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## OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION THATTA

NEAR SESSION COURT & S.P OFFICE THATTA @ MAKLI

No: TC/1503, THATTA Dated: 28 / 04 / 2017

### NOTICE INVITING TENDER

Tenders are invited from interested reputed contractors/company/forms registered with PEC having sufficient experience in the related field against work mentioned as under on standard bidding documents medium as per Sindh Public Procurement Regulatory Authority Rules-2010.

S.#	Name of Work	Estimated Cost (in Million)	2% Bid Security	Tender Fee	Time of Completion
<b>OPERATION &amp; MAINTENANCE SCHEMES</b>					
1.	Repair of Delivery Main and Sump Well for Rural Water Supply Scheme Jungshahi (O/M) District Thatta	0.935	18700	1000	45 Days.
2.	Repair of Delivery Main and Sump Well for Rural Water Supply Scheme Keenjhar Lake (O/M) District Thatta.	0.539	10800	1000	45 Days
3.	Repair & Maintenance for Rural Water Supply Scheme Umaid Ali Soomro (O/M) District Thatta.	0.500	10000	1000	45 Days.
4.	Repair of Disposal Work for Rural Drainage Scheme Ver (O/M) District Thatta.	0.425	8500	1000	45 Days.
5.	Repair of Existing Structure for Rural Water Supply Scheme Haji Usman Jalbani (O/M) District Thatta.	0.590	11800	1000	45 Days.
6.	Repair of Low Service Reservoir for Rural Water Supply Scheme Uddasi (O/M) District Thatta.	0.453	8000	1000	45 Days.
7.	Providing & Installing 22 BHP Diesel Engine Pumping Machinery i/c Suction & Delivery for Rural Water Supply Scheme Ghulamullah (O/M) District Thatta.	0.400	8000	1000	45 Days.
8.	Repair of Delivery Main 6" dia for Rural Water Supply Scheme Gujjo (O/M) District Thatta	0.554	11100	1000	45 Days.
<b>PROVINCIAL ADP SCHEME</b>					
9	Supplying and Laying PVC Cable four Core 35mm i/c Excavation & Refilling with PVC Pipe Casing for Improvement of Water Supply Scheme Mirpur Sakro City Ward-II District Thatta.	0.482	9000	1000	45 Days.

#### MANDATORY REQUIREMENTS.

- a) Affidavit in which the bidder undertakes that it is not involved in any litigation.
- b) National Tax Number Certificate & Annual Return Statement of FBR for the year 2015.
- c) Affidavit in which it should be undertaken that the information provided is true and correct.
- d) Affidavit that the bidders has not been black listed by any Government / Semi Government / Autonomous body.
- e) Sindh Revenue Board Registration Certificate.

Tender documents shall be issued to the firms qualifying the above mentioned conditions.


Then blank tender forms can be obtained from office of the undersigned on application upto 1:00 PM of **15-05-2017** on payment of tender fee specified against each work. Tenders will be recieved back on dated:**16-05-2017** upto 2:00 P.M & will be opened on same date upto 3:00 P.M being Executive Engineer / Chairman in the presence of Committee Members, Contractors of their authorized representative. The blank tender form can be obtained from office of the undersigned being Executive Engineer / Chairman in the presence of Committee Members, Contractors or their authorized representative. The tenders without 2% Earnest money shall not be accepted. Earnest Money of un-successful bidders shall be returned after issuance of work orders of successful bidders.

Conditional or Telegraphic Tenders will not be entertained.

This tender notice (NIT) can also be seen on the Sindh Government website at [www.sindh.gov.pk](http://www.sindh.gov.pk) as well as SPPRA website at [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)

In case of any kind of Pumping Machinery, Pumps & Pipes provided by the contractors must be provide invoice of authorized dealer / factory in Name of Executive Engineer, PHE Division Thatta with sale tax paid certificate other wise sales tax will be deducted from their bills as per government policy. The undersigned payment made to contractor after receiving verification certificate from authorized dealer / factory of Pumping Machinery, Pumps & Pipes.

Procuring agency may reject all or any bid subjected to relevant provision of PPRA Rules-2010.

  
( MUKHTIAR ALI )  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGINEERING  
DIVISION THATTA

Copy forwarded with compliments for his kind information to:-

1. The Chief Engineer, Public Health Engineering Department Government of Sindh Hyderabad for his kind information.
2. The Director (C.B) Sindh Public Procurement Regulatory Authority (SPPRA) Government of Sindh Barrack No.08 Secretariat No.04-A, Court Road Karachi. Along with demand draft No.0968716 amounting to Rs.2000/- in the name of Director (A&F) SPPRA Government of Sindh.
3. The Superintending Engineer, Public Health Engineering Circle Hyderabad for his kind information.
4. The Members of Procurements Committee for information.
5. Assistant Engineer's (All), Under Public Health Engineering Division Thatta for information.
6. Copy to All Head of Branches PHE Division Thatta for information.
7. Copy to Notice Board for Local Publicity.
8. Copy to office file

  
( MUKHTIAR ALI )  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGINEERING  
DIVISION THATTA



GOVERNMENT OF SINDH  
PUBLIC HEALTH ENGINEERING  
DEPARTMENT

Karachi dated the 6<sup>th</sup> May, 2013.

