Rejected tender will be re-issued upto 06-05-2016 which will be receive back on 09-05-2016 upto 02:00 PM and will be opened on same date after one hour at 03:00 PM respectively.

04. No conditional/Telegraphic tender will be entertained.

05. Un-scaled tender will not be accepted.

06. No tender without call deposit or received after specified date and time will be considered.

07. Bid containing last cost method (Single stage one envelope).

08. The procuring agency reserves the right to reject all or any bid subject to the relevant provision of SPPRA rules 2010.

09. The contractor should have to register with PEC where-ever required and with Sindh Revenue Board.



Town Officer
Town Committee Warah

C.F.W.Cs to the:-

01. The Deputy Commissioner District Kamber Shahdadkot@ Kamber.

02. The Director Information (Advertisement) Publication Relation Department Barrack No. 96 Sindh Secretariat Shahrah-Iraq Karachi in (07) copies for publishing the advertisement in three leading daily newspapers.

✓03. The Director SPPRA Sindh Karachi.

04. The Director General Rural Development Department Government of Sindh Karachi.

05. The Administrator Town Committee Warah

Copy to the:-

01. The Engineer Town Committee Warah for information and preparing the Detailed Working Estimates.

02. All concerned.

03. Notice board.



Town Officer
Town Committee Warah
Town Officer
Town Committee Warah



**GOVERNMENT OF SINDH
LOCAL GOVERNMENT DEPARTMENT**

Karachi dated the 02nd March, 2016

NOTIFICATION

No. SOIV/(LG)/1-20/2016/LAR With the approval of Competent Authority, Procurement Committee consisting on following for undertaking Development Work in Town Committee, Warah District Kamber @ Shahdadkot, during the year 2015-16 is hereby constituted under Section (7) of SPPRA Rule, 2010:-

- | | |
|--|----------|
| 1. Town Officer Warah | Chairman |
| 2. Accounts Officer District Council Kamber | Member |
| 3. Assistant Executive Engineer PHED Kamber | Member |
| 4. Assistant Executive Engineer Building Kamber | Member |
| 5. Assistant Director Planning & Development
Deputy Commissioner Kamber | Member |

The Function and responsibilities of Procurement Committee shall be as under: - (Section-8 of SPPRA Rule 2010)

- Preparing Bidding Documents.
- Carrying out technical as well as financial evaluation of the bids.
- Prepare evaluation reports as provided in Rule 45.
- Making recommendations for the award of contract to the competent authority.
- Perform any other function ancillary and incidental to the above.

SECRETARY TO GOVT: OF SINDH.

NO.SOIV (LG)/1-20 /2016/LAR

Karachi, dated the 02nd March, 2016.

A copy is forwarded for information and necessary action to:-

1. The Director, Sindh Public Procurement Regularity Authority, Karachi.
2. The Director, Local Government, Larkana
3. The Town Officer Warah.
4. The Accounts Officer District Council Kamber.
5. The Assistant Executive Engineer PHED Kamber.
6. The Assistant Executive Engineer Building Kamber.
7. The Assistant Director Planning & Development Deputy Commissioner Kamber.
8. Office Order.

SECTION OFFICER-IV



**GOVERNMENT OF SINDH
LOCAL GOVERNMENT DEPARTMENT**

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1. Town Officer Warah	Chairman
2. Accounts Officer District Council Kamber	Member
3. Assistant Executive Engineer PHED Kamber	Member
4. Assistant Executive Engineer Building Kamber	Member
5. Assistant Director Planning & Development Deputy Commissioner Kamber	Member

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SECTION OFFICER-IV

EVALUATION QUALIFICATION / ELIGIBILITY CRITERIA

Bid shall be evaluated on the basis of following information are available with the bid.

01. Bid shall be in sealed cover.
02. Bid shall be properly signed by the contractor with stamp; cutting and overwriting must be initiated.
03. Name of firm, postal address, telephone number, fax number, email address must be written.
04. Rate must be quoted in figure and words.
05. NTN, SRB Certificate, and PEC (Valid) registration (where applicable).
06. Relevant experience minimum (01) One year
07. Turnover at least (03) Three years (Equal to the tender estimated value / amount).
08. Bid security of required amount.
09. Conditional bid will not be considered.
10. Bid will be evaluate according to SPPRA 2010 (Amended 2014).
11. The bid of the black listed and debarred contractors will not be considered.
12. The contractor shall submit / produce / attach above mentioned documents certificates (attested) along-with bidding documents.

COMMITTEE VARIOUS COMMUNITY WARDEN (CCW) - BUDGET FOR 2015-2016

ANNUAL PROCUREMENT PLAN

(WORKS, GOOD & SERVICES)

FINANCIAL YEAR 2015-2016

S No	Name of Work	Location	Estimated Unit Cost (Where applicable)	Funds Allocated (Million)	Source of Funds (ADPs Non ADPs)	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
1	Const. of CC Drians CC Block & B/P in Ward No. 01 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
2	Const. of CC Drians CC Block & B/P in Ward No. 02 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
3	Const. of CC Drians CC Block & B/P in Ward No. 03 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
4	Const. of CC Drians CC Block & B/P from Van Stant upto Dr. Abdul Latif Kalhoro Clinic, via Badar Buriro, via Jurial Chhutto, via Post Office in Ward No. 4 Town Warah	Town Warah	-	5.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
5	Const. of CC Drians CC Block & B/P in Ward No. 05 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
6	Const. of CC Drians CC Block & B/P in Ward No. 06 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
7	Const. of CC Drians CC Block & B/P in Ward No. 07 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
8	Const. of CC Drians CC Block & B/P in Ward No. 08 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	

No.	Description of CC Drains CC Block & B/P in Ward No.	Town Warah	2000 Million	Non ADPs	Single Stage one envelope	3rd Qtr.
10	Const. of CC Drains CC Block & B/P in Ward No. 10 Town Warah	Town Warah	2.00 Million	Non ADPs	Single Stage one envelope	3rd Qtr.
11	Const. of CC Drains CC Block & B/P in by pass road upto Tunio Road, via Civil Hospital, via Govt. Girls School in Town Warah.	Town Warah	4.500 Million	Non ADPs	Single Stage one envelope	3rd Qtr.
12	Const. of Compound Wall (Hindu Massan)	Town Warah	1.00 Million	Non ADPs	Single Stage one envelope	3rd Qtr.
13	Rehabilitation of Disposal of Ahmadi Tunio Muhalla Town Warah	Town Warah	2.00 Million	Non ADPs	Single Stage one envelope	3rd Qtr.
14	Improvement of Urban Water Supply Scheme Warah	Town Warah	2.00 Million	Non ADPs	Single Stage one envelope	3rd Qtr.
15	Improvement of Urban Drainage Scheme Warah	Town Warah	2.00 Million	Non ADPs	Single Stage one envelope	3rd Qtr.

Town Officer
Town Committee Warah

SELECTION COMMITTEE WARAH



RIGHT KAMBER SHAH DADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

TO CONTRACTOR

WORK

CONSTRUCTION OF CC DRAINS, CC BLOCK IN
WARD NO. 01 TOWN WARAH

NIT SR: NO: 01

Standard Bidding Document

intended as a model for measurements (Percentage Rate / Unit price for unit rates in a Bill of Materials / Quantities) types of contract. The main text refers to measurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

1. The bidding documents should provide the information necessary for bidders to prepare and submit 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.

2. Concerning the performance of the contract or payments under the contract, or matters effecting completion, rights, and obligations of the parties under the Contract are included as conditions of contract in the Bill of Materials.

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

4. 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 tender documents and bid security either in lump sum or percentage of Estimated Cost / Bid amount. The interested bidder must have valid NTN also.

5. Content of Bidding Documents must include but not limited to Conditions of Contract, Contract rates, Specifications or its reference, Bill of Quantities containing description of items with estimate premium to be filled in form of percentage above / below or on item rates to be filled in form of Agreement and drawings.

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

7. The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of MPPR Rule 2010.

8. **Conditional Officer:-** 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 Schedule items shall be framed. Tenders which proposed any alternative in the works specified in the form of invitation to tender or in the time.

9. Tenders proposed 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 a 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.

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TOWN COMMITTEE WARAH

- works shall be measured by standard instructions according to the rules.
- bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
- Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidders.
- Up to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
- Bid without bid security of required amount and prescribed form shall be rejected.
- 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 be 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) If there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

(SIGNED BY)

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

FACTORS

Section should be filled in by the Executive / Procuring Agency before issuance of the Bidding Documents)

Procuring Agency	Town Committee Warah.
Description of Work	Construction of CC Drain, CC Block in Ward No. 01. Of Town Warah .
Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 2.000 (million)
Security:-	
(a) sum amount or in % age of bid amount	02%
(b) if cost, but not exceeding 5%	
(c) Bid Validity (days)	60 Days (Not more than Sixty Days)
(d) Deposit	
(e) % of bid amount / estimated cost equal to	
(f) %age, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
(g) -for submission of Bids along with Time	15-04-2016, 2.00 pm
Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
(h) completion from written order of	
(i) duration	06 Months
(j) damages:	
(k) Estimated Cost or Bid Cost per day of	Nil
(l) (with total not exceeding 10%)	

Bill Receipt	No: _____	Dated _____
Amount	Amount Rs: _____	of _____
Bill No.	No: _____	Dated _____
Rs.	Rs: _____	
Authorized by Contractor	Part A	
	Part B	

- FACTOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion of work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

The contractor shall proceed with the works with due expedition and without delay and complete the work within 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 liable in which the time allowed for completion of any work exceeds one month to achieve the same on the prorate basis.

Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate stipulated 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% 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.

Termination of the Contract.

The Agency / Executive Engineer, may terminate the contract if either of the following conditions are met:

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

Executive Engineer / Procuring Agency has power to adopt any of the following courses as may

- (i) Forfeit the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (ii) Stop the work by measuring the work done by the contractor

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want of any of the above courses being adopted by the Executive Engineer / Procuring Agency the contractor shall have

no claim to compensation for any loss sustained by him by reason of his having purchase or borrowed any materials, or entered into any engagements or made any advance on account of the work in view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

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

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

Extension of Intended Completion Date. The Procuring Agency either at its own desire or before the date of completion or on desire of the contractor or on desire of the contractor to extend the intended completion date, if any event (which hinders the execution of contract) occurs and a variation order is issued with 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 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.

Specification. 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 accordance with the specifications lodged in the office of the Executive Engineer, and initialed by him. Besides, the said specification being a part of contract. The contractor shall also confirm and comply fully and faithfully to the designs, drawings, and instruction in writing relating to the work issued by the Executive 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 the progress of the work and the contractor shall, if he so requires, be entitled at his own expense to have made copies of the specifications and of all such designs drawings, and drawings as aforesaid.

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TOWN COMMITTEE WARAH

2.1.1 Payments

2.1.1.1 Running Bill. A bill shall be submitted by the contractor as the progress of the work is done 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 bill and if having the same verified and the claim, as far as admissible, adjusted, if possible within the expiry of ten days from the presentation of the bill at any time depute a subordinate to carry up the said work in the presence of the contractor or his authorized agent, whose signature to the measurement list will be sufficient to warrant and the Engineer-In-Charge 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 shall be final and payable in respect thereof, subject to deduction of security deposit, advance and any made to him and taxes.

An intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory works pointed out to him during defect liability period.

2.1.1.2 Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the amount payable for the works shall be final and binding on all parties.

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

2.1.2 Issuance of Variation and Repeat Orders.

The Engineer may issue a variation Order for procurement of works physical services from the original contract 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 contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation and subject to the limit not exceeding the contract cost by of 15% on the same conditions, in the rates 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 delays or curtailment of the work.

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the nature of the work in the variation does not correspond with items in the Bill of Materials, the quotation by the contractor is to be in the form of new rates for the relevant items of work. If the Engineer-In-Charge is satisfied that the rate quoted is within the rate worked out by the detailed rate analysis, and then only he shall allow him that rate after approval from higher authorities.

The time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

If the quantities of work executed result the Initial contract price to be exceeded by more than 15%, the Engineer can adjust the rates for those quantities causing excess the cost of contract work after approval of Superintending Engineer.

Joint Order; Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a contract to be tendered out if the works are separable from the original contract.

Quality Control.

Standing Defects: If at any time before the security deposit is refunded to the contractor / during the 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 shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct the work specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Uncorrected Defects:

In 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.

If the Engineer, considers that rectification / correction of a defect is not essential and it may be expedient, or made use of it shall be within his direction to accept the same at such reduced rates as he may determine.

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Section of Operations. The Engineer and his subordinates, shall at all responsible 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 same.

Inspection and Testing. The Engineer shall give the contractor responsible notice of the times when the Engineer-In-Charge or his subordinate to visit the work shall have been given to the contractor and when he either himself be present to receive orders and instructions, or have a responsible agent accredited in writing present for that purpose, orders given to the contractor's duly accredited agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

Examination of work before covering up.

When the works shall be covered up or put out of view / beyond the reach without giving notice in writing at least five days to the Engineer, whenever any such part of the works or foundations is or are about to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and testing each end of the works or of examining such foundations.

When the 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 allowance shall be made for such work, or for the materials with which the same was constructed.

Risks. The contractor shall be responsible for all risks of loss of or damage to physical property, facilities or related services at the premises and of personal injury and death which arise 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 payment shall be made by the contractor shall make good the same at his own expense, or in default the Engineer shall cause the same to be made good by other workmen, and deduct the expenses from retention money due to the contractor with the Engineer.

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

(CONTRACTOR)

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14.15 Sub-contracting. The contractor shall not subcontract the whole of the works, except as may be 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 obligation under the contract and he shall be responsible for the acts, defaults and neglects of his contractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents servants or workman. The provisions of this contract shall apply to such contractor or his employees as if he or it were employees of the contractor.

14.16 Disputes. All disputes arising in connection with the present contract, and which cannot be settled between the parties, the decision of the Superintending Engineer, of the circle / office / divisional Engineer to awarding authority shall be final conclusive and binding on all parties to the contract. When all questions relating to the meaning of the specifications, designs, drawings, and materials hereinbefore mentioned and as to the quality of workmanship or materials used on the work, to any other questions specifications, estimates, instructions, orders or these conditions or any concerning the works, or the execution, of the failure to execute the same, whether arising during the progress of the work, or after the completion or abandonment thereof.

14.17 Due Clearance. On completion of the work, the contractor shall be furnished with a certificate from the Executive Engineer (hereinafter called the Engineer in-charge) of such completion. No 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 other facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the provisions of this clause then Engineer-in-charge, may at the expense of the contractor remove 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 sold except for any sum actually realized by the sale thereof.

14.18 Financial Assistance / Advance Payment

14.18.1 Retention Advance is not allowed.

14.18.2 Secured Advance against material brought at site.

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

The cost of Secured Advance paid to the contractor under the above provisions shall be affected by monthly payments on actual consumption basis, but not less than period more than three months (even if unutilized)

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

1.10 **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.

1.11 **Refund of Security Deposit / Retention Money.** On completion of the whole of the works the work should be considered as complete for the purpose of refund of security deposit to a contractor on the last date on which its final measurements are checked by a competent authority, if such check is not made (or any other date otherwise from the last date of recording the final measurements) the defects notice should be also passed and the Engineer has certified that all defects notified to the contractor before the expiry of this period have been corrected, the security deposit lodged by a contractor (in cash or in bills or in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is complete.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Figure 1: Quantity and Rate of Items based on Composite Schedule of Rates

[illegible]

above / below on the Rates of CSR.

to be added / deducted on the basis of premium quoted **Total Part B**

• **Print A+B in words and figures.**

... (OR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Unit and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			
		Amount Total (B)		

FACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Item of work: Construction of C. C. drains & C.C blocks, in Ward No. 01 Town Warah

Source of A/C:- **Own Source (O.Z.T Share)**

S. No.	Item of work	Rate	Unit	Amount
<u>1. C.C DRAINS</u>				
	Excavation in foundation of building bridges and other structures i/c dag belling and refilling around the structures with excavated Earth Watering ramming up to 5ft ordinary Soil <u>(G.S.I – 18/P/4)</u>			
13.00 Cft	@ Rs. 3176.25	P%0Cft	Rs.	10,275-0
	Cement Concrete plain i/c placing Compacting finishing and curing complete i/c cleaning and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
80 Cft	@ Rs. 11288.75	P% Cft	Rs.	84,440-0
	Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to 10' height profile i/c cost of mould as per drawing i/c supplying floating cost of cement 10" thick to expose surface faces finished smooth curing complete as per drawing <u>(P.H.S.I – 1 No. DP/44)</u>			
100 Rft.	@ Rs. 94.00	P. Rft	Rs.	47,000-0
150 Rft.	@ Rs. 174.00	P. Rft	Rs.	78,300-0
	Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(G.S.I – 4/P/24)</u>			
12.50 Cft	@ Rs. 11948.36	P% Cft	Rs.	2, 10,590-0
	Cement Plaster (1:4) up to 20' height ½" thick <u>(G.S.I – 11/P/57)</u>			
175.00 Cft	@ Rs. 2283.93	P% Cft	Rs.	70,231-0
	R.C. Work i/c all labour and material except the cost f steel reinforcement and its bending and biding which will be paid separately. This rate also includes all kinds of moulds lifting shuttering curing rendering and finishing the exposed surface i/c cleaning and washing of shingle (a) R.C work in roof slab members laid in situ or precast in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle up to 12" gauge. <u>(G.S.I – 1-6/P/17)</u>			
100 Cft	@ Rs. 337.00	P. Cft	Rs.	40,440-0
	Laboration of mild steel reinforcement for cement concrete i/c cutting bending laying positioning making joints and fastening i/c cost of binding wire alo includes removal of rust from bars <u>(G.S.I – 7 (ii)(a)P/19)</u>			
3.40 Cwt	@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

1. Cement concrete plain i/c Placing compacting finishing and curing complete i/c
 cleaning and washing of stone aggregate without shuttering Ratio 1:2:4
(G.S.I-5 P/17)

100.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 19,495-0
			Rs. 5, 77,677-0

2. Supplying & Fixing M.S Iron Board Size (3.0x3.50)(Approved Rate)

100.00 Sq	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 5, 81,677-0

3. BLOCK

4. Narrow Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I – 3/P/1)

10265.00 Cft	@ Rs. 2117.50	P%0Cft	Rs. 21,736-0
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5. Earth Work compaction (soft, ordinary or hard soil) laying earth in 6" thick layers
 rolling and dressing etc completed (G.S.I – 3/P/4)

1200.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 4,779-0
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6. Extra lead for every 50' ft additional lead or part thereof.

1005.00 Cft	@ Rs. 5039.00	P%0Cft	Rs. 51,725-0
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7. Cement concrete bricks or stone balles 1/2" to 2" gauge Ratio 1:4:8 (G.S.I – 4/P/17)

1070.00 Cft	@ Rs. 9416.25	P% Cft	Rs. 2, 79,664-0
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8. C.C Plain Ratio 1:4:8

1000.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 3, 24,658-0
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9. Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2nd
 class) for partial wood (vertical)

100.00 Cft	@ Rs. 3127.41	P% Sft	Rs. 7,037-0
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Total: -	Rs. 6, 89,599-0
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GENERAL ABSTRACT

01.	CC Drains	Rs. 5, 81,677-0
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02.	CC Blocks	Rs. 6, 89,599-0
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G. Total: -	Rs. 12, 71,276-0
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CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respectively schedule of rates.

Contractor

Town Officer
 Town Committee Warah

COMMITTEE WARAH



KAMBER SHAHDADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

CONTRACTOR

WORK

**REHABILITATION DISPOSAL OF MUHALLA
AHMADI TUNIO TOWN WARAH**

NIT SR: NO: 02

Standard Bidding Document

is used as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Materials / Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

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

Terms governing the performance of the contract or payments under the contract, or matters effecting the rights, and obligations of the parties under the Contract are included as conditions of contract in Contract Data

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

The work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid cost. The interested bidder must have valid NTN also

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 schedule premium to be filled in form of percentage above / below or on item rates to be awarded, form of Agreement and drawings.

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 the contract

The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of Section 27, Rule 2010.

Additional Officer:- Any person who submits a tender shall fill up the usual printed form provided 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 Schedule items shall be framed. Tenders which proposed any alternative in the works specified in the said form of invitation to tender or in the time.

Not 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 a 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.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

10. All works shall be measured by standard instructions according to the rules.
11. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
12. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidders.
13. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 certificate, and any other condition mentioned in the NIT and bidding documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
14. Bids without bid security of required amount and prescribed form shall be rejected.
15. 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 be 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. If there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

BIDDER/CONTRACTOR:		
(This form should be filled in by the Executive / Procuring Agency before issuance of the Bidding Documents)		
1. Procuring Agency	Town Committee Warah.	
2. Description of Work	Construction of CC Drain, CC Block in Ward No. 02. Of Town Warah.	
3. Locating Agency Address	Town Warah, Taluka Warah	
4. Estimated Cost	Rs: 2 000 (million)	
5. Amount of Bid Security:-		
a) Lump sum amount or in % age of bid amount	02%	
b) Estimated cost, but not exceeding 5%)		
6. Period of Bid Validity (days)	60 Days (Not more than Sixty Days)	
7. Bid Security Deposit:-		
a) % age of bid amount / estimated cost equal to		
b) % age, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit	
8. Time for submission of Bids along with Time	15-04-2016, 2:00 pm	
9. Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M	
10. Completion from written order of		
a) %	06 Months	
11. Penalties		
a) Estimated Cost or Bid Cost per day of	Nil	
b) (not exceeding 10%)		
12. Deposit Receipt		
No:	Dated	
Amount Rs:	of	
No:	Dated	
Rs:		
13. Submitted by Contractor		
	Part A	
	Part B	

(BIDDER/CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion of work except with the written authority and instructions of the Engineer in-charge or the sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

Contractor shall proceed with the works with due expedition and without delay and complete the work within the time allowed for carrying out the work as entered in the tender shall be strictly observed by 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 liable in which the time allowed for completion of any work exceeds one month to achieve the same on a pro-rata basis.

Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate as 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 1% of the contract price. Agency may deduct liquidated damages from payments due to contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Termination of the Contract.

Contracting Agency / Executive Engineer, may terminate the contract if either of the following conditions exist:-

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

Contracting Agency / Procuring Agency has power to adopt any of the following courses as may

- (i) Forfeit the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (ii) Finalize the work by measuring the work done by the contractor

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

the content of any of the above courses being adopted by the Executive Engineer / Procuring Agency, the contractor shall have

no claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials, or entered into any engagements or made any advance on account of or which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

10-3 The Agency / Executive Engineer may invite fresh bids for remaining work

10-4 Possession of the site and claims for compensation for delay. The Engineer shall have possession of all parts of the site to the contractor. If possession of site is not given by the date specified in the contract data no compensation shall be allowed for any delay caused in starting the work on account of any acquisition of land, water standing in borrow pits / compartments or any other reason requiring sanction to estimates. In such case, either date of commencement will be changed or the date of completion is to be extended accordingly.

10-5 Extension of Intended Completion Date. The Procuring Agency either at its own request, before the date of completion or on desire of the contractor or on desire of the contractor to extend the intended completion date, if any 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 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.

10-6 Specification. The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by the Engineer-in-charge, the said specification being a part of contract. The contractor shall also confirm and comply fully and faithfully to the designs, drawings, and instruction in writing relating to the work issued by the Executive 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 cause to be made copies of the specifications and of all such designs drawings, and drawings as aforesaid.

Contractor

ENGINEER
TOWN COMMITTEE WARAH

10.1 / Payments

Interim / Running Bill. A bill shall be submitted by the contractor as the progress of the work to justify for all work executed and not included in any previous bill at least once in a month and the Executive 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 within the expiry of ten days from the presentation of the bill at any time depute a subordinate to check up the said work in the presence of the contractor or his authorized agent, whose signature to the measurement list will be sufficient to warrant and the Engineer-In-Charge shall issue 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 shall be considered due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

Any intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory work or works pointed out to him during defect liability period.

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 certificate of the measurement and of the amount payable for the works shall be final and binding on all parties.

At 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 deem reasonable in the preparation of final or on running account bills with reasons recorded in the bill.

10.2 Issuance of Variation and Repeat Orders.

The Agency may issue a variation Order for procurement of works physical services from the original contract 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 contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation and subject to the limit not exceeding the contract cost by of 15% on the same conditions, in the same manner and on which he agreed to do them in the work, and at the same rates, as are specified in the contract for the main work. The contractor has no right to claim for compensation by reason of delay or curtailment of the work.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

case, the nature of the work in the variation does not correspond with items in the Bill of Materials, the quotation by the contractor is to be in the form of new rates for the relevant items of work. If the Engineer-In-Charge is satisfied that the rate quoted is within the rate worked out by the detailed rate analysis, and then only he shall allow him that rate after approval from higher authorities.

10.10.2. The time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

10.10.3. If the quantities of work executed result the Initial contract price to be exceeded by more than 15%, the Engineer can adjust the rates for those quantities causing excess the cost of contract 15% after approval of Superintending Engineer.

10.10.4. Joint Order; Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

10-10: Quality Control.

10.10.1. Inspecting Defects: If at any time before the security deposit is refunded to the contractor / during the warranty 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 shall carry out a test at his own cost irrespective of work already approved or paid.

10.10.2. Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct the work specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

10.10.3. Rejected Defects:

In 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 cost in all respects of the contractor.

If the Engineer-In-Charge considers that rectification / correction of a defect is not essential and it may be expedient, the use of it shall be within his direction to accept the same at such reduced rates as he may determine.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Access to site for supervision and inspection of works. The Engineer and his subordinates, shall at all responsible 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 same access.

Engineer or Inspection and Testing. The Engineer shall give the contractor responsible notice of the time when 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 person duly accredited in writing present for that purpose, orders given to the contractor's duly accredited person shall be considered to have the same force and effect as if they had been given to the Engineer himself.

10.2 Examination of work before covering up.

When the works shall be covered up or put out of view / beyond the reach without giving notice to the Engineer, whenever any such part of the works or foundations is or are to be covered up or put out of view, the contractor shall be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and inspecting such part of the works or of examining such foundations.