**NOTIFICATION**

No.SO(T)/PHE/SPPRA-Rules/2013 (pt-II). In exercise of powers conferred by Rule-7 of SPP Rules-2010, the Division wise Departmental Procurement Committees are hereby constituted in Public Health Engineering Department as under:-

S.	NAME OF PHE DIVISION	PROCUREMENT COMMITTEE	CHAIRMAN/MEMBER
01.	Hyderabad	Executive Engineer, PHE, Division No. 1 Hyderabad	Chairman
		Executive Engineer, Education Works Division Hyderabad	Member
		Assistant Engineer, PHE Sub-Division. Qasimabad	Member
2	Jamshoro	Executive Engineer, PHE, Division Jamshoro	Chairman
		Executive Engineer, Education Works, Division Hyderabad	Member
		Assistant Engineer, PHE, Sub-Division Jamshoro	Member
3	Thatta	Executive Engineer, PHE, Division Thatta	Chairman
		Executive Engineer, Education Works Division Thatta	Member
		Assistant Engineer, PHE, Sub-Division No. 1 Thatta	Member
4	Tando Muhammad Khan	Executive Engineer, PHE, Division Tando Muhammad Khan	Chairman
		Executive Engineer, Education Works Division Tando Muhammad Khan	Member
		Executive Engineer, PHE, Sub-Division No. II Tando Muhammad	Member

5	Badin	Executive Engineer, PHE, Division Badin	Chairman
		Executive Engineer, Education Works Division Badin	Member
		Assistant Engineer, PHE, Sub-Division Tando Bago	Member
6	Matiari	Executive Engineer, PHE, Division Matiari	Chairman
		Divisional Accounts Officer Hala Divn. Irrigation Department Hyderabad	Member
		Assistant Engineer, PHE, Sub-Division Matiari	Member
7	Karachi	Executive Engineer, PHE, Division Karachi	Chairman
		Executive Engineer, Local Government Deptt. Karachi	Member
		Executive Engineer, PHE, Sub- Division No. IV Karachi	Member
8	Mirpurkhas	Executive Engineer, PHE, Division Mirpurkhas	Chairman
		Assistant Engineer, Building Division Works & Services Deptt. Mirpurkhas	Member
		Assistant Engineer, PHE, Sub-Division No. II Mirpurkhas	Member
9	Tando Allahyar	Executive Engineer, PHE, Division Tando Allahyar	Chairman
		Executive Engineer, Highway Division Tando Allahyar	Member
		Assistant Engineer, PHE, Division No. II Tando Allahyar	Member
10	Sanghar	Executive Engineer, PHE, Division Sanghar	Chairman
		Assistant Engineer, Education Works Sub-Division Sinjhor	Member
		Assistant Engineer, PHE Sub-Divn, Qazi Ahmed Sinjhor	Member
11	Tharparkar @ Mithi	Executive Engineer, PHE, Division Tharparkar @ Mithi	Chairman
		Executive Engineer, Education Works & Services Tharparkar @ Mithi	Member

12	<b>Umerkot</b>	Executive Engineer, PHE, Division Umerkot	Chairman
		Executive Engineer, Education & Works Division Umerkot	Member
		Assistant Engineer, PHE, Sub-Division Kunri	Member
13	<b>Sukkur</b>	Executive Engineer, PHE, Division Sukkur	Chairman
		Executive Engineer, Highway Division Sukkur	Member
		Assistant Engineer PHE, Sub-Division No. II Sukkur	Member
14	<b>Ghotki @ Mirpur Mathelo</b>	Executive Engineer, PHE, Division Ghotki @ Mirpur Mathelo	Chairman
		Executive Engineer, Education Works District Ghotki	Member
		Assistant Engineer, PHE, Sub-Division No. III Ghotki	Member
15	<b>Khairpur-I</b>	Executive Engineer, PHE, Division No. 1 Khairpur	Chairman
		Executive Engineer, Provincial Highway N° Feroze at Khairpur	Member
		Assistant Engineer, PHE, Sub-Division No. III Khairpur	Member
16	<b>Khairpur-II @ Ranipur</b>	Executive Engineer, PHE, Division No. II Khairpur @ Ranipur	Chairman
		Executive Engineer, Irrigation East Division Khairpur	Member
		Assistant Engineer, PHE, Sub-Division Gambat	Member
17	<b>Naushahro Feroze</b>	Executive Engineer, PHE, Division Naushahro Feroze	Chairman
		Assistant Engineer, Highway Sub-Division Mehrabpur	Member
		Assistant Engineer, PHE, Sub-Division Naushahro Feroze	Member

24	Kashmore @ Kandhkot	Executive Engineer, PHE, Division Kashmore @ Kandhkot	Chairman
		Executive Engineer, Roads Kashmore @ Kandhkot	Member
		Assistant Engineer, PHE, Sub-Division No. I Kashmore @ Kandhkot	Member

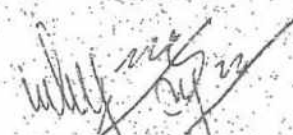
Terms of reference of the Committees:

1. Preparing bidding documents
2. Carrying out technical as well as financial evaluation of the bids
3. Preparing evaluation report as provided in Rule 45
4. Making recommendations for the award of contract to the competent authority; and
5. Perform any other function ancillary and incidental to the above

**S.M. KALEEM MAKKI**  
Secretary to Government of Sindh

A copy forwarded for information & necessary action to:-

- The Accountant General Sindh, Karachi.
- The Administrative Secretaries (all) in Sindh.
- The Commissioner (all) in Sindh.
- The Chief Engineer, PHED, Hyderabad / Sukkur.
- The Director, Procurement Regulatory Authority Sindh Karachi.
- The Deputy Commissioner (all) in Sindh.
- The Superintending Engineer, PHED (all) in Sindh.
- The Executive Engineer, PHE, Division (all) in Sindh.
- PS to Secretary, PHED, Govt. of Sindh, Karachi.
- Additioanal Secretary, PHED, Govt. of Sindh, Karachi.