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 allowance shall be made for such work, or for the materials with which the same was constructed.

10.3 Risks. The contractor shall be responsible for all risks of loss of or damage to physical property, facilities or related services at the premises and of personal injury and death which arise 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 settlement, the contractor shall make good the same at his own expense, or in default the Engineer shall cause the same to be made good by other workmen, and deduct the expenses from retention money, with the Engineer.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

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

1.11 Disputes. All disputes arising in connection with the present contract, and which cannot be settled between the parties, the decision of the Superintending Engineer, of the circle / office / division higher to awarding authority shall be final conclusive and binding on all parties to the contract on all questions relating to the meaning of the specifications, designs, drawings, and conditions hereinbefore mentioned and as to the quality of workmanship or materials used on the work and to any other questions specifications, estimates, instructions, orders or these conditions or matters concerning the works, or the execution, of the failure to execute the same, whether arising during the progress of the work, or after the completion or abandonment thereof.

1.12 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, and 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 construction 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 the same 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 removed except for any sum actually realized by the sale thereof.

1.13 Financial Assistance / Advance Payment

1.13.1 Retention Advance is not allowed.

1.13.2 Secured Advance against material brought at site.

Secured advance may be permitted only against imperishable materials / quantities anticipated to be actually 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 materials on site shall not exceed 75% of the market price of materials.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

1.4. 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.

1.5. Refund of Security Deposit / Retention Money. On completion of the whole of the works the work should be considered as complete for the purpose of refund of security deposit to a contractor on the last date on which its final measurements are checked by a competent authority, if such check is not made otherwise from the last date of recording the final measurements) the defects notice should be also passed and the Engineer has certified that all defects notified to the contractor before the expiry of this period have been corrected. the security deposit lodged by a contractor (in cash or in bills) shall be refunded to him after the expiry of three month from the date on which the work is complete.

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Table 1. Value and Rate of Items based on Composite Schedule of Rates

[illegible]

% above / below on the Rates of CSR.

to added / deducted on the basis of premium quoted **Total Part B**

4.4.7B in words and figures.

(DIRECTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Price and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (B)

TRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Item of work: Construction of C. C. drains & C.C blocks, in Ward No. 02 Town Warah

Source of A/C: **Own Source (O.Z.T Share)**

Qty:	S. No.	Item of work	Rate	Unit	Amount
<u>PART – I CC DRAINS</u>					
		Excavation in foundation of building bridges and other structures i/c dag belling dag refilling around the structures with excavated Earth Watering ramming up to 5ft Ordinary Soil <u>(G.S.I – 18/P/4)</u>			
1000 Cft		@ Rs. 3176.25	P%0Cft	Rs.	10,275-0
		Cement Concete plain i/c placing Compacting finishing and curing complete i/c cleaning and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
8000 Cft		@ Rs. 11288.75	P% Cft	Rs.	84,440-0
		Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to design profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1/2" thick to expose surface faces finished smooth curing complete as per drawing design. <u>(P.H.S.I – 1 No. DP/44)</u>			
49000 Rft.		@ Rs. 94.00	P. Rft	Rs.	47,000-0
1000 Rft.		@ Rs. 174.00	P. Rft	Rs.	78,300-0
		Burn Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(G.S.I – 4/P/24)</u>			
1050 Cft		@ Rs. 11948.36	P% Cft	Rs.	2, 10,590-0
		Cement Plaster (1:4) up to 20' height 1/2" thick <u>(G.S.I – 11/P/57)</u>			
7000 Cft		@ Rs. 2283.93	P% Cft	Rs.	70,231-0
		R.C Work i/c all labour and material except the cost f steel reinforcement and its cost for bending and biding which will be paid separately. This rate also includes all kinds forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c cleaning and washing of shingle (a) R.C work in roof slab members laid in situ or precast and in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 1/2" to 3/4" gauge. <u>(G.S.I – 1-6/P/17)</u>			
10000 Cft		@ Rs. 337.00	P. Cft	Rs.	40,440-0
		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 alo includes removal of rust from bars <u>(G.S.I – 7 (ii)(a)P/19)</u>			
10 Cwt		@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

03. Cement concrete plain i/c Placing compacting finishing and curing complete i/c
loading and washing of stone aggregate without shuttering Ratio 1:2:4
(G.S.I-5 P/17)

135.11 Cft	@ Rs. 14429.25	P% Cft	Rs. 19,495-0
			Rs. 5,77,677-0

04. Supplying & Fixing M.S Iron Board Size (3.0x3.50)(Approved Rate)

146	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 5,81,677-0

05. BLOCK

01. Narrow Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I-3/P/1)

163.00 Cft	@ Rs. 2117.50	P%0Cft	Rs. 21,736-0
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02. Earth Work compaction (soft, ordinary or hard soil) laying earth in 6" thick layers
rolling and dressing etc completed (G.S.I-3/P/4)

1600.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 4,779-0
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03. Extra lead for every 50' ft additional lead or part thereof.

17105.00 Cft	@ Rs. 5039.00	P%0Cft	Rs. 51,725-0
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04. Cement concrete bricks or stone ballest 1/2" to 2" gauge Ratio 1:4:8 (G.S.I-4/P/17)

17370.00 Cft	@ Rs. 9416.25	P% Cft	Rs. 2,79,664-0
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05. C.C Plain Ratio 1:4:8

1850.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 3,24,658-0
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06. Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2nd
grade) for partial wood (vertical)

1900 Cft	@ Rs. 3127.41	P% Sft	Rs. 7,037-0
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Total: -	Rs. 6,89,599-0
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GENERAL ABSTRACT

01.	CC Drains	Rs. 5,81,677-0
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01.	CC Blocks	Rs. 6,89,599-0
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G. Total: -	Rs. 12,71,276-0
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CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respective schedule of rates.

Contractor

Town Officer
Town Committee Warah

TECH OF THE TOWN COMMITTEE WARAH



TRICT KAMBER SHAHDADKOT

WARD BIDDING DOCUMENT PROCUREMENT OF WORKS

OF CONTRACTOR

OF WORK

**CONSTRUCTION OF CC DRAINS, CC BLOCK IN
WARD NO. 03 TOWN WARAH**

NIT SR: NO: 03

Standard Bidding Document

provided as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

Information of the bidding documents should provide the information necessary for bidders to prepare valid 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.

Terms governing the performance of the contract or payments under the contract, or matters effecting the rights and obligations of the parties under the Contract are included as conditions of contract and attached hereto.

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

Any work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid amount. The interested bidder must have valid NTN also.

Content of Bidding Documents must include but not limited to Conditions of Contract, Contract form, Specifications or its reference, Bill of Quantities containing description of items with schedule premium to be filled in form of percentage above / below or on item rates to be awarded, form of Agreement and drawings.

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 the contract.

The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of M.P.R Rule 2010.

Conditional Officer:- 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 Schedule items, shall be framed. Tenders which proposed 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 any 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.

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

the works shall be measured by standard instructions according to the rules.

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

Bids received by the Agency after the deadline for submission of bids shall be rejected and shall not be opened to the bidders.

On the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

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

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.

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 will be 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.

If there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

FOR SIGNATURE

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

ATTRACTOR:-

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

Executive / Procuring Agency	Town Committee Warah.
Description of Work	Construction of CC Drain, CC Block in Ward No. 03. Of Town Warah .
Executing Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 2.000 (million)
Amount of Bid Security:-	
(a) In lump sum amount or in % age of bid amount	02%
(b) (a) not exceeding 5%	
(c) Bid Validity (days)	60 Days (Not more than Sixty Days)
(d) Security Deposit:	
(e) % age of bid amount / estimated cost equal to	
(f) % age, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
(g) Date for submission of Bids along with Time	15-04-2016, 2:00 pm
(h) Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
(i) Time for completion from written order of	
(j) Period	06 Months
(k) Liquidity damages:-	
(l) % of Estimated Cost or Bid Cost per day of	Nil
(m) (l) but total not exceeding 10%)	

(n) Cash Receipt	No:	Dated
	Amount Rs:	of
(o) Cash Receipt	No:	Dated
	Rs:	
(p) Part A	Part A	
(q) Part B	Part B	

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

Commencement and Completion Dates of work. The contractor shall not enter upon or carry any portion or work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate specified 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 1% per cent of the contract price. Agency may deduct liquidated damages from payments due to contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Termination of the Contract.

The Agency / Executive Engineer, may terminate the contract if either of the following conditions are fulfilled.

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

Executive Engineer / Procuring Agency has power to adopt any of the following courses as may be deemed fit.

- (i) Retain the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (ii) Continue the work by measuring the work done by the contractor

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

In the event of any of the above courses being adopted by the Executive Engineer / Procuring Agency the contractor shall have

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 advance on account of which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

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

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

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own desire before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any event (which hinders the execution of contract) 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 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 Specification. The contractor shall execute the whole and every part of the work in the substantial and workmanlike manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by both parties, the said specification being a part of contract. The contractor shall also confirm and comply fully and faithfully to the designs, drawings, and instructions in writing relating to the work issued by the Executive 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 the progress of the work and the contractor shall, if he so requires, be entitled at his own expense to cause to be made copies of the specifications and of all such designs drawings, and drawings as aforesaid.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Clause-7 Payments

Clause-7a Running Bill. A bill shall be submitted by the contractor as the progress of the work proceeds 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 within 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 shall forward 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 shall be considered due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

Each intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory work items pointed out to him during defect liability period.

Clause-7b 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 certificate of the measurement and of the 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 the bill.

Clause-9 Issuance of Variation and Repeat Orders.

The Agency may issue a variation Order for procurement of works physical services from the original contract 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, or to alter the general scope and physical boundaries of the contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation and shall be subject to the limit not exceeding the contract cost by of 15% on the same conditions, in the same quantities on which he agreed to do them in the work, and at the same rates, as are specified in the contract for the main work. The contractor has no right to claim for compensation by reason of variations or curtailment of the work.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

If the nature of the work in the variation does not correspond with items in the Bill of Materials, the quotation by the contractor is to be in the form of new rates for the relevant items of work. If the Engineer-In-Charge is satisfied that the rate quoted is within the rate worked out by the standard rate analysis, and then only he shall allow him that rate after approval from higher authorities.

The time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

If quantities of work executed result the Initial contract price to be exceeded by more than 15% then Engineer can adjust the rates for those quantities causing excess the cost of contract and after approval of Superintending Engineer.

Final Order; Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

4. Quality Control.

Testing Defects: If at any time before the security deposit is refunded to the contractor / during the 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 shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct the work specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Rectified Defects:

In 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 cost in all respects of the contractor.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Access to the site for supervision and inspection of works. The Engineer and his subordinates, shall at all responsible 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 same access.

Access for Inspection and Testing. The Engineer shall give the contractor responsible notice of the time when 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 person duly accredited in writing present for that purpose. orders given to the contractor's duly accredited person shall be considered to have the same force and effect as if they had been given to the Engineer himself.

Examination of work before covering up.

Any part of the works shall be covered up or put out of view / beyond the reach without giving notice to the Engineer, at least five days to the Engineer, whenever any such part of the works or foundations is or are about to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and testing such part of the works or of examining such foundations.

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 allowance shall be made for such work, or for the materials with which the same was constructed.

Risks. The contractor shall be responsible for all risks of loss of or damage to physical property, plant, facilities or related services at the premises and of personal injury and death which arise 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 acceptance. The contractor shall make good the same at his own expense, or in default the Engineer shall cause the same to be made good by other workmen, and deduct the expenses from retention money held by the Engineer.

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

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

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

16 Disputes. All disputes arising in connection with the present contract, and which cannot be settled between the parties, the decision of the Superintending Engineer, of the circle / office / zone higher to awarding authority shall be final conclusive and binding on all parties to the contract. On all questions relating to the meaning of the specifications, designs, drawings, and materials hereinbefore mentioned and as to the quality of workmanship or materials used on the work or on any other questions specifications, estimates, instructions, orders or these conditions or any other concerning the works, or the execution, of the failure to execute the same, whether arising during progress of the work, or after the completion or abandonment thereof.

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. No 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 other facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the provisions of this clause then Engineer-in-charge, may at the expense of the contractor remove the same 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 left over except for any sum actually realized by the sale thereof.

18 Financial Assistance / Advance Payment

Retention Advance is not allowed.

Secured Advance against material brought at site.

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

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

1.3 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.

1.4 Refund of Security Deposit / Retention Money. On completion of the whole of the works the work should be considered as complete for the purpose of refund of security deposit to a contractor on the date on which its final measurements are checked by a competent authority, if such check is made more than 30 days (or any other period may otherwise from the last date of recording the final measurements) the defects notice is also passed and the Engineer has certified that all defects notified to the contractor before the expiry of this period have been corrected, the security deposit lodged by a contractor (in cash or by way of bill installments from his bills) shall be refunded to him after the expiry of three month from the date on which the work is complete.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Section and Rate of Items based on Composite Schedule of Rates

[illegible]

% above / below on the Rates of CSR.

Total Part B

the A+B in words and figures.

... (REACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Description and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (B)

(- FACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Kind of work: Construction of C. C. drains & C.C blocks, in Ward No. 03 Town Warah

For A/C: **Own Source (O.Z.T Share)**

S. No.	Item of work	Rate	Unit	Amount
<u>1. C.C DRAINS</u>				
	Excavation in foundation of building bridges and other structures i/c dag belling and refilling around the structures with excavated Earth Watering ramming up to 5ft in ordinary Soil <u>(G.S.I – 18/P/4)</u>			
1.00 Cft	@ Rs. 3176.25	P%0Cft	Rs.	10,275-0
	Cement Concete plain i/c placing Compacting finishing and curing complete i/c washing and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
1.00 Cft	@ Rs. 11288.75	P% Cft	Rs.	84,440-0
	Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to design profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1/2" thick to expose surface faces finished smooth curing complete as per drawing in <u>(P.H.S.I – 1 No. DP/44)</u>			
1.00 Rft.	@ Rs. 94.00	P. Rft	Rs.	47,000-0
1.00 Rft.	@ Rs. 174.00	P. Rft	Rs.	78,300-0
	Laiden Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(G.S.I – 4/P/24)</u>			
1.50 Cft	@ Rs. 11948.36	P% Cft	Rs. 2,	10,590-0
	Cement Plaster (1:4) up to 20' height 1/2" thick <u>(G.S.I – 11/P/57)</u>			
1.00 Cft	@ Rs. 2283.93	P% Cft	Rs.	70,231-0
	R.C Work i/c all labour and material except the cost f steel reinforcement and its bending and biding which will be paid separately. This rate also includes all kinds of moulds lifting shuttering curing rendering and finishing the exposed surface i/c washing and washing of shingle (a) R.C work in roof slab members laid in situ or precast in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 1/2" gauge. <u>(G.S.I – 1-6/P/17)</u>			
1.00 Cft	@ Rs. 337.00	P. Cft	Rs.	40,440-0
	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying position making joints and fastening i/c cost of binding wire alo includes removal of rust in bars <u>(G.S.I – 7 (ii)(a)P/19)</u>			
1.00	@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

Cement concrete plain i/c Placing compacting finishing and curing complete i/c washing and washing of stone aggregate without shuttering Ratio 1:2:4 (G.S.I – 3/P/17)			
150.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 19,495-0
			Rs. 5,77,677-0
Supplying & Fixing M.S Iron Board Size (3.0x3.50)(Approved Rate)			
10.00	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 5,81,677-0
CC BLOCK			
Narrow Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I – 3/P/1)			
155.00 Cft	@ Rs. 2117.50	P%0Cft	Rs. 21,736-0
Earth Work compaction (soft, ordinary of hard soil) laying earth in 6" thick layers rolling and dressing etc completed (G.S.I – 3/P/4)			
14500.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 4,779-0
Extra lead for every 50' ft additional lead or part thereof.			
155.00 Cft	@ Rs. 5039.00	P%0Cft	Rs. 51,725-0
Cement concrete bricks or stone ballest ½" to 2" gauge Ratio 1:4:8 (G.S.I – 4/P/17)			
121.00 Cft	@ Rs. 9416.25	P% Cft	Rs. 2,79,664-0
C.C Plain Ratio 1:4:8			
1250.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 3,24,658-0
Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2 nd class)(b)for partial wood (vertical)			
15.00 Cft	@ Rs. 3127.41	P% Sft	Rs. 7,037-0
		Total: -	Rs. 6,89,599-0

GENERAL ABSTRACT

01.	CC Drains	Rs. 5,81,677-0
02.	CC Blocks	Rs. 6,89,599-0
	G. Total: -	Rs. 12,71,276-0

CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respective schedule of rates.

Contractor

Town Officer
Town Committee Warah

SECTION OF THE TOWN COMMITTEE WARAH



TRIGT KAMBER SHAHDADKOT

WARD BIDDING DOCUMENT PROCUREMENT OF WORKS

CONTRACTOR

WORK

**CONSTRUCTION OF CC DRAINS, CC BLOCK
FROM VAN STAND UPTO DR. LATIF KALHORO
CLINIC, VAI BADAR BURIRO, VIA JURIAL
CHHUTTO, VIA POST OFFICE IN WARD NO. 04
TOWN WARAH**

NIT SR: NO: 04

Standard Bidding Document

is used as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

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

Terms and conditions relating to the performance of the contract or payments under the contract, or matters effecting completion, and obligations of the parties under the Contract are included as conditions of contract documents.

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

Work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid amount. The interested bidder must have valid NTN also.

Part of Bidding Documents must include but not limited to Conditions of Contract, Contract Specifications or its reference, Bill of Quantities containing description of items with appropriate premium to be filled in form of percentage above / below or on item rates to be included in form of Agreement and drawings.

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

Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of C.P.D. Rule 2010.

Conditional Officer:- 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 Schedule items shall be framed. Tenders which proposed any alternative in the works specified in the form of invitation to tender or in the time.

Tender for carrying out the work, or which contain any other conditions, will be liable to be rejected. 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. Envelope containing the tender documents shall refer the name and number of the work.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

the works shall be measured by standard instructions according to the rules.

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

Bid received by the Agency after the deadline for submission of bids shall be rejected and shall not be opened to the bidders.

Before the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

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

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.

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 be 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.

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

(DIRECTOR)

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TOWN COMMITTEE WARAH

BIDDING DATA

FACTORS:-

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

Procuring Agency	Town Committee Warah.
Description of Work	Construction of CC Drain, CC Block from Van Stand upto Dr. Latif Clinic, via Badar Buriro, via Jurial Chhutto, via Post Office in Ward No. 04. Of Town Warah.
Procuring Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 5.000 (million)
Form of Bid Security:-	
Sum amount or in % age of bid amount	02%
Not to exceed (not, but not exceeding 5%)	
Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
Form of Deposit	
Sum of bid amount + estimated cost equal to	
Percentage of any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
Date of Submission of Bids along with Time	15-04-2016, 2:00 pm
Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Period of completion from written order of execution	06 Months
Penalty damages:-	
Sum of Estimated Cost or Bid Cost per day of delay (not total not exceeding 10%)	Nil
Signature of (Receipt)	No: _____ Dated _____
	Amount Rs: _____ of _____
Signature of (Contractor)	No: _____ Dated _____
	Rs: _____
Part A Initiated by Contractor	Part A
	Part B

(Signature)

**ENGINEER
TOWN COMMITTEE WARAH**

CONDITIONS OF CONTRACT

1.2 Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion of work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

1.3 Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate 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 contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Termination of the Contract.

The Agency / Executive Engineer, may terminate the contract if either of the following conditions are satisfied:-

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

The Executive Engineer / Procuring Agency has power to adopt any of the following courses as may be deemed fit:-

- (i) Retain the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (ii) Utilize the work by measuring the work done by the contractor

(CONTRACTOR)

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in event of any of the above courses being adopted by the Executive Engineer / Procuring Agency, the contractor shall have

No claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials, or entered into any engagements or made any advance on account of which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

Procuring Agency / Executive 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 the work on account of any acquisition of land, water standing in borrow pits / compartments or for obtaining sanction to estimates. In such case, either date of commencement will be changed or the completion is to be extended accordingly.

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own desire, before the date of completion or on desire of the contractor or on desire of the contractor extending the intended completion date, if any event (which hinders the execution of contract) occurs a variation order is issued with 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 course of this 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 Specification. The contractor shall execute the whole and every part of the work in the substantial and work man like manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by the Engineer-in-charge, the said specification being a part of contract. The contractor shall also confirm and comply and faithfully to the designs, drawings, and instruction in writing relating to the work issued by the Executive 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 the progress of the work and the contractor shall, if he so requires, be entitled at his own expense to have made copies of the specifications and of all such designs drawings, and drawings as aforesaid.

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TOWN COMMITTEE WARAH

10.10 Payments

10.10.1 On / Running Bill. A bill shall be submitted by the contractor as the progress of the work 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 within the expiry of ten days from the presentation of the bill at any time depute a subordinate to view up the said work in the presence of the contractor or his authorized agent, whose signature to the measurement list will be sufficient to warrant and the Engineer-In-Charge shall sign 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 includes due and payable in respect thereof, subject to deduction of security deposit, advance (if any) made to him and taxes.

The immediate payment shall be regarded as payments by way of advance against the final bill and not as payments for work actually done and completed, and shall not preclude the Engineer-In-Charge from recoveries from final bill and ratification of defects and unsatisfactory works pointed out to him during defect liability period.

10.10.2 Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the amount payable for the works shall be final and binding on all parties.

10.10.3 Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-In-Charge may make payment on account of such items at such reduced rates as he may deem reasonable in the preparation of final or on running account bills with reasons recorded in the bill.

10.11 Issuance of Variation and Repeat Orders.

The Engineer may issue a variation Order for procurement of works physical services from the original contract to cover any increase or decrease in quantities including the introduction of new work or alterations either due to change of plans, design or alignment to suit actual field conditions, or to alter the general scope and physical boundaries of the contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation and is subject to the limit not exceeding the contract cost by of 15% on the same conditions, in the same manner as on which he agreed to do them in the work, and at the same rates, as are specified in the contract for the main work. The contractor has no right to claim for compensation by reason of delay or curtailment of the work.

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that the nature of the work in the variation does not correspond with items in the Bill of Materials, the quotation by the contractor is to be in the form of new rates for the relevant items of work. If the Engineer-In-Charge is satisfied that the rate quoted is within the rate worked out by the detailed rate analysis, and then only he shall allow him that rate after approval from higher authorities.

Time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

- 2. If the increase of quantities of work executed result the Initial contract price to be exceeded by more than 15% then Engineer can adjust the rates for those quantities causing excess the cost of contract to be within 15% after approval of Superintending Engineer.

3. Variation: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

10. Quality Control.

Identifying Defects: If at any time before the security deposit is refunded to the contractor / during the warranty period mentioned in bid data, the Engineer-In-charge or his subordinate-in-charge of 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 shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct the work as specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Unrectified Defects:

In case of any such failure, the Engineer-In-Charge shall give the contractor at least 14 days written intention to use a third party to correct a defect. He may rectify or remove, and re-execute or may 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.

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

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TOWN COMMITTEE WARAH

Access to the site for supervision and inspection of works. The Engineer and his subordinates, shall at all responsible 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 same access.

Access for Inspection and Testing. The Engineer shall give the contractor responsible notice of the time when 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 person accredited in writing present for that purpose, orders given to the contractor's duly accredited agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

4.3 Examination of work before covering up.

Every part of the works shall be covered up or put out of view / beyond the reach without giving notice of more than five days to the Engineer, whenever any such part of the works or foundations is or are about to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and testing such part of the works or of examining such foundations.

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 constructed.

Liability for risks. The contractor shall be responsible for all risks of loss of or damage to physical property, facilities or related services at the premises and of personal injury and death which arise 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 payment and the contractor shall make good the same at his own expense, or in default the Engineer shall cause the same to be made good by other workmen, and deduct the expenses from retention money owing with the Engineer.

4.4 Measures for prevention of fire and safety measures. The contractor shall not set fire to any dry jungle, trees, bush wood or grass without a written permit from the Executive Engineer. If a permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood or any other material by fire the contractor shall take necessary measures to prevent such fire spreading to any other fire damaging surrounding property. The contractor is responsible for the safety of all its employees and providing 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.

_____(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

15 Sub-contracting. The contractor shall not subcontract the whole of the works, except 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 obligation under the contract and he shall be responsible for the acts, defaults and neglects of his contractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents servants or workman. The provisions of this contract shall apply to such contractor or his employees as if he or it were employees of the contractor.

16 Disputes. All disputes arising in connection with the present contract, and which cannot be settled between the parties, the decision of the Superintending Engineer, of the circle / office / division 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 conditions, hereinbefore mentioned and as to the quality of workmanship or materials used on the works or to any other questions specifications, estimates, instructions, orders or these conditions or the execution, of the failure to execute the same, whether arising before or after the progress of the work, or after the completion or abandonment thereof.

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. No 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 other 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 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 left on site except for any sum actually realized by the sale thereof.

18 Financial Assistance / Advance Payment

Utilization Advance is not allowed.

Secured Advance against material brought at site.

Advance may be permitted only against imperishable materials / quantities anticipated to be 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 materials on site shall not exceed 75% of the market price of materials.

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

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TOWN COMMITTEE WARAH

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.

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

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Application and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (A)

% above / below on the Rates of CSR.

To be added / deducted on the basis of premium quoted **Total Part B**

Rs. A+B in words and figures.

(Signature)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Value and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			
		Amount Total (B)		

(FACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Line of work: - Construction of C. C. drains & C.C blocks, from Van Stand upto Dr. Abdul Latif Kalhoro Clinic Via Badar Buriro, Via Jurial Chhutto, Via Post Office in Ward No. 04 Town Warah

Material A/C: **Own Source (O.Z.T Share)**

Sl. No.	Item of work	Rate	Unit	Amount
<u>SECTION - I CC DRAINS</u>				
	Excavation in foundation of building bridges and other structures i/c dag belling and refilling around the structures with excavated Earth Watering ramming up to 5ft in ordinary Soil <u>(G.S.I – 18/P/4)</u>			
100.00 Cft	@ Rs. 3176.25	P%0Cft	Rs.	26,538-0
	Cement Concete plain i/c placing Compacting finishing and curing complete i/c cleaning and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
100.00 Cft	@ Rs. 11288.75	P% Cft	Rs.	2, 19,792-0
	Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to 1/2" thick profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1/2" thick to expose surface faces finished smooth curing complete as per drawing <u>(P.H.S.I – 1 No. DP/44)</u>			
100.00 Rft.	@ Rs. 94.00	P. Rft	Rs.	1, 41,000-0
100.00 Rft.	@ Rs. 174.00	P. Rft	Rs.	1, 82,700-0
	Parca Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(G.S.I – 4/P/24)</u>			
100.00 Cft	@ Rs. 11948.36	P% Cft	Rs.	5, 51,118-0
	Cement Plaster (1:4) up to 20' height 1/2" thick <u>(G.S.I – 11/P/57)</u>			
100.00 Cft	@ Rs. 2283.93	P% Cft	Rs.	1, 86,711-0
	R.C.C Work i/c all labour and material except the cost f steel reinforcement and its cost for bending and biding 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 cleaning and washing of shingle (a) R.C work in roof slab members laid in situ or precast in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 1/2" gauge. <u>(G.S.I – 1-6/P/17)</u>			
100.00 Cft	@ Rs. 337.00	P. Cft	Rs.	50,550-0
	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying position making joints and fastening i/c cost of binding wire alo includes removal of rust from bars <u>(G.S.I – 7 (ii)(a)P/19)</u>			
100 Cwt	@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

2. Cement concrete plain i/c Placing compacting finishing and curing complete i/c
cleaning and washing of stone aggregate without shuttering Ratio 1:2:4
(G.S.I-5 P/17)

14.19 Cft	@ Rs. 14429.25	P% Cft	Rs. 28,352-0
			Rs. 14, 03,667-0

3. Supplying & Fixing M.S Iron Board Size (3.0x3.50)(Approved Rate)

1 No	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 14, 07,667-0

4. BLOCK

1. Narrow Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I – 3/P/1)

500 Cft	@ Rs. 2117.50	P%0Cft	Rs. 55,362-0
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2. Earth Work compaction (soft, ordinary or hard soil) laying earth in 6" thick layers
rolling and dressing etc completed (G.S.I – 3/P/4)

500.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 12,213-0
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3. Extra lead for every 50' ft additional lead or part thereof.

15145.00 Cft	@ Rs. 5039.00	P%0Cft	Rs. 1, 31,745-0
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4. Cement concrete ricks or stone ballest ½" to 2" gauge Ratio 1:4:8 (G.S.I – 4/P/17)

900.00 Cft	@ Rs. 9416.25	P% Cft	Rs. 7, 14,696-0
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5. Plain Ratio 1:4:8

800.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 8, 29,682-0
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6. Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2nd
class)(h)for partial wood (vertical)

170.00 Cft	@ Rs. 3127.41	P% Sft	Rs. 17,983-0
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Total: -	Rs. 17, 61,681-0
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GENERAL ABSTRACT

01	CC Drains	Rs. 14, 07,677-0
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02	CC Blocks	Rs. 17, 61,681-0
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G. Total: -	Rs. 31, 69,348-0
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CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respectively schedule of rates.

Contractor

Town Officer
Town Committee Warah

NOT OF THE TOWN COMMITTEE WARAH



MR. KAMBER SHAHDAD KOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

CONTRACTOR

OF WORK

**CONSTRUCTION OF CC DRAINS, CC BLOCK IN
WARD NO. 05 TOWN WARAH**

NIT SR: NO: 05

Standard Bidding Document

This is a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of materials) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

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

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3. Conditions to Bidders will not be part of the Contract and will cease to have effect once the Contract is signed.

4. 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 in any 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 printing documents and bid security either in lump sum or percentage of Estimated Cost / Bid amount. The interested bidder must have valid NTN also

5. Content of Bidding Documents must include but not limited to Conditions of Contract, Contract Specifications or its reference, Bill of Quantities containing description of items with schedule premium to be filled in form of percentage above / below or on item rates to be quoted, form of Agreement and drawings.

Fixed Price Contracts:- The Bid prices and rates are fixed during currency of contract and under not circumstance shall any contractor be entitled to claim enhanced rates for any item in the contract.

6. Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of Section 30 of PWD Act 2010.

Conditional Officer:- Any person who submits a tender shall fill up the usual printed form and put 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 Schedule items shall be framed. Tenders which proposed any alternative in the works specified in the Bill form of invitation to tender or in the time.

7. Tender 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.

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A bid received by the Agency after the deadline for submission of bids shall be rejected and remained unopened to the bidders.

Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

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

(DIRECTOR)

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

TO CONTRACTOR:-

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

Name of Procuring Agency	Town Committee Warah.
Description of Work	Construction of CC Drain, CC Block in Ward No. 05. Of Town Warah .
Procuring Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 2.000 (million)
Amount of Bid Security:-	
1. As a lump sum amount or in % age of bid amount	02%
2. Estimated cost, but not exceeding 5%)	
Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
Security Deposit:-	
1. As a % of bid amount / estimated cost equal to	
2. Percentage, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
Deadline for submission of Bids along with Time	15-04-2016, 2.00 pm
Location, Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Period for completion from written order of	
1. As a %	06 Months
2. As a %	
Penalty damages:-	
1. As a % of Estimated Cost or Bid Cost per day of	Nil
2. As a % of Estimated Cost or Bid Cost per day of	
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Security Deposit Receipt	No: _____	Dated _____
	Amount Rs: _____	of _____
Signature	No: _____	Dated _____
	Rs: _____	
As quoted by Contractor	Part A	
	Part B	

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion of work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

42. Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate as 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 five 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.

43. Termination of the Contract.

The Procuring Agency / Executive Engineer, may terminate the contract if either of the following conditions exist:-

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

The Executive Engineer / Procuring Agency has power to adopt any of the following courses as may

- (i) Retain the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (ii) Finalize the work by measuring the work done by the contractor

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

content of any of the above courses being adopted by the Executive Engineer / Procuring Agency Contractor shall have

no claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials, or entered into any engagements or made any advance on account of or which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

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

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

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own instance, before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any 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 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 Specification. The contractor shall execute the whole and every part of the work in the substantial and workmanlike manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by both parties, the said specification being a part of contract. The contractor shall also confirm to comply fully and faithfully to the designs, drawings, and instructions in writing relating to the work issued by the Executive 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 take or cause to be made copies of the specifications and of all such designs drawings, and instructions as aforesaid.

(SIGNATURE)

ENGINEER
TOWN COMMITTEE WARAH

14.1 Payments

Interim / Running Bill. A bill shall be submitted by the contractor as the progress of the work certify for all work executed and not included in any previous bill at least once in a month and the Executive 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 within the expiry of ten days from the presentation of the bill at any time depute a subordinate to view up the said work in the presence of the contractor or his authorized agent, whose signature to the measurement list will be sufficient to warrant and the Engineer-In-Charge shall issue 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 includes due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

Any intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory works pointed out to him during defect liability period.

Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the amount payable for the works shall be final and binding on all parties.

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 deem reasonable in the preparation of final or on running account bills with reasons recorded in the bill.

14.2 Issuance of Variation and Repeat Orders.

The Engineer may issue a variation Order for procurement of works physical services from the original contract to cover any increase or decrease in quantities including the introduction of new work items and are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation being subject to the limit not exceeding the contract cost by of 15% on the same conditions, in the rates on which he agreed to do them in the work, and at the same rates, as are specified in the bill for the main work. The contractor has no right to claim for compensation by reason of delay or curtailment of the work.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

When the nature of the work in the variation does not correspond with items in the Bill of Materials, the quotation by the contractor is to be in the form of new rates for the relevant items of work. If the Engineer-In-Charge is satisfied that the rate quoted is within the rate worked out by a detailed rate analysis, and then only he shall allow him that rate after approval from higher authorities.

Time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

If the quantities of work executed result the Initial contract price to be exceeded by more than 15%, the Engineer can adjust the rates for those quantities causing excess the cost of contract work after approval of Superintending Engineer.

Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

4.10: Quality Control.

Rectifying Defects: If at any time before the security deposit is refunded to the contractor / during the 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 to contain a defect due to use of unsound materials or unskillful workmanship and the contractor shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct the work as specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Corrected Defects:

In 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 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.

If the Engineer-In-Charge considers that rectification / correction of a defect is not essential and it may be expedient, his use of it shall be within his direction to accept the same at such reduced rates as he may determine.

(Signature of CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

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 same.

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 same.

12 Examination of work before covering up.

Part of the works shall be covered up or put out of view / beyond the reach without giving notice of more than five days to the Engineer, whenever any such part of the works or foundations is or are about to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and measuring each part of the works or of examining such foundations.

If 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 allowance shall be made for such work, or for the materials with which the same was constructed.

13 Risks. The contractor shall be responsible for all risks of loss of or damage to physical property, facilities or related services at the premises and of personal injury and death which arise out of or 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 acceptance, the contractor shall make good the same at his own expense, or in default the Engineer shall require the same to be made good by other workmen, and deduct the expenses from retention money held with the Engineer.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

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

17. 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 / office / 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 documents, hereinbefore mentioned and as to the quality of workmanship or materials used on the work and to any other questions specifications, estimates, instructions, orders or these conditions or variations concerning the works, or the execution, of the failure to execute the same, whether arising before or after the progress of the work, or after the completion or abandonment thereof.

18. 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, and no 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 disposal. San 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 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 disposed except for any sum actually realized by the sale thereof.

19-18 Financial Assistance / Advance Payment

19.18.1 Retention Advance is not allowed.

19.18.2 Advance against material brought at site.

Secured advance may be permitted only against imperishable materials / quantities anticipated to be required / 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 materials on site shall not exceed 75% of the market price of materials.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

B 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.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

4.3.4.1.1. Calculation and Rate of Items based on Composite Schedule of Rates

[illegible]

..... % above / below on the Rates of CSR.

to be added / deducted on the basis of premium quoted **Total Part B**

iii) $A+B$ in words and figures.

(FACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Quantities and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			

Amount Total (B)

Contractor)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Item of work: Construction of C. C. drains & C.C blocks, in Ward No. 05 Town Warah

Source of A/C: Own Source (O.Z.T Share)

S. No.	Item of work	Rate	Unit	Amount
<u>1. C.C DRAINS</u>				
	Excavation in foundation of building bridges and other structures i/c dag belling allowing refilling around the structures with excavated Earth Watering ramming up to 5ft in ordinary Soil <u>(G.S.I – 18/P/4)</u>			
100 Cft	@ Rs. 3176.25	P%0Cft	Rs.	10,275-0
	Cement Concete plain i/c placing Compacting finishing and curing complete i/c sieving and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
80 Cft	@ Rs. 11288.75	P% Cft	Rs.	84,440-0
	Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to design profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1/2" thick to expose surface faces finished smooth curing complete as per drawing per <u>(P.H.S.I – 1 No. DP/44)</u>			
500 Rft.	@ Rs. 94.00	P. Rft	Rs.	47,000-0
500 Rft.	@ Rs. 174.00	P. Rft	Rs.	78,300-0
	Pacca Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(G.S.I – 4/P/24)</u>			
1550 Cft	@ Rs. 11948.36	P% Cft	Rs.	2, 10,590-0
	Cement Plaster (1:4) up to 20' height 1/2" thick <u>(G.S.I – 11/P/57)</u>			
30 Cft	@ Rs. 2283.93	P% Cft	Rs.	70,231-0
	R.C. Work i/c all labour and material except the cost f steel reinforcement and its charge for bending and biding 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 sieving and washing of shingle (a) R.C work in roof slab members laid in situ or precast and in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 1/2" to 3/4" gauge. <u>(G.S.I – 1-6/P/17)</u>			
120 Cft	@ Rs. 337.00	P. Cft	Rs.	40,440-0
	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying position making joints and fastening i/c cost of binding wire alo includes removal of rust on bars <u>(G.S.I – 7 (ii)(a)P/19)</u>			
30 Cwt	@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

2. Cement concrete plain i/c Placing compacting finishing and curing complete i/c
 forming and washing of stone aggregate without shuttering Ratio 1:2:4
(G.S.I – 3/P/17)

17.11 Cft	@ Rs. 14429.25	P% Cft	Rs. 19,495-0
			Rs. 5, 77,677-0

3. Supplying & Fixing M.S Iron Board Size (3.0x3.50)(Approved Rate)

No	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 5, 81,677-0

CC BLOCK

4. Barrow Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I – 3/P/1)

15.00 Cft	@ Rs. 2117.50	P%0Cft	Rs. 21,736-0
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5. Backfilling with Work compaction (soft, ordinary or hard soil) laying earth in 6" thick layers
 forming and dressing etc completed (G.S.I – 3/P/4)

12.00.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 4,779-0
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6. Extra lead for every 50' ft additional lead or part thereof.

1255.00 Cft	@ Rs. 5039.00	P%0Cft	Rs. 51,725-0
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7. Cement concrete bricks or stone balrest 1/2" to 2" gauge Ratio 1:4:8 (G.S.I – 4/P/17)

170.00 Cft	@ Rs. 9416.25	P% Cft	Rs. 2, 79,664-0
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8. Plain C.C Plain Ratio 1:4:8

150.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 3, 24,658-0
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9. Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2nd
 class)(b)for partial wood (vertical)

145.00 Cft	@ Rs. 3127.41	P% Sft	Rs. 7,037-0
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Total: -	Rs. 6, 89,599-0
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GENERAL ABSTRACT

01.	CC Drains	Rs. 5, 81,677-0
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02.	CC Blocks	Rs. 6, 89,599-0
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G. Total: -	Rs. 12, 71,276-0
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CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respectively schedule of rates.

Contractor

Town Officer
 Town Committee Warah

POST OFFICE TOWN COMMITTEE WARAH



NIGT KAMBER SHAHDADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

WORK

**CONSTRUCTION OF CC DRAINS, CC BLOCK IN
WARD NO. 06 TOWN WARAH**

NIT SR: NO: 06

Standard Bidding Document

Issued as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

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

Matters concerning the performance of the contract or payments under the contract, or matters effecting the rights, and obligations of the parties under the Contract are included as conditions of contract Form Data

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

Work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid cost. The interested bidder must have valid NTN also

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 schedule premium to be filled in form of percentage above / below or on item rates to be noted, form of Agreement and drawings.

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

The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of MPR Rule 2010.

Conditional Officer:- Any person who submits a tender shall fill up the usual printed form giving 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 Schedule items shall be framed. Tenders which proposed any alternative in the works specified in the usual 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.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

- 10. All works shall be measured by standard instructions according to the rules.
- 11. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
- 12. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidders.
- 13. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
- 14. Bids without bid security of required amount and prescribed form shall be rejected.
- 15. Bids determined to be substantially responsive shall be checked for any arithmetic errors and clerical 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 be corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the total cost shall prevail and the total bid amount shall be corrected.
 - c. If there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

CONTRACTOR:-

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

Executive Procuring Agency	Town Committee Warah.
Description of Work	Construction of CC Drain, CC Block in Ward No. 06. Of Town Warah .
Executive Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 2.000 (million)
Amount of Bid Security:-	
As lump sum amount or in % age of bid amount	02%
Retained cost, but not exceeding 5%)	
Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
Security Deposit:-	
As % age of bid amount / estimated cost equal to	
Percentage, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
Deadline for submission of Bids along with Time	15-04-2016, 2.00 pm
Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Period for completion from written order of	
Commence	06 Months
Penalty, damages:-	
As % Estimated Cost or Bid Cost per day of	Nil
(But total not exceeding 10%)	

Deposit Receipt	No:	Dated
	Amount Rs:	of
Contract	No:	Dated
	Rs:	
Signed by Contractor	Part A	
	Part B	

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

1. Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion or work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate as may be 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.

1.5 Termination of the Contract.

The Procuring Agency / Executive Engineer, may terminate the contract if either of the following conditions exist:-

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

The Procuring Agency / Executive Engineer has power to adopt any of the following courses as may be decided:-

- (i) 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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

In the event of any of the above courses being adopted by the Executive Engineer / Procuring Agency the contractor shall have

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 advance on account of or which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

Procuring Agency / Executive 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 stipulated in the contract data no compensation shall be allowed for any delay caused in starting the work on account of any acquisition of land, water standing in borrow pits / compartments or any other sanction to estimates. In such case, either date of commencement will be changed or date of completion is to be extended accordingly.

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own initiative, before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any event (which hinders the execution of contract) arises 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 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 Specification. The contractor shall execute the whole and every part of the work in the substantial and workmanlike manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by both parties, the said specification being a part of contract. The contractor shall also confirm and comply fully and faithfully to the designs, drawings, and instructions in writing relating to the work issued by the Executive 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 the progress of the work and the contractor shall, if he so requires, be entitled at his own expense to have made copies of the specifications and of all such designs, drawings, and instructions as aforesaid.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Clause-7 Payments

Interim / Running Bill. A bill shall be submitted by the contractor as the progress of the work to justify for all work executed and not included in any previous bill at least once in a month and the Executive 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 within 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 signature to the measurement list will be sufficient to warrant and the Engineer-In-Charge shall 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.

Each intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory items of works pointed out to him during defect liability period.

Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the amount payable for the works shall be final and binding on all parties.

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 the bill.

Clause-8 Issuance of Variation and Repeat Orders.

The 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 contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation being subject to the limit not exceeding the contract cost by of 15% on the same conditions, in 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 increase or curtailment of the work.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

also the nature of the work in the variation does not correspond with items in the Bill of Materials, 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 the detailed rate analysis, and then only he shall allow him that rate after approval from higher authorities.

Time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

If the quantities of work executed result the Initial contract price to be exceeded by more than 15% then Engineer can adjust the rates for those quantities causing excess the cost of contract not 15% after approval of Superintending Engineer.

Contract Order; Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

4.10: Quality Control.

Notifying Defects: If at any time before the security deposit is refunded to the contractor / during the 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 shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct as so specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Corrected Defects:

In case of any such failure, the Engineer-In-Charge shall give the contractor at least 14 days written intention to use a third party to correct a defect. He may rectify or remove, and re-execute it 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.

If the Engineer, considers that rectification / correction of a defect is not essential and it may be deemed made use of it shall be within his direction to accept the same at such reduced rates as he may deem fit.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Section of Operations. The Engineer and his subordinates, shall at all responsible 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 same access.

Access for Inspection and Testing. The Engineer shall give the contractor responsible notice of the time 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 person duly accredited in writing present for that purpose. orders given to the contractor's duly accredited agent shall be considered to have the same force and effect as if they had been given to the Engineer himself.

Clause-12 Examination of work before covering up.

Any part of the works shall be covered up or put out of view / beyond the reach without giving notice of more than five days to the Engineer, whenever any such part of the works or foundations is or are about to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and inspecting such part of the works or of examining such foundations.

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 made.

Clause-13 Risks. The contractor shall be responsible for all risks of loss of or damage to physical property, facilities or related services at the premises and of personal injury and death which arise in the direct 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 shall 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 kind of jungle, trees, bush wood or grass without a written permit from the Executive Engineer, and when such permit is given, and also in all cases when destroying, cutting or uprooting trees, bushes, etc by fire the contractor shall take necessary measures to prevent such fire spreading to and otherwise damaging surrounding property. The contractor is responsible for the safety of all its employees including protection of the environment on and off the site. Compensation of all damage done accidentally or unintentionally on or off the site by the contractor's labour shall be paid by him.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

10. **Sub-contracting.** The contractor shall not subcontract the whole of the works, except 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 obligation under the contract and he shall be responsible for the acts, defaults and neglects of subcontractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents servants or workman. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

11. **Disputes.** All disputes arising in connection with the present contract, and which cannot be settled between the parties, the decision of the Superintending Engineer, of the circle / office / zone 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 materials, hereinbefore mentioned and as to the quality of workmanship or materials used on the work or to any other questions specifications, estimates, instructions, orders or these conditions or any matter concerning the works, or the execution, of the failure to execute the same, whether arising before or during the progress of the work, or after the completion or abandonment thereof.

12. **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, and no other 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 construction facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the provisions of this clause then Engineer-in-charge, may at the expense of the contractor remove the same or any part 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 left at site except for any sum actually realized by the sale thereof.

13. **Financial Assistance / Advance Payment**

13.1 **Utilization Advance is not allowed.**

13.2 **Secured Advance against material brought at site.**

13.2.1 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 advance materials on site shall not exceed 75% of the market price of materials.

13.2.2 Every of Secured Advance paid to the contractor under the above provisions shall be affected by monthly payments on actual consumption basis, but not less than period more than three months (even if unutilized)

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

14.10 **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.

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

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Quantities and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			

Amount Total (A)

_____ % above / below on the Rates of CSR.

_____ added / deducted on the basis of premium quoted **Total Part B**

in A+B in words and figures.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Estimation and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (B)

SCALE FACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Kind of work: Construction of C. C. drains & C.C blocks, in Ward No. 06 Town Warah

Kind of A/C: **Own Source (O.Z.T Share)**

S. No.	Item of work	Rate	Unit	Amount
<u>1. C.C DRAINS</u>				
	Excavation in foundation of building bridges and other structures i/c dag belling and refilling around the structures with excavated Earth Watering ramming up to 5ft ordinary Soil <u>(G.S.I – 18/P/4)</u>			
15.00 Cft	@ Rs. 3176.25	P%0Cft	Rs.	10,275-0
	Cement Concete plain i/c placing Compacting finishing and curing complete i/c lining and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
15.00 Cft	@ Rs. 11288.75	P% Cft	Rs.	84,440-0
	Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to design profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1" thick to expose surface faces finished smooth curing complete as per drawing <u>(P.H.S.I – 1 No. DP/44)</u>			
15.00 Rft.	@ Rs. 94.00	P. Rft	Rs.	47,000-0
15.00 Rft.	@ Rs. 174.00	P. Rft	Rs.	78,300-0
	Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(G.S.I – 4/P/24)</u>			
27.50 Cft	@ Rs. 11948.36	P% Cft	Rs.	2, 10,590-0
	Cement Plaster (1:4) up to 20' height ½" thick <u>(G.S.I – 11/P/57)</u>			
15.00 Cft	@ Rs. 2283.93	P% Cft	Rs.	70,231-0
	R.C Work i/c all labour and material except the cost f steel reinforcement and its bending and biding 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 lining and washing of shingle (a) R.C work in roof slab members laid in situ or precast in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 1" to 5/8" gauge. <u>(G.S.I – 1-6/P/17)</u>			
10.00 Rft	@ Rs. 337.00	P. Cft	Rs.	40,440-0
	Installation of mild steel reinforcement for cement concrete i/c cutting bending laying section making joints and fastening i/c cost of binding wire alo includes removal of rust from bars <u>(G.S.I – 7 (ii)(a)P/19)</u>			
1.00 Cwt	@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

10. Cement concrete plain i/c Placing compacting finishing and curing complete i/c cleaning and washing of stone aggregate without shuttering Ratio 1:2:4 (G.S.I – 5 P/17)

10.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 19,495-0
			Rs. 5, 77,677-0

11. Applying & Fixing M.S Iron Board Size (3.0x3.50) (Approved Rate)

11.00 Pcs	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 5, 81,677-0

CC BLOCK

12. Barrow Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I – 3/P/1)

12.00 Cft	@ Rs. 2117.50	P%0Cft	Rs. 21,736-0
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13. Earth Work compaction (soft, ordinary or hard soil) laying earth in 6" thick layers rolling and dressing etc completed (G.S.I – 3/P/4)

13.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 4,779-0
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14. Extra lead for every 50' ft additional lead or part thereof.

14.00 Cft	@ Rs. 5039.00	P%0Cft	Rs. 51,725-0
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15. Cement concrete bricks or stone balrest 1/2" to 2" gauge Ratio 1:4:8 (G.S.I – 4/P/17)

15.00 Cft	@ Rs. 9416.25	P% Cft	Rs. 2, 79,664-0
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16. Plain Ratio 1:4:8

16.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 3, 24,658-0
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17. Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2nd class) regular partial wood (vertical)

17.00 Cft	@ Rs. 3127.41	P% Sft	Rs. 7,037-0
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Total: -	Rs. 6, 89,599-0
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GENERAL ABSTRACT

1. CC Drains	Rs. 5, 81,677 0
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2. CC Blocks	Rs. 6, 89,599-0
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G. Total: -	Rs. 12, 71,276-0
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CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respective schedule of rates.

Contractor

Town Officer
Town Committee Warah

COMMITTEE OF THE TOWN COMMITTEE WARAH



MURTI KAMBER SHAHDADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

NAME OF WORK

**CONSTRUCTION OF CC DRAINS, CC BLOCK IN
WARD NO. 07 TOWN WARAH**

NIT SR: NO: 07

Standard Bidding Document

Included as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

Each of the bidding documents should provide the information necessary for bidders to prepare their 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.

Concerning the performance of the contract or payments under the contract, or matters effecting the rights and obligations of the parties under the Contract are included as conditions of contract Contract Data

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

Any 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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid cost. The interested bidder must have valid NTN also

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

Fixed Price Contracts:- The Bid prices and rates are fixed during currency of contract and under not circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

1. The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of BPPR Rule 2010.

Additional Officer:- 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 Schedule items shall be framed. Tenders which proposed 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.

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

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

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

Bids received by the Agency after the deadline for submission of bids shall be rejected and shall remain unopened to the bidders.

Before the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

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 be 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.

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

(FACTORY)

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

CONTRACTOR: _____

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

Name of Procuring Agency	Town Committee Warah.
Description of Work	Construction of CC Drain. CC Block in Ward No. 07. Of Town Warah .
Location of Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 2.000 (million)
Amount of Bid Security	
Amount: sum amount or in % age of bid amount	02%
(not exceeding cost, but not exceeding 5%)	
Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
Amount Deposit:-	
Amount: sum of bid amount / estimated cost equal to	
Percentage, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
Time for submission of Bids along with Time	15-04-2016. 2:00 pm
Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Period of completion from written order of award	06 Months
Penalty Damages:-	
Amount: Estimated Cost or Bid Cost per day of	Nil
(not exceeding 10%)	

Receipt Receipt No: _____ Dated _____

Amount Rs: _____ of _____

Signature of _____ No: _____ Dated _____

Rs: _____

Accepted by Contractor

Part A

Part B

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

1. Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion of work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

2. Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate 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 1% 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.