  
(**ABDUL GHAFFAR SHAIKH**)  
Section Officer (Technical)



Ph: 022-9210410.  
Fax: 022-9210411.  
ce.phed.hyd@gmail.com

OFFICE OF THE CHIEF ENGINEER  
PUBLIC HEALTH ENGG: DEPARTMENT  
GOVERNMENT OF SINDH

NO: GM/PHED/ 206 /2016.  
Hyderabad dated 17/2 /2016.

**OFFICE ORDER:**

In Exercise of the power confirmed under Rule 31 of the Sindh public procurement Rules 2010 (amended 2013), the following committee is hereby constituted to redress grievances / complaints that may arise during procuring proceedings in PHE Division Thatta.

Mr. Anjeener Lal Superintending Engineer PHE Circle Hyderabad.	Chairman
Mr. Ameer Azam Wasan Executive Engineer Highway Division Thatta.	Member
Mr. Karrar Raza Divisional Accounts Officer PHE Division Thatta.	Member

The Committee shall act in accordance with the rule 31 of Sindh public procurement rules 2010 (amended 2013).

(NAFEES AHMED SHAIKH)  
CHIEF ENGINEER

PUBLIC HEALTH ENGG: DEPARTMENT  
GOVT: OF SINDH HYDERABAD.

C.C. to the:-

Manager (Assessment-IV) Sindh Public Procurement Regulatory Authority Govt: of Sindh Karachi for information.

Superintending Engineer, PHE Circle Hyderabad for information with reference to his letter No: GM/27 dated 16-02-2016.

Executive Engineer PHE Division Thatta for information with reference to his letter No: TC/164 dated 11-02-2016.

Mr. Ameer Azam Wasan Executive Engineer Highway Division Thatta for information.

Mr. Karrar Raza Divisional Accounts Officer PHE Division Thatta for information.

**(Annexure-A)**


**PROCUREMENT PLAN (Development)**

Serial No/ ADP No:	Name of Scheme & Estimated Cost	Allocated Funds	Cost of ongoing works (Expenditure already incurred)	Funds ongoing works	Cost of new works (components)	Funds for New works	Nature of Procurement	Method of Procurement	Anticipated / Actual Date of Advertisement	Anticipated/ Actual Date of Start	Anticipated/ Actual Date of Completion
1	2	3	4	5	6	7	8	9	10	11	12
<b><u>OPERATION &amp; MAINTENANCE SCHEMES.</u></b>											
1	Repair of Delivery main and Sump Well for Rural Water Supply Scheme Jungshahi (O/M) (0.935)	5.000	0.000	0.000	<b>Rs. 0.935</b> 1. PVC Pipe 3"dia 2500 Rft 2. PVC Pipe 6"dia 400 Rft 3. Sump Well 1 No	5.000	Execution of Supplying work	Single Stage Envelope	-	After issue of Work Order	06/2017
2	Repair of Delivery main and Sump Well for Rural Water Supply Scheme Keenjhar Lake (O/M) (0.539)				<b>Rs. 0.539</b> (Delivery main repair) 1. G.I. Pipe 3"dia 300 Rft 2. G.I. Pipe 6"dia 100 Rft 3. Sump Well 1 No (Distribution system) 1. PVC Pipe 3"dia 1500 Rft		Execution of Repair work	Single Stage Envelope	-	After issue of Work Order	06/2017
3	Repair & Maintenance for Rural Water Supply Scheme Umaid Ali Soomor. (0.500)				<b>Rs. 0.500</b> 1. Repair of Storage tank 2. Repair of Stone masonry chamber 3. Repair of L.SR 4. Rewinding of Electric motor.		Execution of Repair work	Single Stage Envelope	-	After issue of Work Order	06/2017



Serial No/ ADP No:	Name of Scheme & Estimated Cost	Allocated Funds	Cost of ongoing works (Expenditure already incurred)	Funds ongoing works	Cost of new works (components)	Funds for New works	Nature of Procurement	Method of Procurement	Anticipated / Actual Date of Advertisement	Anticipated/ Actual Date of Start	Anticipated/ Actual Date of Completion
1	2	3	4	5	6	7	8	9	10	11	12
4	Repair of Disposal work for Rural Water Supply Scheme ver (O/M) (0.425)				<b>Rs.0.425</b> 1.Repair of Pump House 2. Repair of Collecting tank 3. Repair of S/Chmaber 4. Repair of Compound Wall		Execution of Repair work	Single Stage Envelope	-	After issue of Work Order	06/2017
5	Repair of Existing Structure for Rural Water Supply Scheme Haji Usman Jalbani (O/M) (0.590)				<b>Rs.0.590</b> 1. Repair of Storage Tank 2. Repair of L.S.R. 3. PVC Pipe 3"dia 500 Rft		Execution of Repair work	Single Stage Envelope	-	After issue of Work Order	06/2017
6	Repair of Low Service Reservoir for Rural Water Supply Scheme Uddasi (O/M). (0.453)				<b>Rs.0.453</b> Repair of L.S.R.		Execution of Repair work	Single Stage Envelope	-	After issue of Work Order	06/2017
7	Providing & Installing 22 BHP Diesel Engine Pumping Machinery i/c Suction & Delivery for Rural Water Supply Scheme Ghulamullah (O/M). (0.400)				<b>Rs.0.400</b> 1. Providing & Installing Pumping Machinery Diesel Engine 22 BHP 01 Set		Execution of Supplying work	Single Stage Envelope	-	After issue of Work Order	06/2017
8	Repair of Delivery main 6"dia for Rural Water Supply Scheme Gujjo (O/M). (0.554)				<b>Rs. 0.554</b> 1. Delivery main PVC Pipe 6"dia 1200 Rft		Execution of Repair work	Single Stage Envelope	-	After issue of Work Order	06/2017


Serial No/ ADP No:	Name of Scheme & Estimated Cost	Allocated Funds	Cost of ongoing works (Expenditure already incurred)	Funds ongoing works	Cost of new works (components)	Funds for New works	Nature of Procurement	Method of Procurement	Anticipated / Actual Date of Advertisement	Anticipated/ Actual Date of Start	Anticipated/ Actual Date of Completion
1	2	3	4	5	6	7	8	9	10	11	12
<b>PROVINCIAL ADP SCHEME</b>											
1	Supplying and Laying PVC Cable four core 35mm i/c Excavation & refilling with PVC pipe casing for Improvement of Water Supply Scheme Mirpur Sakro City Ward-II (0.482)				Rs. 0.482 1. Providing & Laying (main or sub main) PVC insulated PVC sheet with 4 core copper conductor 600/1300 volt size 35mm. 185 Meter		Execution of Supplying work	Single Stage Envelope	-	After issue of Work Order	06/2017

  
 (MUKHTIAR ALI)  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG:DIVISION  
 THATTA.

ANNEXURE-II  
PROCUREMENT PLAN (Non-Development)

S. No	Found Head & Sub head	Name of work and break up	Allocated Found and break up for different locations/sites	Items to be executed	Method of Procurement	Anticipated/Actual of Advertisement	Anticipated/Actual Date of Start	Anticipated/Actual Date of Completion	Remarks
1	2	3	4	5	6	7	8	9	10

-----NIL-----

  
(MUNIR ALI)  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
THATTA

# **SPPRA BIDDING DOCUMENT**

**STANDARD BIDDING DOCUMENT**

**PROCUREMENT OF WORKS**

*(For Contracts Costing up to Rs 2.5 MILLION)*

*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.

## Instructions to Bidders/ Procuring Agencies.

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

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

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

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

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

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

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

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

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

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

6. All works shall be measured by standard instruments according to the rules.
7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
10. Bid without bid security of required amount and prescribed form shall be rejected.
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;
  - (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
  - (B) **In case of item rates**, If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
  - (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

## BIDDING DATA

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

- (a). Name of Procuring Agency \_\_\_\_\_
- (b). Brief Description of Works \_\_\_\_\_
- (c). Procuring Agency's address:- \_\_\_\_\_
- (d). Estimated Cost:- \_\_\_\_\_
- (e). Amount of Bid Security:- \_\_\_\_\_ (Fill in lump sum amount or in % age of bid amount /estimated cost, but not exceeding 5%)
- (f). Period of Bid Validity (days):- \_\_\_\_\_ (Not more than sixty days).
- (g). Security Deposit:- (including bid security):- \_\_\_\_\_ (in % age of bid amount /estimated cost equal to 10%)
- (h). Percentage, if any, to be deducted from bills :- \_\_\_\_\_
- (i). Deadline for Submission of Bids along with time :- \_\_\_\_\_
- (j). Venue, Time, and Date of Bid Opening:- \_\_\_\_\_
- (k). Time for Completion from written order of commence: - \_\_\_\_\_
- (L). Liquidity damages:- \_\_\_\_\_ (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m). Deposit Receipt No: Date: Amount: (in words and figures)

~~EXECUTIVE ENGINEER  
PUBLIC WORKS DIVISION  
RAJAPUR  
RAJAPUR~~  
(Executive Engineer/ Authority issuing bidding document)

## Conditions of Contract

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

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

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

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

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



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

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

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

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

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

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

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

**Clause – 7: Payments.**

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

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

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

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

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

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

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

- work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
  - (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.
  - (E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
  - (F) **Repeat Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

**Clause-10: Quality Control.**

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
  - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

**Clause – 11:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Contractor

Divisional Accountant

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENCO; DIVISION  
Executive Engineer/Procuring Agency

**BILL OF QUANTITIES**

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

Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6

Amount TOTAL (a)

----- % above/below on the rates of CSR.      Amount to be added/deducted on the basis  
Of premium quoted.      TOTAL (b)

Total (A) = a+b in words & figures:


Contractor

  
**EXECUTIVE ENGINEER**  
 PUBLIC HEALTH ENCG; DIVISION  
 THATTA  
 Executive Engineer/Procuring Agency

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

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

Total (B) in words & figures:

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG. DIVISION  
Executive Engineer/Procuring Agency

Contractor



Summary of Bill of Quantities.

Cost of Bid


Amount

1. (A) Cost based on Composite Schedule of Rates.

2. (B) Cost based on Non/Offered Schedule of Rates.