3. Termination of the Contract.

The Procuring Agency / Executive Engineer, may terminate the contract if either of the following conditions exist:-

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

The Executive Engineer / Procuring Agency has power to adopt any of the following courses as may be:-

- (i) Forfeit the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (ii) Realize the work by measuring the work done by the contractor

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

in the event of any of the above courses being adopted by the Executive Engineer / Procuring Agency, the contractor shall have

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 advance on account of which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

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

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

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own desire, before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any event (which hinders the execution of contract) requires a variation order is issued with 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 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 Specification. The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by the parties, the said specification being a part of contract. The contractor shall also confirm and comply fully and faithfully to the designs, drawings, and instructions in writing relating to the work issued by the Executive 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 the progress of the work and the contractor shall, if he so requires, be entitled at his own expense to have made copies of the specifications and of all such designs, drawings, and instructions as aforesaid.

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TOWN COMMITTEE WARAH

Clause-7 Payments

Interim / Running Bill. A bill shall be submitted by the contractor as the progress of the work justify for all work executed and not included in any previous bill at least once in a month and the Executive 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 signature to the measurement list will be sufficient to warrant and the Engineer-In-Charge shall issue 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 shall be the amount due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

Each intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory work pointed out to him during defect liability period.

The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the 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 the bill.

Clause-9 Issuance of Variation and Repeat Orders.

The Engineer 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 contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation being subject to the limit not exceeding the contract cost by of 15% on the same conditions, in 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 extension or curtailment of the work.

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TOWN COMMITTEE WARAH

also the nature of the work in the variation does not correspond with items in the Bill of Materials, 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 the detailed rate analysis, and then only he shall allow him that rate after approval from higher authorities.

After the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

If the quantities of work executed result the Initial contract price to be exceeded by more than 15% then Engineer can adjust the rates for those quantities causing excess the cost of contract to 15% after approval of Superintending Engineer.

Work Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

Clause 40: Quality Control.

Identifying Defects: If at any time before the security deposit is refunded to the contractor / during the 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 to contain a defect due to use of unsound materials or unskillful workmanship and the contractor shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct the work specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Uncorrected Defects:

In 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.

If Engineer, considers that rectification / correction of a defect is not essential and it may be expedient, its use or made use of it shall be within his direction to accept the same at such reduced rates as he may determine.

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Section of Operations. The Engineer and his subordinates, shall at all responsible 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 same access.

Access for inspection and Testing. The Engineer shall give the contractor responsible notice of the time when 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 duly accredited in writing present for that purpose, orders given to the contractor's duly accredited agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

12-12 Examination of work before covering up.

Any part of the works shall be covered up or put out of view / beyond the reach without giving notice of more than five days to the Engineer, whenever any such part of the works or foundations is or are required to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations.

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 constructed.

12-13 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 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 payment, the contractor shall make good the same at his own expense, or in default the Engineer shall cause the same to be made good by other workmen, and deduct the expenses from retention money held with the Engineer.

12-14 Measures for prevention of fire and safety measures. The contractor shall not set fire to or destroy any jungle, trees, bush wood or grass without a written permit from the Executive Engineer, and when a permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, etc by fire the contractor shall take necessary measures to prevent such fire spreading to and causing damage to surrounding property. The contractor is responsible for the safety of all its workmen including protection of the environment on and off the site. Compensation of all damage done accidentally or unintentionally on or off the site by the contractor's labour shall be paid by him.

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Sub-contracting. The contractor shall not subcontract the whole of the works, except as 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 obligation under the contract and he shall be responsible for the acts, defaults and neglects of the contractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents servants or workman. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Disputes. All disputes arising in connection with the present contract, and which cannot be settled between the parties, the decision of the Superintending Engineer, of the circle / office / division higher to awarding authority shall be final conclusive and binding on all parties to the contract. In all questions relating to the meaning of the specifications, designs, drawings, and details hereinbefore mentioned and as to the quality of workmanship or materials used on the work, and to any other questions specifications, estimates, instructions, orders or these conditions or any matter concerning the works, or the execution, of the failure to execute the same, whether arising during the progress of the work, or after the completion or abandonment thereof.

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. No 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 storage facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the provisions of this clause then Engineer-in-charge, may at the expense of the contractor remove 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 left over except for any sum actually realized by the sale thereof.

Financial Assistance / Advance Payment

Retention Advance is not allowed.

Secured Advance against material brought at site.

Advance may be permitted only against imperishable materials / quantities anticipated to be 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 materials on site shall not exceed 75% of the market price of materials.

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

_____(Signature)

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TOWN COMMITTEE WARAH

18 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.

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

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BILL OF QUANTITIES

Description and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (A)

_____ % above / below on the Rates of CSR.

_____ to be added / deducted on the basis of premium quoted **Total Part B**

Part A+B in words and figures.

_____(FACTOR)

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BILL OF QUANTITIES

Item and Rate of Items based on Market (Offered Rates)

[illegible]

12. (C) (OR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Item of work: Construction of C. C. drains & C.C blocks, in Ward No. 07 Town Warah

Source of A/C: **Own Source (O.Z.T Share)**

Qty:	S. No.	Item of work	Rate	Unit	Amount
<u>ART – I CC DRAINS</u>					
1		Excavation in foundation of building bridges and other structures i/c dag belling refilling around the structures with excavated Earth Watering ramming up to 5ft in ordinary Soil <u>(G.S.I – 18/P/4)</u>			
15.00 Cft		@ Rs. 3176.25	P%0Cft	Rs.	10,275-0
		Cement Concete plain i/c placing Compacting finishing and curing complete i/c cleaning and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
15.00 Cft		@ Rs. 11288.75	P% Cft	Rs.	84,440-0
		Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to design profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1:2:1" thick to expose surface faces finished smooth curing complete as per drawing design. <u>(P.H.S.I – 1 No. DP/44)</u>			
16.00 Rft.		@ Rs. 94.00	P. Rft	Rs.	47,000-0
1.00 Rft.		@ Rs. 174.00	P. Rft	Rs.	78,300-0
		Common Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(G.S.I – 4/P/24)</u>			
12.50 Cft		@ Rs. 11948.36	P% Cft	Rs.	2, 10,590-0
		Cement Plaster (1:4) up to 20' height ½" thick <u>(G.S.I – 11/P/57)</u>			
15.00 Cft		@ Rs. 2283.93	P% Cft	Rs.	70,231-0
		R.C.C Work i/c all labour and material except the cost f steel reinforcement and its cost for bending and biding 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 cleaning and washing of shingle (a) R.C work in roof slab members laid in situ or precast and in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle ¾" to 1½" gauge. <u>(G.S.I – 1-6/P/17)</u>			
15.00 Cft		@ Rs. 337.00	P. Cft	Rs.	40,440-0
		Installation of mild steel reinforcement for cement concrete i/c cutting bending laying and making joints and fastening i/c cost of binding wire alo includes removal of rust bars <u>(G.S.I – 7 (ii)(a)P/19)</u>			
1.00 Cwt		@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

1. Cement concrete plain i/c Placing compacting finishing and curing complete i/c
 cleaning and washing of stone aggregate without shuttering Ratio 1:2:4
(G.S.I-5 P/17)

15.11 Cft	@ Rs. 14429.25	P% Cft	Rs. 19,495-0
			Rs. 5,77,677-0

2. Supplying & Fixing M.S Iron Board Size (3.0x3.50)(Approved Rate)

1 P. Board	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 5,81,677-0

ITEM 3: PUCK

1. Shallow Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I-3/P/1)

165.00 Cft	@ Rs. 2117.50	P%0Cft	Rs. 21,736-0
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2. Earth Work compaction (soft, ordinary or hard soil) laying earth in 6" thick layers
 rolling and dressing etc completed (G.S.I-3/P/4)

120.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 4,779-0
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3. Extra lead for every 50' ft additional lead or part thereof.

105.00 Cft	@ Rs. 5039.00	P%0Cft	Rs. 51,725-0
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4. Cement concrete bricks or stone ballest ½" to 2" gauge Ratio 1:4:8 (G.S.I-4/P/17)

1070.00 Cft	@ Rs. 9416.25	P% Cft	Rs. 2,79,664-0
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5. C.C Plain Ratio 1:4:8

125.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 3,24,658-0
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6. Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2nd
 order) for partial wood (vertical)

100 Sft	@ Rs. 3127.41	P% Sft	Rs. 7,037-0
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Total: -	Rs. 6,89,599-0
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GENERAL ABSTRACT

1. CC Drains	Rs. 5,81,677-0
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2. CC Blocks	Rs. 6,89,599-0
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G. Total: -	Rs. 12,71,276-0
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CONDITIONS

01. No cartage of any material will be paid separately.

02. No premium will be allowed on Non schedule items.

03. Work shall be carried out as per TMA Specifications.

04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from
 the places mentioned in the estimate.

05. Any error / omission in the rates, unit & description will be governed by the
 respective schedule of rates.

Contractor

Town Officer
 Town Committee Warah

COUNCIL OF THE TOWN COMMITTEE WARAH



MIRIAT KAMBER SHAHDADKOT

WARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

NAME OF WORK

**CONSTRUCTION OF CC DRAINS, CC BLOCK IN
WARD NO. 08 TOWN WARAH**

NIT SR: NO: 08

Standard Bidding Document

Issued as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

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

Terms and conditions governing the performance of the contract or payments under the contract, or matters effecting completion, and obligations of the parties under the Contract are included as conditions of contract in the Bid Data.

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

Work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid Cost. The interested bidder must have valid NTN also.

Content of Bidding Documents must include but not limited to Conditions of Contract, Contract Specification or its reference, Bill of Quantities containing description of items with applicable premium to be filled in form of percentage above / below or on item rates to be included in form of Agreement and drawings.

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 the contract.

The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of M.P.R Rule 2010.

Additional Officer:- 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 Schedule items shall be framed. Tenders which proposed 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.

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

(CONTRACTOR)

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TOWN COMMITTEE WARAH

- All works shall be measured by standard instructions according to the rules.
- Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
- Any bid received by the Agency after the deadline for submission of bids shall be rejected and remain unopened to the bidders.
- Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
- Bids without bid security of required amount and prescribed form shall be rejected.
- Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis:
 - 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.
 - 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 be 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.
- Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

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BIDDING DATA

1) CONTRACTOR:-

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

1) Name of Procuring Agency	Town Committee Warah.
2) Description of Work	Construction of CC Drain, CC Block in Ward No. 08. Of Town Warah .
3) Working Agency Address	Town Warah, Taluka Warah
4) Estimated Cost	Rs: 2.000 (million)
5) Type of Bid Security:	
6) Lump sum amount or in % age of bid amount	02%
7) Estimated cost, but not exceeding 5%)	
8) Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
9) Security Deposit:-	
10) % age of bid amount / estimated cost equal to	
11) Percentage, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
12) Deadline for submission of Bids along with Time	15-04-2016, 2:00 pm
13) Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
14) Period for completion from written order of	
15) Duration	06 Months
16) Liquidated damages:	
17) % of Estimated/ Cost or Bid Cost per day of	Nil
18) (but total not exceeding 10%)	

19) Deposit Receipt No: _____ Dated _____

Amount Rs: _____ of _____

20) Bank No: _____ Dated _____

Rs: _____

21) Submitted by Contractor

Part A

Part B

22) CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

2.3 Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion or work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

2.4 Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate specified 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 1% 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.

2.5 Termination of the Contract.

The Procuring Agency / Executive Engineer, may terminate the contract if either of the following conditions exist:-

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

The Executive Engineer / Procuring Agency has power to adopt any of the following courses as may be deemed fit:-

- (i) 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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

in the event of any of the above courses being adopted by the Executive Engineer / Procuring Agency, the contractor shall have

No claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials, or entered into any engagements or made any advance on account of or which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

Procuring Agency / Executive 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 Engineer as stipulated in the contract data no compensation shall be allowed for any delay caused in starting the work on account of any acquisition of land, water standing in borrow pits / compartments or any other cause requiring sanction to estimates. In such case, either date of commencement will be changed or the date of completion is to be extended accordingly.

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own initiative, before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any event (which hinders the execution of contract) or a variation order is issued with 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 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 Specification. The contractor shall execute the whole and every part of the work in the substantial and workman like manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by both parties, the said specification being a part of contract. The contractor shall also confirm and comply fully and faithfully to the designs, drawings, and instruction in writing relating to the work supplied by the Executive 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 have or cause to be made copies of the specifications and of all such designs drawings, and drawings as aforesaid.

(CONTRACTOR)

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TOWN COMMITTEE WARAH

Clause-7 Payments

Interim / Running Bill. A bill shall be submitted by the contractor as the progress of the work justify for all work executed and not included in any previous bill at least once in a month and the Executive 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 within the expiry of ten days from the presentation of the bill at any time depute a subordinate to check up the said work in the presence of the contractor or his authorized agent, whose signature to the measurement list will be sufficient to warrant and the Engineer-In-Charge shall 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 includes due and payable in respect thereof, subject to deduction of security deposit, advance and any made to him and taxes.

An intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory items of works pointed out to him during defect liability period.

Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the 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 the bill.

Clause-9 Issuance of Variation and Repeat Orders.

The Engineer may issue a variation Order for procurement of works physical services from the original order 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 contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation and subject to the limit not exceeding the contract cost by of 15% on the same conditions, in the rates on which he agreed to do them in the work, and at the same rates, as are specified in the contract for the main work. The contractor has no right to claim for compensation by reason of delay or curtailment of the work.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

When the nature of the work in the variation does not correspond with items in the Bill of Materials, the quotation by the contractor is to be in the form of new rates for the relevant items of work. If the Engineer-In-Charge is satisfied that the rate quoted is within the rate worked out by the detailed rate analysis, and then only he shall allow him that rate after approval from higher authorities.

The time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

If the quantities of work executed result the Initial contract price to be exceeded by more than 15%, then Engineer can adjust the rates for those quantities causing excess the cost of contract by 15% after approval of Superintending Engineer.

Repeat Order; Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

Quality Control.

Testing Defects: If at any time before the security deposit is refunded to the contractor / during the warranty 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 to have a defect due to use of unsound materials or unskillful workmanship and the contractor shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Uncorrected Defects:

In 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.

If the Engineer, considers that rectification / correction of a defect is not essential and it may be expedient, or made use of it shall be within his direction to accept the same at such reduced rates as he may determine.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Operation of Operations. The Engineer and his subordinates, shall at all responsible 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 same.

Inspection and Testing. The Engineer shall give the contractor responsible notice of the time when 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 person accredited in writing present for that purpose. orders given to the contractor's duly authorized agent shall be considered to have the same force and effect as if they had been given to the Engineer himself.

Examination of work before covering up.

None 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 about to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and inspecting such part of the works or of examining such foundations.

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 allowance shall be made for such work, or for the materials with which the same was constructed.

Risks. The contractor shall be responsible for all risks of loss of or damage to physical property, plant, facilities or related services at the premises and of personal injury and death which arise or result 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 settlement the contractor shall make good the same at his own expense, or in default the Engineer shall cause the same to be made good by other workmen, and deduct the expenses from retention money held by the Engineer.

Measures for prevention of fire and safety measures. The contractor shall not set fire to any jungle, trees, bush wood or grass without a written permit from the Executive Engineer, and if a permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood etc. by fire the contractor shall take necessary measures to prevent such fire spreading to any other damaging surrounding property. The contractor is responsible for the safety of all its employees 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.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Clause-15 Sub-contracting. The contractor shall not subcontract the whole of the works, except 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 obligation under the contract and he shall be responsible for the acts, defaults and neglects of subcontractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents servants or workman. 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 settled between the parties, the decision of the Superintending Engineer, of the circle / office / zone higher to awarding authority shall be final conclusive and binding on all parties to the contract on all questions relating to the meaning of the specifications, designs, drawings, and documents hereinbefore mentioned and as to the quality of workmanship or materials used on the works or any other questions specifications, estimates, instructions, orders or these conditions or the concerning the works, or the execution, of the 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. No 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 storage facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the provisions of this clause then Engineer-in-charge, may at the expense of the contractor remove 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 sold except for any sum actually realized by the sale thereof.

3 Financial Assistance / Advance Payment

Utilization Advance is not allowed.

Secured Advance against material brought at site.

Secured Advance may be permitted only against imperishable materials / quantities anticipated to be used / 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 materials on site shall not exceed 75% of the market price of materials.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

19-10 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.

19-20 Refund of Security Deposit / Retention Money. On completion of the whole of the works the work should be considered as complete for the purpose of refund of security deposit to a contractor (the last date on which its final measurements are checked by a competent authority, if such check is made earlier otherwise from the last date of recording the final measurements) the defects notice has also passed and the Engineer has certified that all defects notified to the contractor before the expiry of this period have been corrected, the security deposit lodged by a contractor (in cash or by way of installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is complete.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Item and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			
		Amount Total (A)		

% above / below on the Rates of CSR.

to be added / deducted on the basis of premium quoted **Total Part B**

iii) A+B in words and figures.

REFLECTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Quantity and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (B)

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Item of work: Construction of C. C. drains & C.C blocks, in Ward No. 08 Town Warah

Estimate A/C: **Own Source (O.Z.T Share)**

Qty:	S. No.	Item of work	Rate	Unit	Amount
<u>Part I CC DRAINS</u>					
Excavation in foundation of building bridges and other structures i/c dag belling backfilling refilling around the structures with excavated Earth Watering ramming up to 5ft in ordinary Soil <u>(G.S.I – 18/P/4)</u>					
125.00 Cft		@ Rs. 3176.25	P%0Cft	Rs.	10,275-0
Cement Concete plain i/c placing Compacting finishing and curing complete i/c sieving and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>					
73.00 Cft		@ Rs. 11288.75	P% Cft	Rs.	84,440-0
Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to design profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1" thick to expose surface faces finished smooth curing complete as per drawing design. <u>(P.H.S.I – 1 No. DP/44)</u>					
500.00 Rft.		@ Rs. 94.00	P. Rft	Rs.	47,000-0
460.00 Rft.		@ Rs. 174.00	P. Rft	Rs.	78,300-0
Pacca Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(G.S.I – 4/P/24)</u>					
162.50 Cft		@ Rs. 11948.36	P% Cft	Rs.	2, 10,590-0
Cement Plaster (1:4) up to 20' height ½" thick <u>(G.S.I – 11/P/57)</u>					
375.00 Cft		@ Rs. 2283.93	P% Cft	Rs.	70,231-0
R.C.C. Work i/c all labour and material except the cost f steel reinforcement and its cost for bending and biding which will be paid separately. This rate also includes all kinds of form moulds lifting shuttering curing rendering and finishing the exposed surface i/c sieving and washing of shingle (a) R.C work in roof slab members laid in situ or precast in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 1" to ¾" gauge. <u>(G.S.I – 1-6/P/17)</u>					
80.00 Cft		@ Rs. 337.00	P. Cft	Rs.	40,440-0
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. <u>(G.S.I – 7 (ii)(a)P/19)</u>					
3.30 Cwt		@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

Cement concrete plain i/c Placing compacting finishing and curing complete i/c finishing, and washing of stone aggregate without shuttering Ratio 1:2:4 (G.S.I – 3/P/17)			
1755.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 19,495-0
			Rs. 5,77,677-0
Supplying & Fixing M.S Iron Board Size (3.0x3.50)(Approved Rate)			
100.00	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 5,81,677-0
<u>BLOCK</u>			
Barrow Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I – 3/P/1)			
1765.00 Cft	@ Rs. 2117.50	P%0Cft	Rs. 21,736-0
Earth Work compaction (soft, ordinary or hard soil) laying earth in 6" thick layers rolling and dressing etc completed (G.S.I – 3/P/4)			
100.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 4,779-0
Additional lead for every 50' ft additional lead or part thereof.			
183.00 Cft	@ Rs. 5039.00	P%0Cft	Rs. 51,725-0
Cement concrete bricks or stone ballest ½" to 2" gauge Ratio 1:4:8 (G.S.I – 4/P/17)			
100.00 Cft	@ Rs. 9416.25	P% Cft	Rs. 2,79,664-0
C.C Plain Ratio 1:4:8			
100.00 Cft	@ Rs. 14429.25	P% Cft	Rs. 3,24,658-0
Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2 nd class)(b)for partial wood (vertical)			
100.00 Cft	@ Rs. 3127.41	P% Sft	Rs. 7,037-0
		Total: -	Rs. 6,89,599-0

GENERAL ABSTRACT

101.	CC Drains	Rs. 5,81,677-0
102.	CC Blocks	Rs. 6,89,599-0
	G. Total: -	Rs. 12,71,276-0

CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respective schedule of rates.

Contractor

Town Officer
Town Committee Warah

COUNCIL OF THE TOWN COMMITTEE WARAH



DISTRICT KAMBER-SHAHDADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

NAME OF WORK

CONSTRUCTION OF CC DRAINS, CC BLOCK IN
WARD NO. 09 TOWN WARAH

NIT SR: NO: 09

Standard Bidding Document

intended as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

Information 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.

Terms governing the performance of the contract or payments under the contract, or matters effecting the rights, and obligations of the parties under the Contract are included as conditions of contract and Contract Data.

Conditions to Bidders will not be part of the Contract and will cease to have effect once the Contract is signed.

All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid cost. The interested bidder must have valid NTN also.

Content of Bidding Documents must include but not limited to Conditions of Contract, Contract Date, Specifications or its reference, Bill of Quantities containing description of items with schedule premium to be filled in form of percentage above / below or on item rates to be quoted, form of Agreement and drawings.

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

The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of CRR Rule 2010.

Conditional Officer:- 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 Schedule items shall be framed. Tenders which proposed any alternative in the works specified in the printed 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.

(CONTRACTOR)

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TOWN COMMITTEE WARAH

The works shall be measured by standard instructions according to the rules.
Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
Any bid received by the Agency after the deadline for submission of bids shall be rejected and remain unopened to the bidders.
Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders satisfy 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
Bids without bid security of required amount and prescribed form shall be rejected.
Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis:

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.
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 shall be 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.
Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

CONTRACTOR)

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TOWN COMMITTEE WARAH

BIDDING DATA

BIDDING DATA	
The Bidding Data should be filled in by the Executive / Procuring Agency before issuance of the Bidding Documents)	
Procuring Agency	Town Committee Warah.
Description of Work	Construction of CC Drain, CC Block in Ward No. 09. Of Town Warah .
Procuring Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 2.000 (million)
Amount of Bid Security:-	
(1) Lump sum amount or in % age of bid amount	02%
(2) Estimated cost, but not exceeding 5%)	
Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
Security Deposit:-	
(1) % age of bid amount / estimated cost equal to	
(2) % age, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
Time for submission of Bids along with Time	15-04-2016, 2:00 pm
Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Time for completion from written order of	
Contract	06 Months
Penalty damages:-	
(1) % of Estimated Cost or Bid Cost per day of	Nil
(2) % of total not exceeding 10%)	

Special Receipt	No:	Dated
	Amount Rs:	of
	No:	Dated
	Rs:	
Contract noted by Contractor	Part A	
	Part B	

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TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

Commencement and Completion Dates of work. The contractor shall not enter upon or carry out any portion or work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

The contractor shall proceed with the works with due expedition and without delay and complete the work within 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 liable in all in which the time allowed for completion of any work exceeds one month to achieve the same on the prorate basis.

Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate as 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 ten 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.

Termination of the Contract.

The Agency / Executive Engineer, may terminate the contract if either of the following conditions:-

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

The Executive Engineer / Procuring Agency has power to adopt any of the following courses as may

- (i) forfeit the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (ii) estimate the work by measuring the work done by the contractor

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TOWN COMMITTEE WARAH

in the event of any of the above courses being adopted by the Executive Engineer / Procuring Agency the contractor shall have

(1) No claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials, or entered into any engagements or made any advance on account of the contract in which a view to the execution of the work or the performance of the contract.

(2) 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 / Executive Engineer may invite fresh bids for remaining work

10. 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 stipulated in the contract data no compensation shall be allowed for any delay caused in starting the work on account of any acquisition of land, water standing in borrow pits / compartments or withholding sanction to estimates. In such case, either date of commencement will be changed or the completion is to be extended accordingly.

11. Extension of Intended Completion Date. The Procuring Agency either at its own request or before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any event (which hinders the execution of contract) occurs and a variation order is issued with 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 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.

12. Specification. The contractor shall execute the whole and every part of the work in the most substantial and workman like manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by both parties, the said specification being a part of contract. The contractor shall also confirm to conform fully and faithfully to the designs, drawings, and instruction in writing relating to the work furnished by the Executive 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 the progress of the work and the contractor shall, if he so requires, be entitled at his own expense to cause to be made copies of the specifications and of all such designs drawings, and documents as aforesaid.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

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.

20 **Refund of Security Deposit / Retention Money.** On completion of the whole of the works the work should be considered as complete for the purpose of refund of security deposit to a contractor on 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 is also passed and the Engineer has certified that all defects notified to the contractor before the expiry of this period have been corrected, the security deposit lodged by a contractor (in cash or in bills) shall be refunded to him after the expiry of three months from the date on which the work is complete.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Frequency and Rate of Items based on Composite Schedule of Rates

[illegible]

... % above / below on the Rates of CSR.

to be added / deducted on the basis of premium quoted **Total Part B**

part A+B in words and figures.

TRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Quantity and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (B)

(ACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Name of work: - Construction of C. C. drains & C.C blocks, in Ward No. 09 Town Warah

Name of A/C: **Own Source (O.Z.T Share)**

S. No.	Item of work	Rate	Unit	Amount
<u>Part - I CC DRAINS</u>				
	Excavation in foundation of building bridges and other structures i/c dag belling and refilling around the structures with excavated Earth Watering ramming up to 5ft ordinary Soil <u>(G.S.I – 18/P/4)</u>			
100 Cft	@ Rs. 3176.25	P%0Cft	Rs.	10,275-0
	Cement Concete plain i/c placing Compacting finishing and curing complete i/c cleaning and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
800 Cft	@ Rs. 11288.75	P% Cft	Rs.	84,440-0
	Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to design profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1 1/2" thick to expose surface faces finished smooth curing complete as per drawing <u>(P.H.S.I – 1 No. DP/44)</u>			
100 Rft.	@ Rs. 94.00	P. Rft	Rs.	47,000-0
100 Rft.	@ Rs. 174.00	P. Rft	Rs.	78,300-0
	Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(P.H.S.I – 4/P/24)</u>			
100 Cft	@ Rs. 11948.36	P% Cft	Rs.	2,10,590-0
	Cement Plaster (1:4) up to 20' height 1/2" thick <u>(G.S.I – 11/P/57)</u>			
100 Cft	@ Rs. 2283.93	P% Cft	Rs.	70,231-0
	R.C.C Work i/c all labour and material except the cost f steel reinforcement and its price for bending and biding 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 cleaning and washing of shingle (a) R.C work in roof slab members laid in situ or precast in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 10" gauge. <u>(G.S.I – 1-6/P/17)</u>			
100 Cft	@ Rs. 337.00	P. Cft	Rs.	40,440-0
	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying lapping making joints and fastening i/c cost of binding wire alo includes removal of rust <u>(G.S.I – 7 (ii)(a)P/19)</u>			
100 Cwt	@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

Cement concrete plain i/c Placing compacting finishing and curing complete i/c washing and washing of stone aggregate without shuttering Ratio 1:2:4 (G.S.I-5 P/17)				
121 Cft	@ Rs. 14429.25	P% Cft	Rs.	19,495-0
			Rs. 5,	77,677-0
Supplying & Fixing M.S Iron Board Size (3.0x3.50)(Approved Rate)				
10	@ Rs. 4000.00	P. Each	Rs.	4,000-0
		G. Total: -	Rs. 5,	81,677-0
RCC				
Trench Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I – 3/P/1)				
105.00 Cft	@ Rs. 2117.50	P%0Cft	Rs.	21,736-0
Earth Work compaction (soft, ordinary of hard soil) laying earth in 6" thick layers rolling and dressing etc completed (G.S.I – 3/P/4)				
2500.00 Cft	@ Rs. 354.00	P%0Cft	Rs.	4,779-0
Extra lead for every 50' ft additional lead or part thereof.				
1265.00 Cft	@ Rs. 5039.00	P%0Cft	Rs.	51,725-0
Cement concrete bricks or stone balrest 1/2" to 2" gauge Ratio 1:4:8 (G.S.I – 4/P/17)				
10.00 Cft	@ Rs. 9416.25	P% Cft	Rs.	2, 79,664-0
C.C Plain Ratio 1:4:8				
150.00 Cft	@ Rs. 14429.25	P% Cft	Rs.	3, 24,658-0
Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2 nd class)(b)for partial wood (vertical)				
100 Cft	@ Rs. 3127.41	P% Sft	Rs.	7,037-0
		Total: -	Rs. 6,	89,599-0

GENERAL ABSTRACT

01.	CC Drains	Rs.	5, 81,677-0
02.	CC Blocks	Rs.	6, 89,599-0
	G. Total: -	Rs.	12, 71,276-0

CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respective schedule of rates.

Contractor

Town Officer
Town Committee Warah

OFFICE OF THE TOWN COMMITTEE WARAH



DISTRICT KAMBER-SHAHDADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

NAME OF WORK

**CONSTRUCTION OF CC DRAINS, CC BLOCK IN
WARD NO. 10 TOWN WARAH**

NIT SR: NO: 10
Standard Bidding Document

intended as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

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

the governing the performance of the contract or payments under the contract, or matters effecting the rights, and obligations of the parties under the Contract are included as conditions of contract Contract Data

ditions to Bidders will not be part of the Contract and will cease to have effect once the Contract is signed.

work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid Cost. The interested bidder must have valid NTN also

Content of Bidding Documents must include but not limited to Conditions of Contract, Contract Schedule, Specifications or its reference, Bill of Quantities containing description of items with schedule premium to be filled in form of percentage above / below or on item rates to be quoted, form of Agreement and drawings.

Fixed Price Contracts:- The Bid prices and rates are fixed during currency of contract and under not circumstance shall any contractor be entitled to claim enhanced rates for any item in the contract.

the procuring Agency shall have right of rejecting all or any of the tenders as per provisions of M.P.S. Rule 2010.

Conditional Officer:- 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 Schedule rates shall be framed. Tenders which proposed 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.

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

7. Works shall be measured by standard instructions according to the rules.

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

9. Bids received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidders.

10. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

11. Bids without bid security of required amount and prescribed form shall be rejected.

12. 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 arrived 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 will be 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.

(SIGNED)

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

1. CONTRACTOR:	
(This section should be filled in by the Executive / Procuring Agency before issuance of the Bidding Documents)	
Executive Procuring Agency	Town Committee Warah.
Description of Work	Construction of CC Drain, CC Block in Ward No. 10. Of Town Warah .
Executive Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 2.000 (million)
2. Amount of Bid Security:-	
a) Flat lump sum amount or in % age of bid amount	
b) Estimated cost, but not exceeding 5%)	
3. Validity of Bid (days)	
4. Deposit:-	
a) % of bid amount / estimated cost equal to	
b) and, if any, to be deducted from Bills	
5. Date for submission of Bids along with Time	
6. Time and Date of Bid Opening	
7. Period for completion from written order of	
8. Liquidated damages:-	
a) % of Estimated Cost or Bid Cost per day of	
b) delay, but total not exceeding 10%)	

9. Bank Receipt	No:	Dated
	Amount Rs:	of
10. Bank	No:	Dated
	Rs:	
11. Signed by Contractor	Part A	
	Part B	

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion or work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate as 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 1% 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.

Termination of the Contract.

The Agency / Executive Engineer, may terminate the contract if either of the following conditions are met:

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

The Executive Engineer / Procuring Agency has power to adopt any of the following courses as may be deemed fit:

- (i) Retain the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (ii) Realize the work by measuring the work done by the contractor

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

the event of any of the above courses being adopted by the Executive Engineer / Procuring Agency the contractor shall have

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 advance on account of or which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

Procuring Agency / Executive 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 the work on account of any acquisition of land, water standing in borrow pits / compartments or in obtaining sanction to estimates. In such case, either date of commencement will be changed or the date for completion is to be extended accordingly.

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own desire, before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any event (which hinders the execution of contract) occurs or a variation order is issued with 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 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 Specification. The contractor shall execute the whole and every part of the work in the best substantial and workmanlike 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 both parties, the said specification being a part of contract. The contractor shall also confirm and comply fully and faithfully to the designs, drawings, and instructions in writing relating to the work issued by the Executive 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 business hours and the contractor shall, if he so requires, be entitled at his own expense to get or cause to be made copies of the specifications and of all such designs drawings, and instructions as aforesaid.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Clause-7 Payments

Interim / Running Bill. A bill shall be submitted by the contractor as the progress of the work progresses justifiably for all work executed and not included in any previous bill at least once in a month and the Executive 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, within the expiry of ten days from the presentation of the bill at any time depute a subordinate to check up the said work in the presence of the contractor or his authorized agent, whose signature to the measurement list will be sufficient to warrant and the Engineer-In-Charge shall 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 shall be considered due and payable in respect thereof, subject to deduction of security deposit, advance payment and if any made to him and taxes.

An intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory items of works pointed out to him during defect liability period.

The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the 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 deem reasonable in the preparation of final or on running account bills with reasons recorded in the bill.

Clause-9 Issuance of Variation and Repeat Orders.

The Agency may issue a variation Order for procurement of works physical services from the original tender 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 contractor.

The Contractor shall not perform a variation until the procuring Agency has authorized the variation while being subject to the limit not exceeding the contract cost by of 15% on the same conditions, in the same manner 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 variation or curtailment of the work.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Since the nature of the work in the variation does not correspond with items in the Bill of Materials, the quotation by the contractor is to be in the form of new rates for the relevant items of work. If the Engineer-In-Charge is satisfied that the rate quoted is within the rate worked out by the detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.

The time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

If the quantities of work executed result the Initial contract price to be exceeded by more than 15%, then Engineer can adjust the rates for those quantities causing excess the cost of contract work after approval of Superintending Engineer.

Final Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

Identifying Defects: If at any time before the security deposit is refunded to the contractor / during the 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 shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Corrected Defects:

In 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.

If the Engineer, considers that rectification / correction of a defect is not essential and it may be expedient, made use of it shall be within his direction to accept the same at such reduced rates as he may determine before.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Section of Operations. The Engineer and his subordinates, shall at all responsible 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 same such access.

Access for Inspection and Testing. The Engineer shall give the contractor responsible notice of the time when 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 person duly accredited in writing present for that purpose, orders given to the contractor's duly accredited person shall be considered to have the same force and effect as if they had been given to the Engineer himself.

4.12 Examination of work before covering up.

That 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 about to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and inspecting such part of the works or of examining such foundations.

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 constructed.

4.13 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 or result 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 interim, the contractor shall make good the same at his own expense, or in default the Engineer shall cause the same to be made good by other workmen, and deduct the expenses from retention money held by the Engineer.

4.14 Measures for prevention of fire and safety measures. The contractor shall not set fire to standing jungle, trees, bush wood or grass without a written permit from the Executive Engineer, and such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush, grass, etc by fire the contractor shall take necessary measures to prevent such fire spreading to and also damaging surrounding property. The contractor is responsible for the safety of all its employees 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.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

15-15 Sub-contracting. The contractor shall not subcontract the whole of the works, except as 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 obligation under the contract and he shall be responsible for the acts, defaults and neglects of the subcontractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents servants or workman. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

15-16 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 / office / authority 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 documents hereinbefore mentioned and as to the quality of workmanship or materials used on the work and to any other questions specifications, estimates, instructions, orders or these conditions or drawings concerning the works, or the execution, of the failure to execute the same, whether arising during the progress of the work, or after the completion or abandonment thereof.

15-17 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, and no 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 disposal and other 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 the same at the expense 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 on the site except for any sum actually realized by the sale thereof.

15-18 Financial Assistance / Advance Payment

Utilization Advance is not allowed.

Secured Advance against material brought at site.

Secured Advance may be permitted only against imperishable materials / quantities anticipated to be required / 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 materials on site shall not exceed 75% of the market price of materials.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

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.

20 Refund of Security Deposit / Retention Money. On completion of the whole of the works should be considered as complete for the purpose of refund of security deposit to a contractor (the 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 is also passed and the Engineer has certified that all defects notified to the contractor before or during this period have been corrected, the security deposit lodged by a contractor (in cash or in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is complete.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Quantity and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (A)

% above / below on the Rates of CSR.

% added / deducted on the basis of premium quoted **Total Part B**

Part A+B in words and figures.

(TRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Value and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			
		Amount Total (B)		

- (FACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Base of work:- Construction of C. C. drains & C.C blocks, in Ward No. 10 Town Warah

Material A/C: **Own Source (O.Z.T Share)**

S. No.	Item of work	Rate	Unit	Amount
<u>Part – I CC DRAINS</u>				
1.	Excavation in foundation of building bridges and other structures i/c dag belling dressing refilling around the structures with excavated Earth Watering ramming up to 5ft in ordinary Soil <u>(G.S.I – 18/P/4)</u>			
1.00 Cft	@ Rs. 3176.25	P%0Cft	Rs.	10,275-0
2.	Preparation of Cement Concete plain i/c placing Compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
10.00 Cft	@ Rs. 11288.75	P% Cft	Rs.	84,440-0
3.	Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to design profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1" thick to expose surface faces finished smooth curing complete as per drawing <u>(P.H.S.I – 1 No. DP/44)</u>			
1.00 Rft.	@ Rs. 94.00	P. Rft	Rs.	47,000-0
140.00 Rft.	@ Rs. 174.00	P. Rft	Rs.	78,300-0
4.	Pacca Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(S.I – 4/P/24)</u>			
1.00 Cft	@ Rs. 11948.36	P% Cft	Rs.	2, 10,590-0
5.	Cement Plaster (1:4) up to 20' height ½" thick <u>(G.S.I – 11/P/57)</u>			
10.00 Cft	@ Rs. 2283.93	P% Cft	Rs.	70,231-0
6.	R.C.C. Work i/c all labour and material except the cost f steel reinforcement and its cur for bending and biding which will be paid separately. This rate also includes all kinds of form 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 in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 1" to ¼" gauge. <u>(G.S.I – 1-6/P/17)</u>			
10.00 Cft	@ Rs. 337.00	P. Cft	Rs.	40,440-0
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 alo includes removal of rust in bars <u>(G.S.I – 7 (ii)(a)P/19)</u>			
1 K Cwt	@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

Plain concrete plain i/c Placing compacting finishing and curing complete i/c
 and washing of stone aggregate without shuttering Ratio 1:2:4
(G.S.I – 3/P/17)

1000 Cft	@ Rs. 14429.25	P% Cft	Rs. 19,495-0
			Rs. 5,77,677-0

Supplying & Fixing M.S Iron Board Size (3.0x3.50)(Approved Rate)

1000 No	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 5,81,677-0

Work

Excavation undressed lead up to 100 ft ordinary soil (G.S.I – 3/P/1)

1000 Cft	@ Rs. 2117.50	P%0Cft	Rs. 21,736-0
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Work compaction (soft, ordinary or hard soil) laying earth in 6" thick layers
 and dressing etc completed (G.S.I – 3/P/4)

1000.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 4,779-0
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Extra lead for every 50' ft additional lead or part thereof.

10000 Cft	@ Rs. 5039.00	P%0Cft	Rs. 51,725-0
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Plain concrete bricks or stone ballest 1/2" to 2" gauge Ratio 1:4:8 (G.S.I – 4/P/17)

1000 Cft	@ Rs. 9416.25	P% Cft	Rs. 2,79,664-0
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Plain Ratio 1:4:8

10000 Cft	@ Rs. 14429.25	P% Cft	Rs. 3,24,658-0
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Construction and removal of centering for RCC or Plain C.C Work or deodars wood (2nd
 A)(b)for partial wood (vertical)

1000 Cft	@ Rs. 3127.41	P% Sft	Rs. 7,037-0
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Total: -	Rs. 6,89,599-0
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GENERAL ABSTRACT

CC Drains	Rs. 5,81,677-0
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CC Blocks	Rs. 6,89,599-0
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G. Total: -	Rs. 12,71,276-0
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CONDITIONS

1. No cartage of any material will be paid separately.
2. No premium will be allowed on Non schedule items.
3. Work shall be carried out as per TMA Specifications.
4. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
5. Any error / omission in the rates, unit & description will be governed by the respective schedule of rates.

For

Town Officer
 Town Committee Warah

OFFICE OF THE TOWN COMMITTEE WARAH



MR. TRIGT KAMBER SHAHDADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

NAME OF WORK

**CONSTRUCTION OF CC DRAINS, CC BLOCK IN
BY PASS ROAD FROM PUNNA MINOR UPTO
TUNIO ROAD, VIA CIVIL HOSPITAL, VIA GIRLS
SCHOOL TOWN WARAH**

NIT SR: NO: 11

Standard Bidding Document

Issued as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Materials / Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

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Content of Bidding Documents must include but not limited to Conditions of Contract, Contract Specifications or its reference, Bill of Quantities containing description of items with percentage premium to be filled in form of percentage above / below or on item rates to be included, form of Agreement and drawings.

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.

The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of GPRR Rule 2010.

Conditional Officer:- 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 Schedule items shall be framed. Tenders which proposed any alternative in the works specified in the printed 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.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

all works shall be measured by standard instructions according to the rules.

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

A bid received by the Agency after the deadline for submission of bids shall be rejected and remain unopened to the bidders.

Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 of agent, and any other condition mentioned in the NIT and bidding documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

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

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.

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 be 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.

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

(Signature)

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

TO CONTRACTOR:-

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

Name of Procuring Agency	Town Committee Warah.
Description of Work	Construction of CC Drain, CC Block in Ward No. 11. Of Town Warah .
Working Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 4.500 (million)
Amount of Bid Security:-	
(i) in lump sum amount or in % age of bid amount	02%
(ii) Estimated cost, but not exceeding 5%)	
Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
Security Deposit:-	
(i) % age of bid amount / estimated cost equal to	
(ii) % age, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
Deadline for submission of Bids along with Time	15-04-2016. 2:00 pm
Time, Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Period for completion from written order of	
Contract	06 Months
Penalty damages:-	
(i) % of Estimated Cost or Bid Cost per day of	Nil
(ii) delay, but total not exceeding 10%)	

Nil Deposit Receipt	No:	Dated
	Amount Rs:	of
Nil Deposit Receipt	No:	Dated
	Rs:	

Bids Quoted by Contractor	Part A
	Part B

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

1.1 Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion or work except with the written authority and instructions of the Engineer in-charge or of his sub ordinate in-charge of the work. Failing such authority the contractor shall have no right to ask for measurements of or payment of work.

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

1.2 Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate 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 1% 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.

1.3 Termination of the Contract.

The Procuring Agency / Executive Engineer, may terminate the contract if either of the following conditions exist:-

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

The Executive Engineer / Procuring Agency has power to adopt any of the following courses as may be deemed 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

(CONTRACTOR)

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the event of any of the above courses being adopted by the Executive Engineer / Procuring Agency, the contractor shall have

no claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials, or entered into any engagements or made any advance on account of or which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

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

Clause-4 Possession of the site and claims for compensation for delay. The Engineer shall have 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 the work on account of any acquisition of land, water standing in borrow pits / compartments or according sanction to estimates. In such case, either date of commencement will be changed or the completion is to be extended accordingly.

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own motives, before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any event (which hinders the execution of contract) occurs or a variation order is issued with 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 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 Specification. The contractor shall execute the whole and every part of the work in the substantial and work man like manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by both parties, the said specification being a part of contract. The contractor shall also confirm and comply fully and faithfully to the designs, drawings, and instruction in writing relating to the work issued by the Executive 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 all hours and the contractor shall, if he so requires, be entitled at his own expense to have or cause to be made copies of the specifications and of all such designs drawings, and instructions as aforesaid.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Section of Operations. The Engineer and his subordinates, shall at all responsible 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 same free access.

Access for Inspection and Testing. The Engineer shall give the contractor responsible notice of the time when 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 and duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force and effect as if they had been given to the Engineer himself.

4-12 Examination of work before covering up.

No part of the works shall be covered up or put out of view / beyond the reach without giving notice of at least five days to the Engineer, whenever any such part of the works or foundations is or are about to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and approving such part of the works or of examining such foundations.

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 worked.

4-13 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 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 interim, the contractor shall make good the same at his own expense, or in default the Engineer shall cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

4-14 Measures for prevention of fire and safety measures. The contractor shall not set fire to or burn any jungle, trees, bush wood or grass without a written permit from the Executive Engineer, and no 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 employees including protection of the environment on and off the site. Compensation of all damage done accidentally or unintentionally on or off the site by the contractor's labour shall be paid by him.

(CONTRACTOR)

ENGINEER
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15-15 Sub-contracting. The contractor shall not subcontract the whole of the works, except as 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 obligation under the contract and he shall be responsible for the acts, defaults and neglects of the contractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents, servants or workman. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

15-16 Disputes. All disputes arising in connection with the present contract, and which cannot be settled between the parties, the decision of the Superintending Engineer, of the circle / office / zone higher to awarding authority shall be final conclusive and binding on all parties to the contract; all questions relating to the meaning of the specifications, designs, drawings, and materials hereinbefore mentioned and as to the quality of workmanship or materials used on the work and to any other questions specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of the failure to execute the same, whether arising during the progress of the work, or after the completion or abandonment thereof.

15-17 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, and no 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 storage 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 the same at the expense 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 retained except for any sum actually realized by the sale thereof.

16 Financial Assistance / Advance Payment

16-1 Utilization Advance is not allowed.

16-2 Secured Advance against material brought at site.

Secured Advance may be permitted only against imperishable materials / quantities anticipated to be 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 materials on site shall not exceed 75% of the market price of materials.

The amount of Secured Advance paid to the contractor under the above provisions shall be affected by monthly payments on actual consumption basis, but not less than period more than three months (if given if unutilized)

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18-19 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.

19 Refund of Security Deposit / Retention Money. On completion of the whole of the works the work shall be considered as complete for the purpose of refund of security deposit to a contractor on the date on which its final measurements are checked by a competent authority, if such check is made (not later than 30 days otherwise from the last date of recording the final measurements) the defects notice is also passed and the Engineer has certified that all defects notified to the contractor before the expiry of this period have been corrected, the security deposit lodged by a contractor (in cash or in bills) shall be refunded to him after the expiry of three months from the date on which the work is complete.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Estimation and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			

Amount Total (A)

_____ % above / below on the Rates of CSR.

_____ to be added / deducted on the basis of premium quoted **Total Part B**

Total A+B in words and figures.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Description and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			

Amount Total (B)

(TRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Name of work: Construction of C. C. drains & C.C blocks, in By Pass upto Tunia Road, Via Civil Hospital, via Girls School Town Warah

Source of A/C: **Own Source (O.Z.T Share)**

S. No.	Item of work	Rate	Unit	Amount
<u>Part I - C.C DRAINS</u>				
	Excavation in foundation of building bridges and other structures i/c dagg belling and refilling around the structures with excavated Earth Watering ramming up to 5ft in ordinary Soil <u>(G.S.I – 18/P/4)</u>			
20.00 Cft	@ Rs. 3176.25	P%0Cft	Rs.	21,980-0
	Cement Concete plain i/c placing Compacting finishing and curing complete i/c cleaning and washing of stone aggregate without shuttering Ratio 1:4:8 <u>(G.S.I – 5/P/17)</u>			
195.00 Cft	@ Rs. 11288.75	P% Cft	Rs.	1, 80,056-0
	Construction of Standard Open Type Drains Connuttee block of C.C 1:2:4 cost of situ to design profile i/c cost of mould as per drawing i/c supplying floating cost of cement 1/2" thick to expose surface faces finished smooth curing complete as per drawing <u>(P.H.S.I – 1 No. DP/44)</u>			
90.00 Rft.	@ Rs. 94.00	P. Rft	Rs.	94,000-0
100 Rft.	@ Rs. 174.00	P. Rft	Rs.	1, 74,000-0
	Pucca Brick Work in foundation and plinth in cement sand mortar (1:6) <u>(S.I – 4/P/24)</u>			
40.50 Cft	@ Rs. 11948.36	P% Cft	Rs.	4, 48,064-0
	Cement Plaster (1:4) up to 20' height 1/2" thick <u>(G.S.I – 11/P/57)</u>			
100.00 Cft	@ Rs. 2283.93	P% Cft	Rs.	1, 48,455-0
	R.C Work i/c all labour and material except the cost f steel reinforcement and its cost for bending and biding 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 cleaning and washing of shingle (a) R.C work in roof slab members laid in situ or precast in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 1/2" to 5/8" gauge. <u>(G.S.I – 1-6/P/17)</u>			
20 Cft	@ Rs. 337.00	P. Cft	Rs.	70,770-0
	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 <u>(G.S.I – 7 (ii)(a)P/19)</u>			
3.5 Cwt	@ Rs. 5001.70	P. Cwt	Rs.	16,906-0

2. Cement concrete plain i/c Placing compacting finishing and curing complete i/c loading and washing of stone aggregate without shuttering Ratio 1:2:4 (G.S.I-3 P/17)

1000 Cft	@ Rs. 14429.25	P% Cft	Rs. 34,019-0
			Rs. 11, 88,250-0

3. Applying & Fixing M.S Iron Board Size (3.0x3.50) (Approved Rate)

1000	@ Rs. 4000.00	P. Each	Rs. 4,000-0
		G. Total: -	Rs. 11, 92,250-0

4. BLOCK

5. Garrow Pit excavation undressed lead up to 100 ft ordinary soil (G.S.I – 3/P/1)

1300.00 Cft	@ Rs. 2117.50	P%0Cft	Rs. 53,636-0
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6. Earth Work compaction (soft, ordinary or hard soil) laying earth in 6" thick layers rolling and dressing etc completed (G.S.I – 3/P/4)

100.00 Cft	@ Rs. 354.00	P%0Cft	Rs. 11,417-0
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7. Extra lead for every 50' ft additional lead or part thereof.

400.00 Cft	@ Rs. 5039.00	P%0Cft	Rs. 1, 27,638-0
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8. Cement concrete ricks or stone ballest ½" to 2" gauge Ratio 1:4:8 (G.S.I – 4/P/17)

1000 Cft	@ Rs. 9416.25	P% Cft	Rs. 6, 68,085-0
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9. Plain Ratio 1:4:8

800 Cft	@ Rs. 14429.25	P% Cft	Rs. 7, 75,572-0
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10. Erection and removal of centering for RCC or Plain C.C Work or deodars wood (2nd class) for partial wood (vertical)

50 Cft	@ Rs. 3127.41	P% Sft	Rs. 16,810-0
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Total: -	Rs. 16, 53,158-0
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GENERAL ABSTRACT

1000	CC Drains	Rs. 11, 92,250-0
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1000	CC Blocks	Rs. 16, 53,158-0
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G. Total: -	Rs. 28, 45,408-0
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CONDITIONS

1. No cartage of any material will be paid separately.
2. No premium will be allowed on Non schedule items.
3. Work shall be carried out as per TMA Specifications.
4. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
5. Any error / omission in the rates, unit & description will be governed by the respective schedule of rates.

Signature

Town Officer
Town Committee Warah

OFFICE OF THE TOWN COMMITTEE WARAH



DISTRICT KAMBER-SHAHDADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

NAME OF WORK

**CONSTRUCTION OF COMPOUND WALL
(HINDU MASSAN) TOWN WARAH**

NIT SR: NO: 12

Standard Bidding Document

intended as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

Description of the bidding documents should provide the information necessary for bidders to prepare their 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.

Terms governing the performance of the contract or payments under the contract, or matters effecting the rights, interests, and obligations of the parties under the Contract are included as conditions of contract in the Bid Data.

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

Work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid cost. The interested bidder must have valid NTN also.

Content of Bidding Documents must include but not limited to Conditions of Contract, Contract Schedule, Specifications or its reference, Bill of Quantities containing description of items with estimate premium to be filled in form of percentage above / below or on item rates to be allowed, form of Agreement and drawings.