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

Contractor

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG. DIVISION  
THATTA  
Executive Engineer/Procuring Agency

# PUBLIC HEALTH ENGG: DIVISION THATTA



## STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T.No.PHE/TC/1503, Dated:28-04-2017

Name of Work:- REPAIR OF DELIVERY MAIN & SUMP WELL FOR RURAL WATER SUPPLY SCHEME JUNGSHAHI (O/M) DISTRICT THATTA (Work No.1)

Issued to M/s \_\_\_\_\_ Government Contractor

D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ Tender Fee Rs:-1000/-

Date of Issue 15/05/2017 Date of Opening 16/05/2017

STANDARD BIDDING DOCUMENT IS INTENDED AS A MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF QUANTITIES TYPES OF CONTRACT THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTS.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
THATTA

## BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	Repair of Delivery Main & Sump Well for Rural Water Supply Scheme Jungshahi (O/M) District Thatta.
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 0.935 Million
(e)	Amount of Bid Security:-	Rs:-1,8,700/-
(f)	Period of Bid Validity (Days):-	(15 Days)
(g)	Security Deposit (i/c Bid Security):-	(10 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	15-05-2017 2.:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	PHE Division Thatta on 16-05-2017 at 3.00 P:M
(k)	Time for completion from written order of Commence:-	45 Days.
(l)	Liquidity Damages:-	(01% On Estimated Cost)Per day subject to Minimum of 08%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG. DIVISION  
THATTA.

**BILL OF QUANTITY**  
**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE**  
**SCHEDULE OF RATES**

**NAME OF WORK:** REPAIR OF DELIVERY MAIN & SUMP WELL FOR  
RURAL WATER SUPPLY SCHEME JUNGSHAHI (O/M)  
DISTRICT THATTA.

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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**GROUP: "A" DELIVERY MAIN**

1. Excavation for pipe line in trenches and pits in Hard Soil i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joints holes and disposal of surplus earth within a one chain as directed by Engineer In charge providing fence guards lights flags and temporary crossing for non-vehicular traffic wherever required lift upto 5ft (1-52mm) and lead upto one chain (30x50) (P.H.S.I.No: 3 P/61).  

15500 Cft                      @ Rs. 3900/-                      P:%0Cft                      Rs: 60450/-
2. Excavation for pipe line in trenches and pits in Hard Rock by hammering and chiseling trimming and dressing sides to true alignment and shape leveling of beds trenches to correct level and grade cutting joint holes and disposal of surplus earth within one chain as directed by Engineer in charge i/c providing fence guards lights flags and temporary crossing for non-vehicular traffic wherever required lift upto 5'ft and lead upto one chain (P.H.S.I.No: 10 P/64).  

3100.00 Cft                      @ Rs. 24150/-                      P:%0 Cft                      Rs:74865/-
3. Providing Laying Jointing & Testing UPVC Pressure Pipe of Class "B" (Equivalent Make) fixing in trenches i/c cutting fitting and jointing with "Z" joint with one rubberring i/c testing with water (PHSINo.E (i) P/22)  
3" dia  

2500.00 Rft                      @ Rs. 90/-                      P: Rft                      Rs:225000/-

6" dia  

400.00 Rft                      @ Rs. 262/-                      P: Rft                      Rs:104800/-
4. PVC / C.I Specials for PVC Pipe etc complete.
  - i. Bend 90<sup>o</sup> 3" dia  

2.00 Nos                      @ Rs. 475/-                      Each                      Rs:950/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
	<b>ii. Tee Equal 6"x6"x6"</b>				
	1.00 No @ Rs. 1950/-	Each			Rs:1950/-
	<b>iii. Tee Equal 3"x3"x3"</b>				
	2.00 No @ Rs. 968.75/-	Each			Rs:1938/-
	<b>iv. Short Piece 6" dia</b>				
	4.00 No @ Rs. 618.75/-	Each			Rs:2475/-
	<b>v. Short Piece 3" dia</b>				
	4.00 No @ Rs. 375/-	Each			Rs:1500/-
	<b>vi. Reducer 10" x 6"</b>				
	1.00 No @ Rs. 1637.50/-	Each			Rs:1638/-
	<b>vii. Reducer 4" x 3"</b>				
	1.00 No @ Rs. 568.75/-	Each			Rs:569/-
	<b>viii. C.I D/End 3" dia</b>				
	3.00 No @ Rs. 368/75	Each			Rs:1106/-
	<b>ix. C.I Gibault Joint 8" dia</b>				
	4.00 No @ Rs. 1381/25	Each			Rs:5525/-
	<b>x. C.I Gibault Joint 6" dia</b>				
	2.00 Rft @ Rs. 1062/50	Each			Rs:2125/-
	<b>xi. C.I Gibault Joint 4" dia</b>				
	2.00 Rft @ Rs. 731/25	Each			Rs:1463/-
	<b>xii. C.I Gibault Joint 3" dia</b>				
	4.00 Rft @ Rs. 568/75	Each			Rs:2275/-
5.	C.I Sluice valve heavy pattern. (Test pressure 21.0 kg/sq cm or 300 lb/sq.inch imported.)				
	<b>6" dia</b>				
	1.00 Joint @ Rs: 9360/-	P: Joint			Rs: 9360/-
	<b>3" dia</b>				
	2.00 Joint @ Rs:4290/-	P: Joint			Rs: 8580/-
6.	Providing Chamber 2-1/3'x1 1/2" (750x750mm) inside dimension 4 1/2 (1372mm) deep as per approved design for sluice valve 3" to 12" dia with 18" (457mm) dia inside cast iron cover and frame (wt-1 cwt 3 sq) fixed in RCC 1:2 Slab 4" dia (102mm) thick with 5 Ibs steel per Cft 9" (299mm) thick brick masonry walls set in 1:6 cement mortar 6" (152mm) 1:2:4 flooring 1/2" (125mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at very one foot beyond 2 1/2 ft depth curing excavation back filling and disposal of surplus etc. (P.H.S.I.No: : P: 90).				
	4.00 Nos @ Rs. 18820/-	Each			Rs: 75280/-

Sl. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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7. Reffling excavated the stuff in trenches 6" thick layers i/c watering ramming to full compaction etc complete (P.H.S.NO: 324/ P54)

16740.00 Cft @ Rs: 2760/- P: %0Cft Rs: 46202/-  
**Total Rs:**

**GROUP: "B" SUMP WELL**

1. Excavation in rock, dressed to designed section, grades & profiles, excavated material disposed of within 100'ft lift upto 5'ft, Soft Rock, Slate, Schist, or Laterite work with pick and Crow bar (GSINo.6 (a) P/2)

3141.39 Cft @ Rs. 7260/- P:%0Cft Rs:22806/-

2. Providing Laying RCC Pipe of ASTM C-76-62 T/C 76-70 of Class-II Wall B and fixing in trenches i/c Cutting fitting and jointing with rubber ring i/c testing (PHSINo.B (i) P/17).

64.00 Rft @ Rs.412/- P: Rft Rs: 26368/-

3. Reffling excavated the stuff in trenches 6" thick layers i/c watering ramming to full compaction etc complete (P.H.S.NO: 324/ P54)

2827.25 Cft @ Rs. 2760/- P%0 Cft Rs: 7803/-

4. Cement Concrete Plain i/c Placing Compacting Finishing and Curing Complete i/c Screening and Washing at Stone aggregate (GSINo.5 P/15)

96.04 Cft @ Rs:-14429/25 P% Cft Rs:- 13858/-

5. **For Electric Motor / Service Wire.**

Providing and Laying (Main or Sub Main) PVC Insulated & PVC Sheeted with 4 Core Copper Conductor 600/1000 Volts Size 70mm<sup>2</sup>.

50.00 Meter @ Rs: 4722/- P: Meter Rs: 236100/-

**Total Rs:**

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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A B S T R A C T

Group 'A' Delivery Main

Rs: \_\_\_\_\_

Group 'B' Branch Main

Rs: \_\_\_\_\_

Total

Rs: \_\_\_\_\_


Amount Total (a) Rs: \_\_\_\_\_ /-

\_\_\_\_\_ % above / below on the rates of CSR, Amount to be added / deducted on the basis

Total (b) of premium quoted \_\_\_\_\_

Total (A) = a + b in works & Figures \_\_\_\_\_

CONTRACTORS

  
 ( MUKHTIAR ALI )  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGINEERING  
 DIVISION THATTA

# PUBLIC HEALTH ENGG: DIVISION THATTA



## STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T.No.PHE/TC/1503 Dated:28-04-2017

Name of Work:- REPAIR OF DELIVERY MAIN & SUMP WELL FOR RURAL WATER SUPPLY SCHEME KEENJHAR LAKE (O/M) DISTRICT THATTA (Work No.2)

Issued to M/s \_\_\_\_\_ Government Contractor

D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ Tender Fee Rs:-1000/-

Date of Issue 15/05/2017 Date of Opening 16/05/2017

STANDARD BIDDING DOCUMENT IS INTENDED AS A MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF QUANTITIES TYPES OF CONTRACT THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTS.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
THATTA



## BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	Repair of Delivery Main & Sump Well for Rural Water Supply Scheme Keenjhar Lake (O/M) District Thatta
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 0.539 Million
(e)	Amount of Bid Security:-	Rs:-1,08,00/-
(f)	Period of Bid Validity (Days):-	(15 Days)
(g)	Security Deposit (i/c Bid Security):-	(10 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	15-05-2017 2.:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	PHE Division Thatta on 16-05-2017 at 3.00 P:M
(k)	Time for completion from written order of Commence:-	45 Days
(l)	Liquidity Damages:-	(01% On Estimated Cost)Per day subject to Minimum of 08%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
THATTA.

**BILL OF QUANTITY**  
**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE**  
**SCHEDULE OF RATES**

**NAME OF WORK:** REPAIR OF DELIVERY MAIN & SUMP WELL FOR RURAL WATER SUPPLY SCHEME KEENJHAR LAKE (O/M) DISTRICT THATTA

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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**GROUP: "A" REPAIR OF DELIVERY MAIN**

1. Excavation for pipe line in trenches and pits in Hard Soil i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joints holes and disposal of surplus earth within a one chain as directed by Engineer In charge providing fence guards lights flags and temporary crossing for non-vehicular traffic wherever required lift upto 5ft (1-52mm) and lead upto one chain (30x50) (P.H.S.I.No: 3 P/61).  

1200.00 Cft	@ Rs. 24150/-	P:%0Cft	Rs: 28980/-
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2. Providing Laying Jointing & Testing G.I Pipe of approved quality to be tested with pressure headof 200'ft (Rate Approved).  

<b><u>6" dia</u></b>			
100.00 Rft	@ Rs. 772/04	P: Rft	Rs:77204/-
<b><u>3" dia</u></b>			
300.00 Rft	@ Rs. 338/17	P: Rft	Rs:101451/-
  
3. Providing & Installing M.S Flanged 3/8" thick M.S Sheet with drilling holes i/c nuts & bolts etc complete.(Rate Approved).  

<b><u>6" dia</u></b>			
10.00 No	@ Rs. 804/77	Each	Rs:8048/-
<b><u>3" dia</u></b>			
30.00 No	@ Rs. 500/89	Each	Rs:15027/-
  
4. Jointing C.I/M.S Flanged Pipe and Specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts and bolts with washer etc (PHSINO.M (I) P/40).  