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

The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of M.P.R. Rule 2010.

Additional Officer:- 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 Schedule items, shall be framed. Tenders which proposed any alternative in the works specified in the 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 a 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.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

The works shall be measured by standard instructions according to the rules.

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

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

Before the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

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

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.

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 be 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.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

CONTRACTOR:-

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

Name of Procuring Agency	Town Committee Warah.
Short Description of Work	Construction of Compound Wall (Hindu Massan) Of Town Warah .
Procuring Agency Address	Town Warah. Taluka Warah
Estimated Cost	Rs: 1.000 (million)
Amount of Bid Security:	
As lump sum amount or in % age of bid amount	02%
(Not exceeding cost, but not exceeding 5%)	
Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
Security Deposit:-	
As % age of bid amount / estimated cost equal to	
Percentage, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
Valid for submission of Bids along with Time	15-04-2016, 2:00 pm
Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Time for completion from written order of Commence	06 Months
Quality damages:-	
As % of Estimated Cost or Bid Cost per day of	Nil
(Not total not exceeding 10%)	
Security Deposit Receipt	No: _____ Dated _____
	Amount Rs: _____ of _____
Security Deposit	No: _____ Dated _____
	Rs: _____
Part A Quoted by Contractor	Part A
	Part B

CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Clause-7 Payments

Interim / Running Bill. A bill shall be submitted by the contractor as the progress of the work and certify for all work executed and not included in any previous bill at least once in a month and the Executive 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 within 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 shall 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 shall be considered due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

Each intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory work of works pointed out to him during defect liability period.

The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the 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.

The Agency may issue a variation Order for procurement of works physical services from the original contract 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 contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation and subject to the limit not exceeding the contract cost by of 15% on the same conditions, in the rates on which he agreed to do them in the work, and at the same rates, as are specified in the order for the main work. The contractor has no right to claim for compensation by reason of variations or curtailment of the work.

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least, the nature of the work in the variation does not correspond with items in the Bill of Materials, the quotation by the contractor is to be in the form of new rates for the relevant items of work. But if the Engineer-In-Charge is satisfied that the rate quoted is within the rate worked out by a detailed rate analysis, and then only he shall allow him that rate after approval from higher authorities.

The time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

If the quantities of work executed result the Initial contract price to be exceeded by more than 15%, then Engineer can adjust the rates for those quantities causing excess the cost of contract by 15% after approval of Superintending Engineer.

Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

Clause 10: Quality Control.

Carrying Defects: If at any time before the security deposit is refunded to the contractor / during the 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 shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Uncorrected Defects:

In 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.

If the Engineer, considers that rectification / correction of a defect is not essential and it may be expedient or made use of it shall be within his direction to accept the same at such reduced rates as he may think fit therefore.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Inspection of Operations. The Engineer and his subordinates, shall at all responsible 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 same free access.

Orders for inspection and Testing. The Engineer shall give the contractor responsible notice of the time when the Engineer-In-Charge or his subordinate to visit the work shall have been given to the contractor, when he either himself be present to receive orders and instructions, or have a responsible person duly accredited in writing present for that purpose, orders given to the contractor's duly accredited agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

Examination of work before covering up.

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 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.

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 allowance shall be made for such work, or for the materials with which the same was constructed.

Liability for Risks. The contractor shall be responsible for all risks of loss of or damage to physical property, plant, facilities or related services at the premises and of personal injury and death which arise or result 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 payment shall be made by the contractor, the contractor shall make good the same at his own expense, or in default the Engineer shall cause the same to be made good by other workmen, and deduct the expenses from retention money held with the Engineer.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Clause-15 Sub-contracting. The contractor shall not subcontract the whole of the works, except as otherwise provided by the contract. The contractor shall not subcontract any part of the works without prior consent of the Engineer. Any such consent shall not relieve the contractor from any obligation under the contract and he shall be responsible for the acts, defaults and neglects of the contractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents servants or workman. The provisions of this contract shall apply to such contractor 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 settled between the parties, the decision of the Superintending Engineer, of the circle / office / division 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 conditions, hereinbefore mentioned and as to the quality of workmanship or materials used on the work as to any other questions specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of the 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. No 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 storage 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 aforesaid except for any sum actually realized by the sale thereof.

Clause-18 Financial Assistance / Advance Payment

Utilization Advance is not allowed.

Secured Advance against material brought at site.

Secured Advance may be permitted only against imperishable materials / quantities anticipated to be used and 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 materials on site shall not exceed 75% of the market price of materials.

Interest on Secured Advance paid to the contractor under the above provisions shall be affected by monthly payments on actual consumption basis, but not less than period more than three months (even if unutilized)

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

10 **Recovery as arrears of Land Revenue.** Any sum due to the Government by the
11 shall be liable for recovery as arrears of Land Revenue.

15-20 Refund of Security Deposit / Retention Money. On completion of the whole of the works it should be considered as complete for the purpose of refund of security deposit to a contractor (the 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 has also passed and the Engineer has certified that all defects notified to the contractor before expiry of this period have been corrected, the security deposit lodged by a contractor (in cash or in installments from his bills) shall be refunded to him after the expiry of three month from date on which the work is complete.

(FACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Quantities and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			

Amount Total (A)

% above / below on the Rates of CSR.

to be added / deducted on the basis of premium quoted **Total Part B**

of A+B in words and figures.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Allocation and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			
		Amount Total (B)		

ATTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Item of work: Construction of Compound Wall (Hindu Massan)

Source of A/C: Own Source (O.Z.T Share)

Qty	S. No.	Item of work	Rate	Unit	Amount
<p>Excavation in foundation of building bridges and other structures i/c digging, refilling around the structures with excavated Earth Watering ramming up to 5ft in ordinary Soil <u>(G.S.I – 18/P/4)</u></p>					
28.00 Cft		@ Rs. 3176.25	P%0Cft	Rs.	5,489-0
<p>Cement concrete bricks or stone ballest ½" to 2" gauge Ratio 1:4:8 <u>(G.S.I – 4/P/17)</u></p>					
40 Cft		@ Rs. 9416.28	P% Cft	Rs.	40,678-0
<p>Cement Concrete plain i/c placing Compacting finishing and curing complete i/c wetting and washing of stone aggregate without shuttering Ratio 1:3:6 <u>(G.S.I – 5/P/18)</u></p>					
2,84.00 Sft		@ Rs. 12595.00	P% Sft	Rs.	2, 84,143-0
<p>Construction and removal of centering for RCC or Plain C.C Work or deodars wood class (vertical) <u>(G.S.I No. 18, P-19)</u></p>					
12.00 Sft		@ Rs. 3127.41	P% Sft	Rs.	1, 41,109-0
<p>Formwork for R.C Work i/c all labour and material except the cost of steel reinforcement and its bending and biding which will be paid separately. This rate also includes all kinds of work, moulds lifting shuttering curing rendering and finishing the exposed surface i/c wetting and washing of shingle (a) R.C work in roof slab members laid in situ or precast and in position complete in a respect (i) Ratio 1:2:4 90 lbs cement 2 cft sand 4 cft shingle 1½" gauge. <u>(G.S.I – 6/P/16)</u></p>					
23.67 Cft		@ Rs. 337.00	P% Cft	Rs.	23,674-0
<p>Installation of mild steel reinforcement for cement concrete i/c cutting bending laying and joining making joints and fastening i/c cost of binding wire (also includes removal of rust from bars) <u>(G.S.I – 8, P/16)</u></p>					
14.10 Cwt		@ Rs. 5001.70	P. Cwt	Rs.	14,105-0
<p>Plaster Pacca Brick Work in other then building i/c striking of joints upto 20' ft height in cement, sand, mortar (1:6) <u>(G.S.I – 7/P/21)</u></p>					
15.98 Cft		@ Rs. 12346.65	P% Cft	Rs.	15,989-0
<p>Cement Plaster (1:6) up to 20' height ½" thick <u>(G.S.I – 11/P/58)</u></p>					
35.54 Cft		@ Rs. 2206.60	P% Sft	Rs.	35,548-0

Cement plaster (1:4) upto 12' eight 3/8" thick <u>(G.S.I – 11/P/58)</u>				
151.00 Sft	@ Rs. 2197.52	P% Sft	Rs.	35,402-0
Cement Pointing struck joint on walls (1:3) <u>(G.S.I – 11/P/57)</u>				
156.00 Sft	@ Rs. 1213.58	P% Sft	Rs.	27,378-0
Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x3/8" and 3/4" sq: bars 4" center to center with locking arrangement <u>(GSI No. 11, P-97)</u>				
57.00 Sft	@ Rs. 726.72	P% Sft	Rs.	43,603-0
<u>PAINTING NEW SURFACE</u>				
Preparing Surface and painting of door and window any type i/c Edges 3 coats <u>(GSI No. 05, P-6)</u>				
11.00 Sft	@ Rs. 2116.41	P% Sft	Rs.	2,540-0
White washing of two coats <u>(GSI No. 26, P-55)</u>				
135.00 Sft	@ Rs. 829.95	P% Sft	Rs.	37,472-0
Color washing of two coats <u>(GSI No. 24, P-60)</u>				
187.00 Sft	@ Rs. 859.90	P% Sft	Rs.	33,252-0
Total: -			Rs.	7, 40,383-0

CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Rain, Hill sand Cement shall be brought by the contractor from

OFFICE OF THE TOWN COMMITTEE WARAH



DISTRICT KAMBER-SHAHDADKOT

WARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

NAME OF WORK

CONSTRUCTION OF CC DRAINS, CC BLOCK IN
WARD NO. 14 TOWN WARAH

NIT SR: NO: 13
Standard Bidding Document

is intended as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

1. The bidding documents should provide the information necessary for bidders to prepare 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.

2. Matters governing the performance of the contract or payments under the contract, or matters effecting the rights, and obligations of the parties under the Contract are included as conditions of contract contract Data

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

4. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid Price. The interested bidder must have valid NTN also

5. Content of Bidding Documents must include but not limited to Conditions of Contract, Contract Form, Specifications or its reference, Bill of Quantities containing description of items with estimate premium to be filled in form of percentage above / below or on item rates to be awarded, form of Agreement and drawings.

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.

6. The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of M.P.R Rule 2010.

Conditional Officer:- 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 Schedule items shall be framed. Tenders which proposed any alternative in the works specified in the form of invitation to tender or in the time.

7. Tenders 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 a 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.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

- The works shall be measured by standard instructions according to the rules.
- Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
- Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidders.
- Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
- Bids without bid security of required amount and prescribed form shall be rejected.
- Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis:
 - 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.
 - 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 be 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.
 - Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BIDDING DATA

FACTORS:-

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

Executive / Procuring Agency	Town Committee Warah.
Description of Work	Rehabilitation of Disposal of Muhalla Ahmadi Tunio
Executive Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 2 000 (million)
Amount of Bid Security	
As a lump sum amount or in % age of bid amount	02%
(Not to exceed 5% of bid cost, but not exceeding 5%)	
Bid Validity (days)	60 Days (Not more than Sixty Days)
Security Deposit:-	
As a % of bid amount / estimated cost equal to	
Percentage, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
For submission of Bids along with Time	15-04-2016, 2:00 pm
Place and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Period for completion from written order of	
Commencement	06 Months
Penalty Damages:-	
As a % of Estimated Cost or Bid Cost per day of	Nil
Delay (Not total not exceeding 10%)	

Security Receipt	No: _____	Dated _____
	Amount Rs: _____	of _____
Signature	No: _____	Dated _____
	Rs: _____	
Initiated by Contractor	Part A _____	
	Part B _____	

(FOR)

ENGINEER
TOWN COMMITTEE WARAH

CONDITIONS OF CONTRACT

2. **Commencement and Completion Dates of work.** The contractor shall not enter upon or execute any portion or work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

4. **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 contractor. Payment of liquidated damages does not affect the contractor's liabilities.

5. **Termination of the Contract.**

- 5.1. The Agency / Executive Engineer, may terminate the contract if either of the following conditions are met:

- (a) Contractor causes a breach of any clause of the contract
- (b) The progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired
- (c) In the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause
- (d) Contractor can also request for termination of contract if a payment certified by the Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

- 5.2. Executive Engineer / Procuring Agency has power to adopt any of the following courses as may be deemed fit:

- (a) Forfeit the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (b) Realize the work by measuring the work done by the contractor

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

10. In the event of any of the above courses being adopted by the Executive Engineer / Procuring Agency the contractor shall have

(a) No claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials, or entered into any engagements or made any advance on account of or which a view to the execution of the work or the performance of the contract.

(b) 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 / Executive Engineer may invite fresh bids for remaining work

Clause-4 Possession of the site and claims for compensation for delay. The Engineer shall have 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 the work on account of any acquisition of land, water standing in borrow pits / compartments or according sanction to estimates. In such case, either date of commencement will be changed or date of completion is to be extended accordingly.

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own desire, before the date of completion or on desire of the contractor or on desire of the contractor to extend the intended completion date, if any event (which hinders the execution of contract) occurs or a variation order is issued with 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 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 Specification. The contractor shall execute the whole and every part of the work in the best substantial and workman like manner and both as regards materials and all other matters in accordance with the specifications lodged in the office of the Executive Engineer, and initialed by the parties, the said specification being a part of contract. The contractor shall also confirm strictly, fully and faithfully to the designs, drawings, and instruction in writing relating to the work issued by the Executive Engineer in-charge and lodge in his office and to which the contractor shall be allowed 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 have made copies of the specifications and of all such designs drawings, and instructions as aforesaid.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Clause-7 Payments

Interim / Running Bill. A bill shall be submitted by the contractor as the progress of the work can justify for all work executed and not included in any previous bill at least once in a month and the Executive 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 within 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 attestation to the measurement list will be sufficient to warrant and the Engineer-In-Charge shall 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 shall be considered due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

Each 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 ratification of defects and unsatisfactory items or works pointed out to him during defect liability period.

The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the 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 the bill.

Clause-9 Issuance of Variation and Repeat Orders.

The 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 contractor.

The Contractor shall not perform a variation until the procuring Agency has authorized the variation and 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 contract for the main work. The contractor has no right to claim for compensation by reason of delays or curtailment of the work.

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Since the nature of the work in the variation does not correspond with items in the Bill of Materials, the quotation by the contractor is to be in the form of new rates for the relevant items of work. If the Engineer-In-Charge is satisfied that the rate quoted is within the rate worked out by the related rate analysis, and then only he shall allow him that rate after approval from higher authorities.

4. Time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

5. If the quantities of work executed result the Initial contract price to be exceeded by more than 15%, then Engineer can adjust the rates for those quantities causing excess the cost of contract by 15% after approval of Superintending Engineer.

6. **Final Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

10: Quality Control.

1. **Trying Defects:** If at any time before the security deposit is refunded to the contractor / during the warranty 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 involve a defect due to use of unsound materials or unskillful workmanship and the contractor shall carry out a test at his own cost irrespective of work already approved or paid.

2. **Correction of Defects;** The contractor shall be bound forthwith to rectify or remove and reconstruct work so specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

Corrected Defects:

1. In 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 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.

2. If the Engineer, considers that rectification / correction of a defect is not essential and it may be avoided or made use of it shall be within his direction to accept the same at such reduced rates as he may therefore.

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Section of Operations. The Engineer and his subordinates, shall at all responsible 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 same access.

Access for Inspection and Testing. The Engineer shall give the contractor responsible notice of the time when 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 duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

4.12 Examination of work before covering up.

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 required to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and approving such part of the works or of examining such foundations.

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 allowance shall be made for such work, or for the materials with which the same was constructed.

4.13 Risks. The contractor shall be responsible for all risks of loss of or damage to physical property, plant or facilities or related services at the premises and of personal injury and death which arise or result 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 payment made, the contractor shall make good the same at his own expense, or in default the Engineer shall require the same to be made good by other workmen, and deduct the expenses from retention money, with the Engineer.

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

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Clause-15 Sub-contracting. The contractor shall not subcontract the whole of the works, except as 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 responsibility or obligation under the contract and he shall be responsible for the acts, defaults and neglects of his subcontractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents servants or workman. 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 / office / authority 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 documents hereinbefore mentioned and as to the quality of workmanship or materials used on the works or to any other questions specifications, estimates, instructions, orders or these conditions or instructions concerning the works, or the execution, or the failure to execute the same, whether arising before or 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. If no 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 storage or other 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 the same 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 unsold except for any sum actually realized by the sale thereof.

Clause 18 Financial Assistance / Advance Payment

Utilization Advance is not allowed.

Secured Advance against material brought at site.

Secured Advance may be permitted only against imperishable materials / quantities anticipated to be used / 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 materials on site shall not exceed 75% of the market price of materials.

The sum of Secured Advance paid to the contractor under the above provisions shall be affected by monthly payments on actual consumption basis, but not less than period more than three months (even if unutilized)

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

18-19 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.

18-20 Refund of Security Deposit / Retention Money. On completion of the whole of the works the work should be considered as complete for the purpose of refund of security deposit to a contractor on the first date on which its final measurements are checked by a competent authority, if such check is made any other date (otherwise from the last date of recording the final measurements) the defects notice has been also passed and the Engineer has certified that all defects notified to the contractor before the expiry of this period have been corrected, the security deposit lodged by a contractor (in cash or in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is complete.

(SIGNATURE OF CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Quantities and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			

Amount Total (A)

% above / below on the Rates of CSR.

Amount to be added / deducted on the basis of premium quoted **Total Part B**

Part A+B in words and figures.

(Signature of CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Description and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (B)

(SIGNATURE)

ENGINEER
TOWN COMMITTEE WARAH

SCHEDULE 'B'

Item of work: - Rehabilitation of Disposal of Ahmadi Tunio Muhalla Town Warah.

Source of A/C: **Own Source (O.Z.T Share)**

Sl. No.	Item of work	Rate	Unit	Amount
<u>Diesel Engine Set 16 BHP</u>				
01	Supplying & Installing in position i/c transporation to site of work Diesel Engine Pumping set consisting of Diesel Oil Engine 16 BHP (Golden made) model GD-1100B 2200 cc coupled with Golden Non Clogging Horizontal semi Ipen Impeller Pump Type GSWG-1600 4"x3" capable of desicharging 100 glns: per minute against a head of 47 ft i/c with pulley for Engine & Pump with Belt i/c installing of pumping set cement concrete foundation (1:2:4) & Ratio 1:4:8 with stone ballast with M.S nuts bolts of ½" to be installed in C.C foundation and testing for the puping set against the required head of 48 ft etc. <u>(R.A Attached)</u>			
01 Set.	@ Rs. 2, 05,000/=	P. Set		<u>Rs. 2, 05,000/=</u>
		Total: -		<u>Rs. 2, 05,000/=</u>
<u>Work No. 02: - Inter Connection of Pumping Machinery</u>				
01	Providing laying and fixing trenches i/c fitting jointing and testing etc: compete in all respect the high Density polyethylene P.E pipes (HDPE – 100) for W/S Confirming ISO 4427/DIN 8075 B.S 3580 & PSI 3051 <u>(PHSI-F, P-25)PN-10</u>			
300 Rft.	@ Rs. 530/=	P. Rft.		Rs. 30,740/=
01	C.I Sluice valve heavy pattern test pressure 21 kg/sq. cm or 300 lbs/sq inch <u>(SMI No. 1,P-11)</u>			
1 No.	@ Rs. 9,360/=	P. each		Rs. 18,720/=
01	Supplying Reflex Valve heavy pattern test pressure 21 kg/sq. cm 300 lbs:/sq: inch <u>(SMI No. C, P-11)</u>			
1 Nos.	@ Rs. 4,062/50	P. each		Rs. 16,250/=
01	Supplying C.I Foot Valve heavy pattern with cone type gate imported <u>(SMI No. 1, P-11)</u>			
1 Nos.	@ Rs. 1,381/25	P. each		Rs. 4,144/=
01	Supplying High Decsity P.E Tee (Equal) outer dia <u>(PHSMI No. D, P- 19) (PN-10)</u>			
1/2" Bend 90 Degree (160x160x160mm) 1x2 =		2. Nos.		
1 Nos.	@ Rs. 5,219/-	P. each		Rs. 36,533/=
01	Manufacturing & Installing M.S Flanges made out of M.S Sheet 3/8" thick i/c cutting turning holes etc complete <u>(Based on Schedule items)</u>			
1 Nos	@ Rs. 500/-	P. each		Rs. 5,000/=
01	Supplying tapered flat bottomed or cetral tapered flanged end with holes i/c turning facing and all sizes. <u>(PHSMI No. 7, P-11)</u>			
1/2 Cwt	@ Rs. 6,096/-	P. Cwt		Rs. 3,231/=

Jointing C.I M.S flanged pipe and specials flanged end inside trenches i/c supply rubber gasket of required thickness nuts bolts with washers and other tools required for jointing and testing the joints to the specified pressure etc complete **(PHSMI No. 1, P-33)**

100 Joints	@ Rs. 938/-	P. Joint	Rs. 11,256/=
2. Butt Fusion Joint (PHSMI-H. P-20)			
100 Joints	@ Rs. 1,000/-	P. Joint	Rs. 10,000/=
3. Supplying Flange Adopter (Non Schedule Item)			
100 Adapters	@ Rs. 2,025/-	P. Joint	Rs. 20,250/=
4. Supplying C.I Gibault Joints (PHSMI No. 14, P-17)			
450 Joints	@ Rs. 1,062/50	P. Joint	Rs. 4,250/=
Total: -			Rs. 1, 60,374/=

Sub Work No. 03: - P.E Pipe Rising Main

1. Excavation for pipe line in trenches i/c pits in soft soil i/c trimming and dressing sides to correct alignment and shape leveling of beds of trenches to correct level and grade cutting, filling holes & disposal of surplus earth within one chain or as directed by Engineer in charge i/c providing fence guards light flanges and temporary crossing for non vehicular traffic where ever required lift upto 5' and lead upto one chain. **(PHSI No. 2, P-46)**

100,000 Cft.	@ Rs. 3,600/=	P% 0Cft.	Rs. 50,400/=
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2. Providing laying and fixing trenches i/c fitting, jointing and testing etc: compete in all respect the high Density polyethylene P.E pipe (HDPE-1000) for W/S confirming ISO 9001/DIN 8074/8075 B.S 3580 & PSI 3051 **(PHSMI No. 1, P-10)**

2,000 Rft	@ Rs. 440/=	P. Rft	Rs. 8, 80,000/=
3. Supplying Blank Flanges (PHSMI No. 12, P-17)			
100 Flanges	@ Rs. 2,750/-	P. each	Rs. 33,000/=

High Density Polyethylene Fittings (PE 100)(PN-10)

4. Supplying Elbow 90 (outer dia) **(PHSMI No. A, P-18)**

100 Elbs.	@ Rs. 4,349/-	P. each	Rs. 43,490/=
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5. Supplying Butt Fusion Joints **(PHSMI No. , P- 20) (PN-10)**

100 Joints	@ Rs. 1,000/-	P. each	Rs. 12,000/=
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6. Supplying Flange Adopter **(Approved Rate)**

100 Ados.	@ Rs. 2, 025/-	P. each	Rs. 12,150/=
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7. Supplying Flange **(PHSMI No: 12, P-17)**

400 Fls.	@ Rs. 500/-	P. each	Rs. 4,000/=
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Jointing C.I M.S flanged pipe and specials flanged end inside trenches i/c supply rubber gasket of required thickness nuts bolts with washers and other tools required for jointing and testing the joints to the specified pressure etc complete **(PHSMI No. 1, P-33)**

100 Joints	@ Rs. 938/-	P. Joint	Rs. 9,380/=
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8. Refilling the excavated stuff in trenches in 6" thick for leveling dressing i/c watering tamping to full compaction etc complete **(PHSMI-No. 24. P-53)**

9. Excavated stuff to be refilled

100,000 Cft	@ Rs. 2,760/-	P%0 Cft	Rs. 34,776/=
			Rs. 10,79,196/=

Work No. 04: - Pump House

Excavation for foundation of building bridges & other structure i/c de bellling dressing, filling around the structure with excavated earth watering ramming lead upto one chain to depth 3' in ordinary soil <u>(CSI No. 18, P-6)</u>				
1000 cu.ft.	@ Rs. 3,176/25	P% 0Cft.	Rs.	448/=
Laying of track or stone ballast 1 1/2" 2" gauge Ratio: 1:4:8 <u>(CSI No. 4, P-16)</u>				
1000 cu.ft.	@ Rs. 9,416/28	P% Cft.	Rs.	7,905/=
Laying brick Work in Foundation and plinth in cement san mortar in 1:6 <u>(CSI No. 4(e), P-25)</u>				
1000 cu.ft.	@ Rs. 11,948/36	P% Cft.	Rs.	32,208/=
Laying brick Work in ground floor in cement sand mortar Ratio 1:4 <u>(CSI No. 5, P-20)</u>				
1000 cu.ft.	@ Rs. 12,674/36	P% Cft.	Rs.	47,284/=
Making and fixing steel grated door and window with 1/16" thick sheeting i/c angle 2"x2"x3/8" and 3/4" sq: bars 4" center to center with locking arrangement <u>(CSI No. 23, P-97)</u>				
1000 sq.ft.	@ Rs. 726/72	P% Sft.	Rs.	20,348/=
Fabrication of heavy steel work with angels tees. Flat iron heavy iron sheet for making tank, headers tank etc i/c cutting tank, drilling reverting, handling and assembling with welding excluding Erection in position <u>(GSI No. 28, P- 91)</u>				
1000 P. Cwt.	@ Rs. 4,928/49	P. Cwt.	Rs.	10,005/=
Applying & Fixing in position iron / steel grill of 3/4" x1/4" size flat iron of approved grade i/c painting 3 coats etc complete (weight not to be less than 3.7 lbs:/sq: feet on grill) <u>(GSI No. 26, P-92)</u>				
1000 sq.ft.	@ Rs. 180/50	P% Sft.	Rs.	4,332/=
Reinforcement cement concrete work i/c all labour and material accept the cost of reinforcement and its Labour for bending and binding which will paid separately. This work i/c all kinds of forms moulds, lifting shuttering curing rendering and finishing and plaster surface i/c screening and washing of shingle R.C.C work in roof, slab, beams, columns, rafts, lintels & other structural members laid in situ or precast laid in position etc <u>Ratio: 1:2:4 (GSI No: 6(a), P-19)</u>				
1000 Cft.	@ Rs. 337/-	P% Cft.	Rs.	34,998/=
Thick proof course with cement and shingle concrete 1:2:4 i/c of asphaltic 3" thick <u>(CSI No. 18, P-18)</u>				
1000 cu.ft.	@ Rs. 4,982/18	P% Sft.	Rs.	2,645/=
Fabrication of M.S reinforcement for C.C i/c cutting, bending laying position making and i/c cost of binding wire also i/c des removal of rust from bars. <u>(CSI No. 7, P- 18)</u>				
1000 Cwt.	@ Rs. 5,001/70	P. Cwt.	Rs.	20,857/=
Cement Plaster 1:6 1/2" thick upto 12' height <u>(CSI-No. 11. P-58)</u>				
1000 sq.ft.	@ Rs. 2,206/60	P% Sft.	Rs.	13,547/=
Cement Plaster pointing struck joints on walls 1:3 <u>(CSI-No. 19. P-28)</u>				
1000 sq.ft.	@ Rs. 1,213/58	P% Sft.	Rs.	6,244/=