<b><u>6" dia</u></b>			
5.00 Joints	@ Rs. 938/-	P: Joint	Rs:4690/-
<b><u>3" dia</u></b>			
7.00 Joints	@ Rs. 499/-	P: Joint	Rs:3493/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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5.	Providing Chamber 2-1/3'x1 1/2" (750x750mm) inside dimension 4 1/2 (1372mm) deep as per approved design for sluice valve 3" to 12" dia with 18" (457mm) dia inside cast iron cover and frame (wt-1 cwt 3 sq) fixed in RCC 1:2 Slab 4" dia (102mm) thick with 5 Ibs steel per Cft 9" (299mm) thick brick masonry walls set in 1:6 cement mortar 6" (152mm) 1:2:4 flooring 1/2" (125mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at very one foot beyond 2 1/2 ft depth curing excavation back filling and disposal of surplus etc. (P.H.S.I.No: : P: 90).	2.00 Nos	@ Rs:18820/-	Each	Rs: 37640/-
6.	C.I Sluice valve heavy pattern test pressure 21.00 kg / sq cum or 300 Lbs etc complete. <b>6" dia</b> 1.00 No @ Rs. 5460/- Each Rs: 5460/- <b>3" dia</b> 1.00 No @ Rs. 4290/- Each Rs: 4290/-				
7.	Reffling excavated the stuff in trenches 6" thick layers i/c watering ramming to full compaction etc complete (P.H.S.NO: 324/ P54)	1080.00 Cft	@ Rs: 2760/-	P:%0 Cft	Rs: 2981/-
				<b>TOTAL</b>	<b>Rs:289500/-</b>

**GROUP: "B" DISTRIBUTION SYSTEM**

1.	Excavation for pipe line in trenches and pits in Hard Soil of murum i/c trimming an dressing sides to ture alignment and shape leveling of beds joints holes and disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards light flags and temporary crossing for non-vehicular traffic wherever required lift upto 5ft and lead upto one chain (P.H.S.I.No: 1 P/60).	7500 Cft	@ Rs. 3900/-	P:%0Cft	Rs:29250/-
3.	Excavation for pipe line in trenches and pits in Hard Rock by hammering and chiseling trimming and dressing sides to true alignment and shape leveling of beds trenches to correct level and grade cutting joint holes and disposal of surplus earth within one chain as directed by Engineer in charge i/c providing fence guards lights flags and temporary crossing for non-vehicular traffic wherever required lift upto 5'ft and lead upto one chain (P.H.S.I.No: 10 P/64).	1500 Cft	@ Rs.24150/-	P%0Cft	Rs:36225/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
3.	Providing P.V.C Pipe class "B" equivalent make fixing in trenches i/c cutting fitting and jointing with "Z" joint with rubber ring i/c testing with water to lead of 61 miter or 200ft (PHSINo.E(I) P/22)	1500 Rft	@ Rs. 90/-	P: Rft	Rs: 135000/-
4.	PVC Specials for P.V.C Pipe (M-R).				
i.	<b>Bend 90°</b> 2.00 Nos	@ Rs:-475/-		Each	Rs:950/-
ii.	<b>Tee Equal 3" dia</b> 2.00 Nos	@ Rs:-361/-		Each	Rs:361/-
iii.	<b>Short Piece 3" dia</b> 2.00 Nos	@ Rs:-375/-		Each	Rs:750/-
iv.	<b>C.I D/End 3" dia</b> 2.00 Nos	@ Rs:-368/75		Each	Rs:738/-
5.	C.I Sluice valve heavy pattern. (Test pressure 21.0 kg/sq cm or 300 lb/sq.inch imported.)	1.00 No	@ Rs: 4290/-	Each	Rs: 4290/-
6.	Providing Chamber 2-1/3'x1 1/2" (750x750mm) inside dimension 4 1/2 (1372mm) deep as per approved design for sluice valve 3" to 12" dia with 18" (457mm) dia inside cast iron cover and frame (wt-1 cwt 3 sq) fixed in RCC 1:2 Slab 4"dia (102mm) thick with 5 Ibs steel per Cft 9" (299mm) thick brick masonry walls set in 1:6 cement mortar 6" (152mm) 1:2:4 flooring 1/2" (125mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at very one foot beyond 2 1/2 ft depth curing excavation back filling and disposal of surplus etc. (P.H.S.I.No: : P: 90).	1.00 No	@ Rs: 18820/-	Each	Rs: 18820/-
7.	Reffling excavated the stuff in trenches 6" thick layers i/c watering ramming to full compaction etc complete (P.H.S.NO: 324/ P54)	8100.00 Cft	@ Rs: 2760/-	P%0 Cft	Rs: 22356/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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8. Jointing C.I M/S Flanged Pipe and specials flanged and inside at trenches i/c supplying rubber packing of the required thickness nuts and bolts with washer etc and other tools required for jointing and testing the joints to the specified pressure etc complete. (P.H.S.I. No: 1 P/40)  
 2.00 Joints @ Rs: 499/- P: Joint Rs: 998/-

9. **CARTAGE:**  
 Cartage of P.V.C Pipe of any class by animal transport i/c Loading and staking at the site (P.H.S.I.No: 4 (c) P/ 15)  
 P.V.C Pipe from Kararchi (lead 93 Miles)  
 1500.00 Rft @ Rs: 60/41 P:% Rft Rs: 906/-