Cement Plaster 1:4, 3/8" thick upto 12' height <u>(CSI-No. 11. P-53)</u>				
14.92 Sft.	@ Rs. 2,197/52	P% Sft.	Rs.	13,491/=
Providing and laying 1" thick C.C topping (1:2:4 ratio) i/c surface finishing and dividing in panels 3" thick <u>(CSI No.vol: III P-II item No. 6(c), P-42)</u>				
10.00 Sft.	@ Rs. 4,411/82	P% Sft.	Rs.	5,294/=
Primary coat of chalk ditemper <u>(CSI No. 28, P-60)</u>				
1.00 Sft.	@ Rs. 442/75	P% 0Sft.	Rs.	3,249/=
Distempering two coast. <u>(CSI No. 24, P-60)</u>				
1.41 Sft.	@ Rs. 1,043/90	P% 0Sft.	Rs.	13,032/=
Preparing surface & painting doors & windows of any type i/c edges <u>(GSI No. 5(c), P-69) 2 coats)</u>				
1.00 Sft.	@ Rs. 1,489/68	P% Sft.	Rs.	1,192/=
Soaking watering new earth <u>(CSI No. 29, P-25)</u>				
1.00 Cft.	@ Rs. 3,630/-	P% Sft.	Rs.	1,423/=
		Total: -	Rs.	2, 38,502/=

Work No. 05: - Repair of Civil Structure of Existing Disposal Work

1" thick or Stone ballast 1 1/2" gauge Ratio 1:4:8 <u>(CSI No. 4, P-16)</u>				
1.00 Cft.	@ Rs. 9,416/28	P% 0Cft.	Rs.	3,729/=
Hard brick Work other than building i/c striking of joints upto 20' height in cement and mortar 1:6 <u>(GSI No. 7, P-23)</u>				
1.00 Cft.	@ Rs. 12,346/65	P% Cft.	Rs.	48,275/=
Providing and laying 1" thick C.C topping (1:2:4 Ratio) i/c surface finishing and dividing in panels 3" thick <u>(CSI No. vol: III item No. 6, (c) P-42)</u>				
12.00 Sft.	@ Rs. 4,477/82	P% Sft.	Rs.	5,294/=
Cement Plaster 1:6 1/2" thick upto 12' height <u>(CSI-No. 11. P-58)</u>				
12.88 Sft.	@ Rs. 2,206/60	P% Sft.	Rs.	46,402/=
Cement Plaster 1:4 3/8" thick upto 12' height <u>(CSI-No. 11. P-53)</u>				
12.88 Sft.	@ Rs. 2,197/52	P% Sft.	Rs.	46,211/=
Cement Plaster pointing struck joints on walls 1:3 <u>(CSI-No. 19. P-28)</u>				
12.00 Sft.	@ Rs. 1,213/58	P% Sft.	Rs.	18,204/=
Primary coat of chalk ditemper <u>(CSI No. 28, P-60)</u>				
12.88 Sft.	@ Rs. 442/75	P% 0Sft.	Rs.	9,842/=
Distempering two coast. <u>(CSI No. 24, P-60)</u>				
12.88 Sft.	@ Rs. 1,043/90	P% 0Sft.	Rs.	37,610/=
		Total: -	Rs.	2, 15,567/=

GENERAL ABSTRACT OF COST

	<u>Schedule Items</u>	<u>Non. Sch. Items</u>	<u>G. Total</u>
Supplying Machinery	Rs.	Rs. 2, 05,000-0	Rs. 2, 05,000 0
Elect. Connection of P/Machinery	Rs. 1, 55,374-0	Rs. 5,000-0	Rs. 1, 60,374-0
Elect. Rising Main	Rs. 10, 67,046-0	Rs. 12,150-0	Rs. 10, 79,196-0
Pump House	Rs. 2, 38,502-0	Rs. -	Rs. 2, 38,502-0
Repair of Civil Structure	Rs. 2, 15,567-0	Rs. -	Rs. 2, 15,567-0
Total: -	Rs. 16, 76,489-0	Rs. 2, 22,150-0	Rs. 18, 98,639-0

CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respectively schedule of rates.

Contractor

Town Officer
Town Committee Warah

OFFICE OF THE TOWN COMMITTEE WARAH



DISTRICT KAMBER-SHAHDADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

NAME OF WORK

**IMPROVEMENT OF URBAN WATER SUPPLY
SCHEME WARAH, TOWN WARAH**

NIT SR: NO: 14

Standard Bidding Document

intended as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

Information 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.

Terms governing the performance of the contract or payments under the contract, or matters effecting risks, rights, and obligations of the parties under the Contract are included as conditions of contract in Contract Data

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

All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid Cost. The interested bidder must have valid NTN also

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 schedule premium to be filled in form of percentage above / below or on item rates to be quoted, form of Agreement and drawings.

- a) **Fixed Price Contracts:-** The Bid prices and rates are fixed during currency of contract and under not circumstance shall any contractor be entitled to claim enhanced rates for any item in the contract.

The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of TPR Rule 2010.

Additional Officer:- 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 Schedule Rates shall be framed. Tenders which proposed 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.

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ENGINEER
TOWN COMMITTEE WARAH

The works shall be measured by standard instructions according to the rules.

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

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

Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

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

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.

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.

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

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TOWN COMMITTEE WARAH

BIDDING DATA

1. NAME OF CONTRACTOR:-

(Information should be filled in by the Executive / Procuring Agency before issuance of the Bidding Documents)

Name of Procuring Agency	Town Committee Warah.
Description of Work	Improvement of Urban Water Supply Scheme Town Warah .
Executing Agency Address	Town Warah, Taluka Warah
Estimated Cost	Rs: 2.000 (million)
Amount of Bid Security:-	
Nil or lump sum amount or in % age of bid amount (not exceeding 5%)	02%
Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
Security Deposit:-	
Percentage of bid amount / estimated cost equal to	
Percentage, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
Deadline for submission of Bids along with Time	15-04-2016, 2:00 pm
Place, Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Period for completion from written order of the owner	06 Months
Penalty damages:-	
Percentage of Estimated Cost or Bid Cost per day of delay, but total not exceeding 10%)	Nil

Bank Deposit Receipt	No: _____	Dated _____
	Amount Rs: _____	of _____
Contractor's Stamp	No: _____	Dated _____
	Rs: _____	
Part A Quoted by Contractor	Part A	
	Part B	

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CONDITIONS OF CONTRACT

Clause-1 Commencement and 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 his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

Clause-2 Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate as may be 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.

The Procuring Agency / Executive Engineer, may terminate the contract if either of the following conditions exist:-

- 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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

The Executive Engineer / Procuring Agency has power to adopt any of the following courses as may be deemed 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

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amount of any of the above courses being adopted by the Executive Engineer / Procuring Agency contractor shall have

No claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials, or entered into any engagements or made any advance on account of or which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

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

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

Clause-5 Extension of Intended Completion Date. The Procuring Agency either at its own initiative, before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any event (which hinders the execution of contract) occurs or a variation order is issued with 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 Engineer in this matter shall be final; where time has been extended under this or any other clause of this 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.

Article-6 Specification. 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 accordance with the specifications lodged in the office of the Executive Engineer, and initialed by both parties, the said specification being a part of contract. The contractor shall also confirm to comply fully and faithfully to the designs, drawings, and instruction in writing relating to the work issued by the Executive 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 the hours and the contractor shall, if he so requires, be entitled at his own expense to have made copies of the specifications and of all such designs, drawings, and instructions as aforesaid.

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Clause-7 Payments

Interim / Running Bill. A bill shall be submitted by the contractor 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 Executive 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 within 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 shall 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.

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 ratification of defects and unsatisfactory items of works pointed out to him during defect liability period.

The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for completion of the work otherwise Engineer-In-Charge certificate of the measurement and of the 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 the bill.

Clause-9 Issuance of Variation and Repeat Orders.

The 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 contractor.

The contractor shall not perform a variation until the procuring Agency has authorized the variation and that 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 variations or curtailment of the work.

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

Disputes. All disputes arising in connection with the present contract, and which cannot be settled between the parties, the decision of the Superintending Engineer, of the circle / office / division / Engineer to awarding authority shall be final conclusive and binding on all parties to the contract. As all questions relating to the meaning of the specifications, designs, drawings, and materials hereinbefore mentioned and as to the quality of workmanship or materials used on the work or to any other questions specifications, estimates, instructions, orders or these conditions or as concerning the works, or the execution, of the failure to execute the same, whether arising during progress of the work, or after the completion or abandonment thereof.

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, unless 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 storage facilities including cleaning debris and dirt at the site. If the contractor fails to comply with requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove the same 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 left over except for any sum actually realized by the sale thereof.

Financial Assistance / Advance Payment

Retention Advance is not allowed.

Secured Advance against material brought at site.

Retention Advance may be permitted only against imperishable materials / quantities anticipated to be required / 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 materials on site shall not exceed 75% of the market price of materials.

Retention or Secured Advance paid to the contractor under the above provisions shall be affected by monthly payments on actual consumption basis, but not less than period more than three months (even if unutilized)

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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.

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

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BILL OF QUANTITIES

Quantities and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
	Attached Separately			

Amount Total (A)

_____ % above / below on the Rates of CSR.

_____ to be added / deducted on the basis of premium quoted **Total Part B**

Total A+B in words and figures.

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BILL OF QUANTITIES

Description and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (B)

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SCHEDULE 'B'

Kind of work: - Improvement of Urban Water Supply Scheme Warah, Town Warah.

Kind of A/C: Own Source (O.Z.T Share)

Qty	S. No.	Item of work	Rate	Unit	Amount
Providing laying and fixing trenches i/c fitting jointing and testing etc: complete in all work the high Density polyethylene P.E pipes (HDPE – 100) for W/S Confirming ISO 9001 DIN 8075 B.S 3580 & PSI 3051 <u>(PHSI-F, P-25)PN-10</u> <u>Main P.H Water Work Site.</u>					
100 Rft.		@ Rs. 1044/-	P. Rft.	Rs.	12,528/=
<u>@ Tube Well Site</u>					
100 Rft.		@ Rs. 685/-	P. Rft.	Rs.	55,485/=
Applying M.S Flanges <u>(PHSMI No. 12,P-17)</u>					
1 Nos.		@ Rs. 1218/-	P. each	Rs.	4,872/=
6 Nos.		@ Rs. 500/-	P. each	Rs.	3,000/=
1" CI Sluice valve heavy pattern test pressure 21 kg/sq. cm or 300 lbs/sq inch <u>(PHSMI No. 1,P-11)</u>					
1 No.		@ Rs. 17940/=	P. each	Rs.	17,940/=
1 No.		@ Rs. 9360/=	P. each	Rs.	18,720/=
1" CI Bend with flanges end with holes i/c turning & facing of flanges (for all sizes) <u>(PHSMI No. 1,P-11)</u>					
100 Cwt		@ Rs. 6096/-	P. each	Rs.	16,825/=
1" Supplying Reflex Valve heavy pattern test pressure 21 kg/sq. cm 300 lbs/sq: inch <u>(PHSMI No. C, P-11)</u>					
1 Nos.		@ Rs. 7312/50	P. each	Rs.	14,625/=
1 Nos.		@ Rs. 4062/50	P. each	Rs.	12,188/=
1" Supplying Hight Density P.E Elbow 90 outer dia PN-10 <u>(PHSMI No. 8, P-18)</u>					
1 Nos.		@ Rs. 8593/-	P. each	Rs.	17,186/=
1 Nos.		@ Rs. 5520/-	P. each	Rs.	16,560/=
1" Supplying Flange Adopter <u>(Non Schedule Item)</u>					
1 Nos.		@ Rs. 3200/-	P. each	Rs.	12,800/=
1 Nos.		@ Rs. 2025/-	P. each	Rs.	12,150/=

Butt fusion joint **(PHSMI – H, P-20)**

100 Joints.	@ Rs. 1800/-	P. Joints	Rs. 28,800/=
11. Jointing C.I / M.S flanges pipe and specials flanged ends inside trenches i/c supply rubber packing of required thickness nuts bolts with washers and other tools required for jointing and testing the joints to the specified pressure etc complete (PHSMI No. 1, P-33)			
100 Nos.	@ Rs. 940/-	P. Joint	Rs. 3,780/=
100 Nos.	@ Rs. 938/-	P. Joint	Rs. 5,628/=
Total: -			Rs. 2, 53,067/=

Work No. 02: - Rectification of Leakages in Rising Main

1. Rectification for pipe line in trenches i/c pits in soft soil i/c trimming and dressing sides to correct alignment and shape leveling of beds of trenches to correct level and grade cutting, filling holes & disposal of surplus earth within one chain or as directed by Engineer in charge i/c providing fence guards light flanges and temporary crossing for non vehicular traffic where ever required lift upto 5' and lead upto one chain. **(PHSI No. 2, P-46)**

1000.00 Cft.	@ Rs. 3,600/=	P% 0Cft.	Rs. 3,600/=
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2. Providing laying and fixing trenches i/c fitting, jointing and testing etc: complete in all trenches with the high Density polyethylene P.E pipe (HDPE-1000) for W/S confirming ISO 9001/EN 8074/8075 B.S 3580 & PSI 3051 **(PHSMI No. 1,P-10)**

1000 Rft	@ Rs. 6752/30	P. Rft	Rs. 6, 75,230/=
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3. Supplying Blank Flanges **(PHSMI No. 12, P-17)**

100 Nos.	@ Rs. 2,750/-	P. each	Rs. 22,000/=
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4. Supplying High Density Polyethylene Fittings (PE 100)(PN-10)

5. Supplying High Density P.E Equal Tee (outer dia) **(PHSMI No. D, P-19)**

100 Nos.	@ Rs. 8249/-	P. each	Rs. 8,249/=
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6. Supplying High Density P.E Elbow (Long) Radius 90(outer dia) **(PHSMI No. C, P-19)**

100 Nos.	@ Rs. 17436/60	P. each	Rs. 69,746/=
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7. Supplying Butt Fusion Joints. **(PHSI No. 11 P, 20)**

100 Nos.	@ Rs. 2200/-	P. each	Rs. 17,600/=
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100 Nos.	@ Rs. 1800/-	P. each	Rs. 5,400/=
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8. Supplying Flange Adopter **(Approved Rate)**

100 Nos. dia 1x2=2 Nos.	@ Rs. 4725/-	P. each	Rs. 9,450/=
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100 Nos. dia 1x4=4 Nos.	@ Rs. 8500/-	P. each	Rs. 34,000/=
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2. Refilling the excavated stuff in trenches in 6" thick for leveling dressing i/c watering tamping to full compaction etc complete (PHSMI-No. 24, P-53)

Excavated stuff to be refilled

1000 Cft.	@ Rs. 2760/-	P%0 Cft	Rs. 2,484/=
Total: -			Rs. 8,47,759/=

Work No. 02: - Inter Connection of Pumping Machinery

1. Dismantling & removing of road metalling (CSI No. 51 P.13)

1000 Cft.	@ Rs. 605/=	P% Cft.	Rs. 6,050/=
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2. Dismantling cement concrete plain 1:2:4 (CSI No. 19, (c) P.10)

1000 Cft.	@ Rs. 3327/50	P% Cft.	Rs. 33,275/=
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3. Dismantling cement concrete plain 1:4:8 (CSI No. 19, (c) P.10)

120.00 Cft.	@ Rs. 1663/75	P% Cft.	Rs. 21,962/=
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4. Excavation for pipe line in trenches i/c pits in soft soil i/c trimming and dressing sides to correct alignment and shape leveling of beds of trenches to correct level and grade cutting, trench holes & disposal of surplus earth within one chain or as directed by Engineer in Charge i/c providing fence guards light flanges and temporary crossing for non vehicular traffic where ever required lift upto 5' and lead upto one chain. (PHSI No. 2, P-46)

100.00 Cft.	@ Rs. 3,600/=	P% 0Cft.	Rs. 50,400/=
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5. Providing laying and fixing trenches i/c fitting, jointing and testing etc: compete in all respect the high Density polyethylene P.E pipe (HDPE-1000) for W/S confirming ISO 174/8075 B.S 3580 & PSI 3051 (PHSMI No. 1,P-25)

100.00 Rft	@ Rs. 440/-	P. Rft	Rs. 2,20,000/=
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100.00 Rft	@ Rs. 224/-	P. Rft	Rs. 2,24,000/=
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100.00 Rft	@ Rs. 148/-	P. Rft	Rs. 1,48,000/=
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6. Applying C.I Sluice valve heavy pattern test pressure 21 kg/sq. cm or 300 lbs/sq inch (PHSMI No. 2,P-11)

10 Nos.	@ Rs. 9360/=	P. each	Rs. 9,360/=
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7. Applying C.I Short Piece (PHSMI No. 9, P-15)

10 Nos.	@ Rs. 618/75	P. each	Rs. 2,475/=
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8. Applying C.I Reducers (PHSMI No. 11, P-15)

10 Nos.	@ Rs. 893/75	P. each	Rs. 1,788/=
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High Density Polyethylene Fittings (PE 100)(PN-10)

9. Applying Elbow 45(out dia) (PHSMI No. A, P-18)

10 Nos.	@ Rs. 3480/-	P. each	Rs. 3,480/=
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Supplying High Density P.E Equal Tee (outer dia) <u>(PHSMI No. D, P-19) (PN-10)</u>				
100.	@ Rs. 2483/-	P. each	Rs.	2,483/=
150.	@ Rs. 1676/-	P. each	Rs.	1,676/=
Supplying High Density P.E Un-Equal Tee (outer dia) <u>(PHSMI No. D, P-19) (PN-10)</u>				
100.	@ Rs. 3754/-	P. each	Rs.	3,754/=
150.	@ Rs. 3000/-	P. each	Rs.	3,000/=
Supplying High Density P.E Elbow (Long) Radius 90 (outer dia). <u>(PHSI No. C,P, 18)(PN-10)</u>				
80.	@ Rs. 5436/25	P. each	Rs.	5,436/=
100.	@ Rs. 1586/25	P. each	Rs.	1,586/=
150.	@ Rs. 1103/60	P. each	Rs.	1,104/=
Supplying C.I Tee (Equal) <u>(PHSMI No. 5, P-14)</u>				
150.	@ Rs. 1950/-	P. each	Rs.	1,950/=
Supplying C.I Tee (Un Equal) <u>(PHSMI No. 6, P-14)</u>				
150.	@ Rs. 3687/50	P. each	Rs.	3,688/=
Welding & Fixing M.S flange made out M.S Sheet <u>(Based on Schedule)</u>				
100.	@ Rs. 804/77	P. each	Rs.	3,219/=
Supplying flange Adopter <u>(Non Schedule Item)</u>				
150.	@ Rs. 2025/-	P. each	Rs.	4,050/=
Supplying C.I Gibault Joints <u>(PHSI No. 14, P-16)</u>				
100.	@ Rs. 1381/25	P. each	Rs.	2,763/=
150.	@ Rs. 1062/50	P. each	Rs.	2,125/=
200.	@ Rs. 731/25	P. each	Rs.	2,925/=
250.	@ Rs. 568/75	P. each	Rs.	2,275/=
Supplying High Density P.E Stable end places <u>(PHSI No. G, P-20)</u>				
150.	@ Rs. 2020/-	P. each	Rs.	2,020/=
200.	@ Rs. 1800/-	P. each	Rs.	7,200/=
Butt Fusion joints <u>(PHSI No. H, P-20)</u>				
100.	@ Rs. 600/-	P. Joint	Rs.	6,000/=
150.	@ Rs. 1000/-	P. each	Rs.	10,000/=

• Making joints to C.I specials fitting i/c laying and required diameter and testing the joints along with A.C pressure pipe line to specified pressure and testing the all leaky joints complete **(PHSI No. 1, P-49)**

1 Nos.	@ Rs. 72/-	P. Joint	Rs.	144/=
1 Nos.	@ Rs. 72/-	P. Joint	Rs.	144/=
4 Nos.	@ Rs. 62/-	P. Joint	Rs.	248/=
4 Nos.	@ Rs. 62/-	P. Joint	Rs.	248/=

• Refilling the excavated stuff in trenches in 6" thick layers for leveling dressing i/c tamping, ramming to full compaction etc complete **(PHSI No. 24, P-53)**

• Excavated stuff to be refilled item No. 1+2+3+4

18.00 Cft.	@ Rs. 2760/=	P% 0Cft.	Rs.	43,023/=
Total: -			Rs.	8,31,851/=

GENERAL ABSTRACT OF COST

	<u>Schedule Items</u>	<u>Non. Sch. Items</u>	<u>G. Total</u>
Water Connection of P/Machinery	Rs. 2,53,067-0	Rs. -	Rs. 2,53,067-0
Verification of Leakeges in R/M	Rs. 8,47,759-0	Rs. -	Rs. 8,47,759-0
2. P.I. Pipe Disstt: Systeme	Rs. 8,28,632-0	Rs. 3,219-0	Rs. 8,31,851-0
Total: -	Rs. 19,29,458-0	Rs. 3,219-0	Rs. 19,32,677-0

CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respective schedule of rates.

Contractor

Town Officer
Town Committee Warah

OFFICE OF THE TOWN COMMITTEE WARAH



DISTRICT KAMBER SHAHDADKOT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRACTOR

NAME OF WORK

IMPROVEMENT OF URBAN DRAINAGE
SCHEME WARAH, TOWN WARAH

NIT SR: NO: 15

Standard Bidding Document

intended as a model for admeasurements (Percentage Rate / Unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

Instruction to Bidders / Procuring Agencies

General Rules and Directions for the Guidance of Contractors

1. 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.

2. The terms governing the performance of the contract or payments under the contract, or matters effecting the rights, and obligations of the parties under the Contract are included as conditions of contract in Contract Data.

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

4. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tenders (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 documents and bid security either in lump sum or percentage of Estimated Cost / Bid amount. The interested bidder must have valid NTN also.

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

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.

6. The procuring Agency shall have right of rejecting all or any of the tenders as per provisions of CPMR Rule 2010.

7. **Conditional Officer:-** 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 Schedule items shall be framed. Tenders which proposed any alternative in the works specified in the form of invitation to tender or in the time.

8. 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.

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The works shall be measured by standard instructions according to the rules.

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

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

Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidders fulfill 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 documents. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

a. Without bid security of required amount and prescribed form shall be rejected.

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

1. 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.

2. 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 be 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.

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

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BIDDING DATA

CONTRACTOR:-

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

Name of Procuring Agency	Town Committee Warah.
Description of Work	Improvement of Urban Drainage Scheme Town Warah.
Procuring Agency Address	Taluka Warah.
Estimated Cost	Rs: 2.000 (million)
Method of Bid Security:-	
Minimum sum amount or in % age of bid amount	02%
(Estimated cost, but not exceeding 5%)	
Period of Bid Validity (days)	60 Days (Not more than Sixty Days)
Security Deposit:-	
in % age of bid amount / estimated cost equal to	
Rs: _____	
Percentage, if any, to be deducted from Bills	7.5% Income Tax & 8% Security Deposit
Deadline for submission of Bids along with Time	15-04-2016, 2:00 pm
Time and Date of Bid Opening	Town Committee Warah 15-04-2016 03.00 P.M
Period for completion from written order of	
the Engineer	06 Months
Liquidated damages:-	
Rate of Estimated Cost or Bid Cost per day of	Nil
delay (but total not exceeding 10%)	

Tender Deposit Receipt	No: _____	Dated _____
	Amount Rs: _____	of _____
Receipt	No: _____	Dated _____
	Rs: _____	
Sd/- Initialed by Contractor	Part A	
	Part B	

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CONDITIONS OF CONTRACT

Commencement and Completion Dates of work. The contractor shall not enter upon or execute any portion or work except with the written authority and instructions of the Engineer in-charge or his sub-ordinate in-charge of the work. Failing such authority the contractor shall have no claim for measurements of or payment of work.

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

Liquidated Damages; The contractor shall pay liquidated damages to the Agency at the rate as may be 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.

Termination of the Contract.

Procuring Agency / Executive Engineer, may terminate the contract if either of the following conditions exist:-

- (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 Executive Engineer, is not paid to the contractor within 60 days of the date of the submission of the bill.

Executive Engineer / Procuring Agency has power to adopt any of the following courses as may

- (i) Exploit the Security Deposit available except conditions mentioned at A (iii) and (iv) above
- (ii) Finalize the work by measuring the work done by the contractor

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in the event of any of the above courses being adopted by the Executive Engineer / Procuring Agency the contractor shall have

no claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials, or entered into any engagements or made any advance on account of or which a view to the execution of the work or the performance of the contract.

However, the contractor can claim for the work done at site duly certified by the Executive Engineer, in writing regarding the performance of such work and has not been paid.

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

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

Case-5 Extension of Intended Completion Date. The Procuring Agency either at its own initiative, before the date of completion or on desire of the contractor or on desire of the contractor may extend the intended completion date, if any event (which hinders the execution of contract) occurs or a variation order is issued with 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 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.

Case-6 Specification. 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 accordance with the specifications lodged in the office of the Executive Engineer, and initialed by both parties, the said specification being a part of contract. The contractor shall also confirm in writing and faithfully to the designs, drawings, and instruction in writing relating to the work issued by the Executive 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 take or cause to be made copies of the specifications and of all such designs drawings, and documents as aforesaid.

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Clause-7 Payments

Interim / Running Bill. A bill shall be submitted by the contractor 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 Executive 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 within 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 signature to the measurement list will be sufficient to warrant and the Engineer-In-Charge shall 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 shall be considered due and payable in respect thereof, subject to deduction of security deposit, advance payment and if any made to him and taxes.

Each intermediate payment shall be regarded as payments by way of advance against the final bill 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 ratification of defects and unsatisfactory items of works pointed out to him during defect liability period.

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 certificate of the measurement and of the 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.

The 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 contractor.

The Contractor shall not perform a variation until the procuring Agency has authorized the variation and shall be subject to the limit not exceeding the contract cost by of 15% on the same conditions, in the respects on which he agreed to do them in the work, and at the same rates, as are specified in the order for the main work. The contractor has no right to claim for compensation by reason of suspension or curtailment of the work.

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Also the nature of the work in the variation does not correspond with items in the Bill of Materials, 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 a detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.

Time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work.

When the quantities of work executed result the Initial contract price to be exceeded by more than 15% and then Engineer can adjust the rates for those quantities causing excess the cost of contract up to 15% after approval of Superintending Engineer.

Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject to a new contract to be tendered out if the works are separable from the original contract.

3.3 Quality Control.

Identifying Defects: If at any time before the security deposit is refunded to the contractor / during the 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 shall carry out a test at his own cost irrespective of work already approved or paid.

Correction of Defects; The contractor shall be bound forthwith to rectify or remove and reconstruct work so specified in whole or in part as the case may require. The contractor shall correct the defect within the Defects Correction Period mentioned in notice.

3.4 Uncorrected Defects:

In 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 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.

If the Engineer, considers that rectification / correction of a defect is not essential and it may be expedient or made use of it shall be within his direction to accept the same at such reduced rates as he may think fit therefore.

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ENGINEER
TOWN COMMITTEE WARAH

Inspection of Operations. The Engineer and his subordinates, shall at all responsible 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 same access.

Orders for Inspection and Testing. The Engineer shall give the contractor responsible notice of the time 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 person duly accredited in writing present for that purpose, orders given to the contractor's duly accredited agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

20-12 Examination of work before covering up.

No part of the works shall be covered up or put out of view / beyond the reach without giving notice of at least than five days to the Engineer, whenever any such part of the works or foundations is or are about to be ready for examination and the Engineer shall, without delay, unless he considers it necessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations.

If 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 allowance shall be made for such work, or for the materials with which the same was constructed.

20-13 Risks. The contractor shall be responsible for all risks of loss of or damage to physical property, facilities or related services at the premises and of personal injury and death which arise or result 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 shall cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

20-14 Measures for prevention of fire and safety measures. The contractor shall not set fire to or burn any jungle, trees, bush wood or grass without a written permit from the Executive Engineer. If a permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood etc. by fire the contractor shall take necessary measures to prevent such fire spreading to and otherwise damaging surrounding property. The contractor is responsible for the safety of all its work including protection of the environment on and off the site. Compensation of all damage done accidentally or unintentionally on or off the site by the contractor's labour shall be paid by him.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

15 Sub-contracting. The contractor shall not subcontract the whole of the works, except as 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 obligation under the contract and he shall be responsible for the acts, defaults and neglects of subcontractor, his agents, servants or workman as if these acts, defaults or neglects were those of the contractor, his agents servants or workman. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

16 Disputes. All disputes arising in connection with the present contract, and which cannot be settled between the parties, the decision of the Superintending Engineer, of the circle / office / authority higher to awarding authority shall be final conclusive and binding on all parties to the contract on all questions relating to the meaning of the specifications, designs, drawings, and details hereinbefore mentioned and as to the quality of workmanship or materials used on the works or to any other questions specifications, estimates, instructions, orders or these conditions or the execution, of the failure to execute the same, whether arising before or after the progress of the work, or after the completion or abandonment thereof.

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. No 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 disposal, facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the provisions of this clause then Engineer-in-charge, may at the expense of the contractor remove the same 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 realized except for any sum actually realized by the sale thereof.

18 Financial Assistance / Advance Payment

Utilization Advance is not allowed.

Secured Advance against material brought at site.

Advance may be permitted only against imperishable materials / quantities anticipated to be 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 materials on site shall not exceed 75% of the market price of materials.

Value of Secured Advance paid to the contractor under the above provisions shall be affected by monthly payments on actual consumption basis, but not less than period more than three months (if unutilized)

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

Case-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.

Case-20 Refund of Security Deposit / Retention Money. On completion of the whole of the works the work should be considered as complete for the purpose of refund of security deposit to a contractor (the 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 is 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 paid in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is complete.

(CONTRACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Description and Rate of Items based on Composite Schedule of Rates

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (A)

..... % above / below on the Rates of CSR.

..... to be added / deducted on the basis of premium quoted **Total Part B**

..... **Part A+B in words and figures.**

..... (FACTOR)

ENGINEER
TOWN COMMITTEE WARAH

BILL OF QUANTITIES

Quantity and Rate of Items based on Market (Offered Rates)

Quantities	Description of Item to be executed at site	Rate	Unit	Amount
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Attached Separately

Amount Total (B)

(Contractor)

ENGINEER
TOWN COMMITTEE WARAH

**ANNUAL PROCUREMENT PLAN
(WORKS, GOOD & SERVICES)
FINANCIAL YEAR 2015-2016**

S No	Name of Work	U-Cat. & Loka	Estimated Unit Cost (Where applicable)	Funds Allocated (Million)	Source of Funds, ADPs, Non ADPs	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
1	Const. of CC Drians CC Block & B/P in Ward No. 01 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
2	Const. of CC Drians CC Block & B/P in Ward No. 02 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
3	Const. of CC Drians CC Block & B/P in Ward No. 03 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
4	Const. of CC Drians CC Block & B/P from Van Stant upto Dr. Abdul Latif Kalhoro Clinic, via Badar Buriro, via Jurial Chhutto, via Post Office in Ward No. 4 Town Warah	Town Warah	-	5.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
5	Const. of CC Drians CC Block & B/P in Ward No. 05 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
6	Const. of CC Drians CC Block & B/P in Ward No. 06 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
7	Const. of CC Drians CC Block & B/P in Ward No. 07 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	
8	Const. of CC Drians CC Block & B/P in Ward No. 08 Town Warah	Town Warah	-	2.00 Million	Non ADPs	Single Stage one envelope	-	-	3rd Qtr.	-	

Table 1: Summary of the Town Warah Projects (2017-2020)

Sl. No.	Project Name	Location	Area (Sq. M)	Cost (M. Rs.)	Stage	Year	Quarter
10	Const. of CC Drains CC Block & R.P. in By-pass Road upto Tunjo Road, via Gudi Hospital, via Govt. Girls School in Town Warah.	Town Warah	2.00 M. Ton	Non ADPs	Single Stage one enva ope	-	3rd Qtr.
11	Const. of CC Drains CC Block & R.P. in By-pass Road upto Tunjo Road, via Gudi Hospital, via Govt. Girls School in Town Warah.	Town Warah	4.500 M. Ton	Non ADPs	Single Stage one enva ope	-	3rd Qtr.
12	Const. of Compound Wall (Hindu Massan)	Town Warah	1.00 M. Ton	Non ADPs	Single Stage one enva ope	-	3rd Qtr.
13	Renibilitation of Disposal of Ahmadi Tunjo Muhalla Town Warah	Town Warah	2.00 M. Ton	Non ADPs	Single Stage one enva ope	-	3rd Qtr.
14	Improvement of Urban Water Supply Scheme Warah	Town Warah	2.00 M. Ton	Non ADPs	Single Stage one enva ope	-	3rd Qtr.
15	Improvement of Urban Drainage Scheme Warah	Town Warah	2.00 M. Ton	Non ADPs	Single Stage one enva ope	-	3rd Qtr.

Town Officer
Town Committee Warah

OFFICE OF THE TOWN COMMITTEE WARAH, TALUKA WARAH

No. TCW/
Warah dated:-

NOTICE INVITING TENDERS.

Approval from Local Government Department Govt. of Sindh Karachi Letter No. SOIV(LG)1-294/2015 dt. 10-12-2015, sealed tender B.1 & B.2 forms are invited from all interested parties/Firms as per rules of SPPRA for following works.

Sr. No.	Name of Work	Estimated Cost	Earnest Money	Tender Fee	Time Period
01	Const. of CC Drains, CC Block in Ward No. 01 Town Warah	20,00,000/-	2%	3,000/-	6 Month
02	Const. of CC Drains, CC Block in Ward No. 02 Town Warah	20,00,000/-	2%	3,000/-	6 Month
03	Const. of CC Drains, CC Block in Ward No. 03 Town Warah	20,00,000/-	2%	3,000/-	6 Month
04	Const. of CC Drains, CC Block from Van Stand upto Dr. Latif Kalhoro Clinic, Via Badar Buriro, Via Jurial Chhutto, Via Post Office of Ward No. 04 Town Warah.	50,00,000/-	2%	3,000/-	6 Month
05	Const. of CC Drains, CC Block in Ward No. 05 Town Warah	20,00,000/-	2%	3,000/-	6 Month
06	Const. of CC Drains, CC Block in Ward No. 06 Town Warah	20,00,000/-	2%	3,000/-	6 Month
07	Const. of CC Drains, CC Block in Ward No. 07 Town Warah	20,00,000/-	2%	3,000/-	6 Month
08	Const. of CC Drains, CC Block in Ward No. 08 Town Warah	20,00,000/-	2%	3,000/-	6 Month
09	Const. of CC Drains, CC Block in Ward No. 09 Town Warah	20,00,000/-	2%	3,000/-	6 Month
10	Const. of CC Drains, CC Block in Ward No. 10 Town Warah	20,00,000/-	2%	3,000/-	6 Month
11	Construction of CC Drains, CC Block in By Pass Road from Puna Minor, upto Tumia Road, Via Civil Hospital, Via Girls School Town Warah.	45,00,000/-	2%	3,000/-	6 Month
12	Construction of Compound Wall of (Hindu Massan)	10,00,000/-	2%	3,000/-	6 Month
13	Rehabilitation of Disposal of Ahmadi Tumio Muhalla Town Warah	20,00,000/-	2%	3,000/-	6 Month
14	Improvement of Urban Water Supply Scheme Warah	20,00,000/-	2%	3,000/-	6 Month
15	Improvement of Urban Drainage Scheme Warah.	20,00,000/-	2%	3,000/-	6 Month

01. The Bidding documents will be issued from of publication in the newspaper/on website on payment of tender fee (non refundable) on any working day upto 15-04-2016.

02. Sealed tender will be received back on 18-04-2016 upto 02:00 PM and will be open on same date at 03:00 PM in the presence of intending contractor or their authorized representatives.

03. un responded/Rejected tender will be re-issued upto 06-05-2016 which will be receive back on 09-05-2016 upto 02:00 PM and will be opened on same date after one hour at 03:00 PM respectively.

04. No conditional/Telegraphic tender will be entertained.

05. Un-sealed tender will not be accepted.

06. No tender without call deposit or received after specified date and time will be considered.

07. Bid containing last cost method (Single stage one envelope).

08. The procuring agency reserves the right to reject all or any bid subject to the relevant provision of SPPRA rules 2010.

09. The contractor should have to register with PEC where-ever required and with Sindh Revenue Board.

**Town Officer
Town Committee Warah**

C.F.W.Cs to the:-

01. The Deputy Commissioner District Kamber Shahdadkot/a Kamber.

02. The Director Information (Advertisement) Publication Relation Department Barrack No. 96 Sindh Seeretaryat Shahrab-lraq Karachi in (07) copies for publishing the advertisement in three leading daily newspapers.

03. The Director SPPRA Sindh Karachi.

04. The Director General Rural Development Department Government of Sindh Karachi.

05. The Administrator Town Committee Warah

Copy to the:-

01. The Engineer Town Committee Warah for information and preparing the Detailed Working Estimates.

02. All concerned.

03. Notice board.

**Town Officer
Town Committee Warah**

SCHEDULE 'B'

Kind of work: Improvement of Urban Drainage Scheme Warah, Town Warah.

Est A/C: **Own Source (O.Z.T Share)**

Qty:	S. No.	Item of work	Rate	Unit	Amount
<u>Diesel Engine Set 16 BHP</u>					
Supplying & Installing in position i/c transportation to site of work Diesel Engine Pump set consisting of Diesel Oil Engine 16 BHP (Golden made) model GD-1100B 2200 cc. Equipped with Golden Non Clogging Horizontal semi Ipen Impeller Pump Type GSWG-10 size 4"x3" capable of discharging 100 glns: per minute against a head of 47 ft i/c Engine, pulley for Engine & Pump with Belt i/c installing of pumping set cement concrete foundation (1:2:4) & Ratio 1:4:8 with stone ballast with M.S nuts bolts of ½" to be embedded in C.C foundation and testing for the puping set against the required head of 48 ft etc. <u>(R.A Attached)</u>					
1 P. Set.		@ Rs. 2, 05,000/=	P. Set		<u>Rs. 2, 05,000/=</u>
			Total: -		<u>Rs. 2, 05,000/=</u>
<u>Work No. 02: - Inter Connection of Pumping Machinery</u>					
Providing laying and fixing trenches i/c fitting jointing and testing etc: complete in all section the high Density polyethylene P.E pipes (HDPE – 100) for W/S Confirming ISO 9001 DIN 80/5 B.S 3580 & PSI 3051 <u>(PHSI-F, P-25)PN-10</u>					
1000 Rft.		@ Rs. 530/=	P. Rft.		Rs. 30,740/=
Supplying Gluice valve heavy pattern test pressure 21 kg/sq. cm or 300 lbs/sq inch <u>(PSMI No. 1,P-11)</u>					
10 Nos.		@ Rs. 9,360/=	P. each		Rs. 18,720/=
Supplying Reflex Valve heavy pattern test pressure 21 kg/sq. cm 300 lbs/sq: inch <u>(PSMI No. C, P-11)</u>					
10 Nos.		@ Rs. 4,062/50	P. each		Rs. 16,250/=
Supplying C.I Foot Valve heavy pattern with cone type gate imported <u>(PSMI No. 1, P-11)</u>					
10 Nos.		@ Rs. 1,381/25	P. each		Rs. 4,144/=
Supplying High Deesity P.E Tee (Equal) outer dia <u>(PHSMI No. D, P- 19) (PN-10)</u>					
1000 Nos.		@ Rs. 5,219/-	P. each		Rs. 36,533/=
Manufacturing & Installing M.S Flanges made out of M.S Sheet 3/8" thick i/c cutting turning holes etc complete <u>(Based on Schedule items)</u>					
1000 Nos.		@ Rs. 500/-	P. each		Rs. 5,000/=
Supplying C.I tapered flat bottomed or cetral tapered flanged end with holes i/c turning facing turning all sizes. <u>(PHSMI No. 7, P-11)</u>					
1000 Cwt		@ Rs. 6,096/-	P. Cwt		Rs. 3,231/=

Jointing C.I M.S flanged pipe and specials flanged end inside trenches i/c supply rubber gaskets of required thickness nuts bolts with washers and other tools required for jointing and testing the joints to the specified pressure etc complete **(PHSMI No. 1, P-33)**

1000.00 Cft.	@ Rs. 938/-	P. Joint	Rs.	11,256/=
Butt Fusion Joint (PHSMI-H. P-20)				
1000.00 Cft.	@ Rs. 1,000/-	P. Joint	Rs.	10,000/=
Applying Flange Adopter (Non Schedule Item)				
1000.00 Cft.	@ Rs. 2,025/-	P. Joint	Rs.	20,250/=
Applying C.I Gibault Joints (PHSMI No. 14, P-17)				
1000.00 Cft.	@ Rs. 1,062/50	P. Joint	Rs.	4,250/=
Total: -			Rs.	1, 60,374/=

Work No. 03: - P.E Pipe Rising Main

Excavation for pipe line in trenches i/c pits in soft soil i/c trimming and dressing sides to alignment and shape leveling of beds of trenches to correct level and grade cutting, filling & disposal of surplus earth within one chain or as directed by Engineer i/c providing fence guards light flanges and temporary crossing for non vehicular traffic where ever required lift upto 5' and lead upto one chain. **(PHSI No. 2, P-46)**

1000.00 Cft. @ Rs. 3,600/= P% 0Cft. Rs. 50,400/=

Providing laying and fixing trenches i/c fitting, jointing and testing etc: compete in all work with the high Density polyethylene P.E pipe (HDPE-1000) for W/S confirming ISO 9001/2008 8074/8075 B.S 3580 & PSI 3051 **(PHSMI No. 1, P-10)**

1000.00 Rft @ Rs. 440/= P. Rft Rs. 8, 80,000/=

Applying Blank Flanges **(PHSMI No. 12, P-17)**

1000.00 Nos. @ Rs. 2,750/- P. each Rs. 33,000/=

High Density Polyethylene Fittings (PE 100)(PN-10)

Applying Elbow 90 (outer dia) **(PHSMI No. A, P-18)**

1000.00 Nos. @ Rs. 4,349/- P. each Rs. 43,490/=

Applying Butt Fusion Joints **(PHSMI No. , P- 20) (PN-10)**

1000.00 Nos. @ Rs. 1,000/- P. each Rs. 12,000/=

Applying Flange Adopter **(Approved Rate)**

1000.00 Nos. @ Rs. 2, 025/- P. each Rs. 12,150/=

Applying Flange **(PHSMI No: 12, P-17)**

1000.00 Nos. @ Rs. 500/- P. each Rs. 4,000/=

Jointing C.I M.S flanged pipe and specials flanged end inside trenches i/c supply rubber gaskets of required thickness nuts bolts with washers and other tools required for jointing and testing the joints to the specified pressure etc complete **(PHSMI No. 1, P-33)**

1000.00 Joints @ Rs. 938/- P. Joint Rs. 9,380/=

Refilling the excavated stuff in trenches in 6" thick for leveling dressing i/c watering ramming to full compaction etc complete **(PHSMI-No. 24. P-53)**

Excavated stuff to be refilled

1000.00 Cft @ Rs. 2,760/- P%0 Cft Rs. 34,776/=

Rs.10, 79,196/=

Work No. 04: - Pump House

Excavation for foundation of building bridges & other structure i/c de bellling dressing, filling & round the structure with excavated earth watering ramming lead upto one chain into 5' in ordinary soil **(CSI No. 18, P-6)**

100 Cft. @ Rs. 3,176/25 P% 0Cft. Rs. 448/=

1/2" Brick or stone ballast 1 1/2" 2" gauge Ratio: 1:4:8 **(CSI No. 4, P-16)**

100 Cft. @ Rs. 9,416/28 P% Cft. Rs. 7,905/=

Common brick Work in Foundation and plinth in cement san mortar in 1:6 **(CSI No. 4(e), P-25)**

100 Cft. @ Rs. 11,948/36 P% Cft. Rs. 32,208/=

Common brick Work in ground floor in cement sand mortar Ratio 1:4 **(CSI No. 5, P-20)**

100 Cft. @ Rs. 12,674/36 P% Cft. Rs. 47,284/=

Making and fixing steel grated door and window with 1/16" thick sheeting i/c angle 2"x2"x3/8" and 3/4" sq: bars 4" center to center with locking arrangement **(CSI No. 23, P-97)**

100 Sft. @ Rs. 726/72 P% Sft. Rs. 20,348/=

Erection of heavy steel work with angels tees. Flat iron heavy iron sheet for making tank graders tank etc i/c cutting tank, drilling reverting, handling and assembling with up but excluding Errection in position **(GSI No. 28, P- 91)**

100 Cwt. @ Rs. 4,928/49 P. Cwt. Rs. 10,005/=

Supplying & Fixing in position iron / steel grill of 3/4" x1/4" size flat iron of approved grade i/c painting 3 coats etc complete (weight not to be less than 3.7 lbs:/sq: feet on ground (iii)) **(GSI No. 26, P-92)**

100 Cft. @ Rs. 180/50 P% Sft. Rs. 4,332/=

Reinforcement cement concrete work i/c all labour and material accept the cost of reinforcement and its Labour for bending and binding which will paid separately. This include i/c all kinds of forms moulds, lifting shuttering curing rendering and finishing and exposed surface i/c screening and washing of shingle R.C.C work in roof, slab, beams, columns, rafts, lintels & other structural members laid in situ or precast laid in position etc **Ratio: 1:2:4 (GSI No: 6(a), P-19)**

100 Cft. @ Rs. 337/- P% Cft. Rs. 34,998/=

Imp proof course with cement and shingle concrete 1:2:4 i/c of asphaltic 3" thick **(GSI No. 28, P-18)**

100 Sft. @ Rs. 4,982/18 P% Sft. Rs. 2,645/=

Lubrication of M.S reinforcement for C.C i/c cutting, bending laying position making binding i/c cost of binding wire also i/c des removal of rust from bars. **(CSI No. 7, P- 18)**

100 Cft. @ Rs. 5,001/70 P. Cwt. Rs. 20,857/=

Cement Plaster 1:6 1/2" thick upto 12' height **(CSI-No. 11. P-58)**

100 Sft. @ Rs. 2,206/60 P% Sft. Rs. 13,547/=

Cement Plaster pointing struck joints on walls 1:3 **(CSI-No. 19. P-28)**

100 Sft. @ Rs. 1,213/58 P% Sft. Rs. 6,244/=

1. Cement Plaster 1:4, 3/8" thick upto 12' height <u>(CSI-No. 11. P-53)</u>				
13.42 Sft.	@ Rs. 2,197/52	P% Sft.	Rs.	13,491/=
2. Providing and lying 1" thick C.C topping (1:2:4 ratio) i/c surface finishing and dividing in panels 3" thick <u>(CSI No.vol: III P-II item No. 6(c), P-42)</u>				
170.00 Sft.	@ Rs. 4,411/82	P% Sft.	Rs.	5,294/=
3. Primary coat of chalk ditemper <u>(CSI No. 28, P-60)</u>				
13.42 Sft.	@ Rs. 442/75	P% 0Sft.	Rs.	3,249/=
4. Chitempering two coast. <u>(CSI No. 24, P-60)</u>				
13.41 Sft.	@ Rs. 1,043/90	P% 0Sft.	Rs.	13,032/=
5. Preparing surface & painting doors & windows of any type i/c edges <u>(GSI No. S(c), P-69) 2 coats)</u>				
11.90 Sft.	@ Rs. 1,489/68	P% Sft.	Rs.	1,192/=
6. Filling watering new earth <u>(CSI No. 29, P-25)</u>				
1.20 Cft.	@ Rs. 3,630/-	P% Sft.	Rs.	1,423/=
		Total: -	Rs.	2, 38,502/=

Work No. 05: - Repair of Civil Structure of Existing Disposal Work

1. C.C Brick or Stone ballast 1 1/2" gauge Ratio 1:4:8 <u>(CSI No. 4, P-16)</u>				
91.60 Cft.	@ Rs. 9,416/28	P% 0Cft.	Rs.	3,729/=
2. Raced brick Work other than building i/c striking of joints upto 20' height in cement mortar 1:6 <u>(GSI No. 7, P-23)</u>				
1.30 Cft.	@ Rs. 12,346/65	P% Cft.	Rs.	48,275/=
3. Providing and laying 1" thick C.C topping (1:2:4 Ratio) i/c surface finishing and dividing panels 3" thick <u>(CSI No. vol: III item No. 6, (c) P-42)</u>				
12.00 Sft.	@ Rs. 4,477/82	P% Sft.	Rs.	5,294/=
4. Cement Plaster 1:6 1/2" thick upto 12' height <u>(CSI-No. 11. P-58)</u>				
112.88 Sft.	@ Rs. 2,206/60	P% Sft.	Rs.	46,402/=
5. Cement Plaster 1:4 3/8" thick upto 12' height <u>(CSI-No. 11. P-53)</u>				
112.88 Sft.	@ Rs. 2,197/52	P% Sft.	Rs.	46,211/=
6. Cement Plaster pointing struck joints on walls 1:3 <u>(CSI-No. 19. P-28)</u>				
11.00 Sft.	@ Rs. 1,213/58	P% Sft.	Rs.	18,204/=
7. Primary coat of chalk ditemper <u>(CSI No. 28, P-60)</u>				
112.88 Sft.	@ Rs. 442/75	P% 0Sft.	Rs.	9,842/=
8. Chitempering two coast. <u>(CSI No. 24, P-60)</u>				
112.88 Sft.	@ Rs. 1,043/90	P% 0Sft.	Rs.	37,610/=
		Total: -	Rs.	2, 15,567/=

GENERAL ABSTRACT OF COST

	<u>Schedule Items</u>	<u>Non. Sch. Items</u>	<u>G. Total</u>
1. Pumping Machinery	Rs. -	Rs. 2, 05,000-0	Rs. 2, 05,000-0
2. Water Connection of P/Machinery	Rs. 1, 55,374-0	Rs. 5,000-0	Rs. 1, 60,374-0
3. 15" Pipe Rising Main	Rs. 10, 67,046-0	Rs. 12,150-0	Rs. 10, 79,196-0
4. Pump House	Rs. 2, 38,502-0	Rs. -	Rs. 2, 38,502-0
5. Repair of Civil Structure	Rs. 2, 15,567-0	Rs. -	Rs. 2, 15,567-0
Total: -	<u>Rs. 16, 76,489-0</u>	<u>Rs. 2, 22,150-0</u>	<u>Rs. 18, 98,639-0</u>

CONDITIONS

01. No cartage of any material will be paid separately.
02. No premium will be allowed on Non schedule items.
03. Work shall be carried out as per TMA Specifications.
04. Material such as Bajri, Hill sand Cement shall be brought by the contractor from the places mentioned in the estimate.
05. Any error / omission in the rates, unit & description will be governed by the respective schedule of rates.

Contractor

Town Officer
Town Committee Warah