**Total Rs:249778/-**

A B S T R A C T

Group 'A' Repair of Delivery Main Rs: 2,89,500/-  
 Group 'B' Distribution System Rs: 2,49,778/-

**Total Rs:**

Amount Total (a) + (b) Rs: \_\_\_\_\_ /-

\_\_\_\_\_ % above / below on the rates of CSR, Amount to be added / deducted on the basis

Total (b) of premium quoted \_\_\_\_\_

Total (A) = a + b in works & Figures \_\_\_\_\_

CONTRACTORS

( MUKHTIAR ALI )  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGINEERING  
 DIVISION THATTA

# PUBLIC HEALTH ENGG: DIVISION THATTA



## STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T. No.PHE/TC/1503, Dated 28-04-2017

Name of Work:- SUPPLYING PVC CABLE 35MM I/C EXCAVATION & REFILLING OF EARTH I/C CASING FOR URBAN WATER SUPPLY SCHEME MIRPUR SAKRO CITY WARD-II DISTRICT THATTA (Work No.09).

Issued to M/s \_\_\_\_\_ Government Contractor

D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ Tender Fee Rs:-1000/-

Date of Issue 15/05/2017 Date of Opening 16/05/2017


STANDARD BIDDING DOCUMENT IS INTENDED AS A MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF QUANTITIES TYPES OF CONTRACT THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTS.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
THATTA

## BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	Supplying PVC Cable 35mm i/c Excavation & Refilling of Earth i/c Csaing for Urban Water Supply Scheme Mirpur Sakro City Ward-II District Thatta
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 0.482 Million
(e)	Amount of Bid Security:-	Rs:-9,000/-
(f)	Period of Bid Validity (Days):-	(15 Days)
(g)	Security Deposit (i/c Bid Security):-	(10 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	15-05-2017 2.:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	PHE Division Thatta on 16-05-2017 at 3.00 P:M
(k)	Time for completion from written order of Commence:-	02 Months
(l)	Liquidity Damages:-	(01% On Estimated Cost)Per day subject to Minimum of 08%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
THATTA.

**BILL OF QUANTITY**  
**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE**  
**SCHEDULE OF RATES**

**NAME OF WORK:** SUPPLY P.V.C. CABLE 35MM I/C EXCAVATION & REFILLING OF EARTH I/C CASING FOR URBAN WATER SUPPLY SCHEME MIRPUR SAKRO CITY WARD-II DISTRICT THATTA.

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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**GROUP: "A" P.V.C CABLE 35mm**

- Excavation for pipe lines in trenches & pits in Soft Rock by hammering & chiseling where blasting it not practicable or prohibited i/c trimming & dressing sides to true alignment & shape leveling of bends of trenches to correct level & grade cutting joint holes & disposal of surplus earth within a one chain as directed by Engineer In charge providing of once guards lights flags & temporary crossing for non vehicular traffic wherever required lift upto 5'ft (1.52m) & lead upto one chain (30.5m) (P.H.S.I.No.6 P/62)

2400 Cft                                      @Rs: 3600/-                                      P:%0 Cft                                      Rs:8640/-

- Providing & Laying (Main or Sub-Main) PVC insulated PVC Sheeted with Core Copper Conductor 600/1300 Volts Size 35mm etc complete.

185.0 MR                                      @Rs: 2529/-                                      P:MR                                      Rs: 467865/-

- Refilling the excavation stuff in trenches in 6"thick layers i/c watering & ramming to full compaction etc complete (P.H.S.I.No. 24 P/53)

2160.00 Cft                                      @Rs: 2760\*/-                                      P%0Cft                                      Rs:5961/-

**Total Rs:4,82,466/-**



Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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A B S T R A C T

Group 'A' P.V.C. Cable 35mm

Rs: 4,82,466/-

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Total

Rs: 4,82,466/-

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Amount Total (a) Rs: 4,82,466/-

\_\_\_\_\_ % above / below on the rates of CSR, Amount to be added / deducted on the basis

Total (b) of premium quoted \_\_\_\_\_

Total (A) = a in words & Figures \_\_\_\_\_

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CONTRACTORS

  
 ( MUKHTIAR ALI )  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGINEERING  
 DIVISION THATTA

# PUBLIC HEALTH ENGG: DIVISION THATTA



## STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T. No.PHE/TC/1503, Dated 28-04-2017

Name of Work:- REPAIR OF DELIVERY MAIN 6" DIA FOR RURLA WATER SUPPLY SCHEME GUJJO DISTRICT THATTA (O/M) (Work No.8).

Issued to M/s \_\_\_\_\_ Government Contractor

D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ Tender Fee Rs:-1000/-

Date of Issue 15/05/2017 Date of Opening 16/05/2017

STANDARD BIDDING DOCUMENT IS INTENDED AS A MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF QUANTITIES TYPES OF CONTRACT THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTS.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
THATTA

## BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	Repair of Delivery Main 6" dia For Rural Water Supply Scheme Gujjo District Thatta (O/M).
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 0.554 Million
(e)	Amount of Bid Security:-	Rs:-111,100/-
(f)	Period of Bid Validity (Days):-	(15 Days)
(g)	Security Deposit (i/c Bid Security):-	(10 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	15-05-2017 2:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	PHE Division Thatta on 16-05-2017 at 3.00 P:M
(k)	Time for completion from written order of Commence:-	45 Days.
(l)	Liquidity Damages:-	(01% On Estimated Cost)Per day subject to Minimum of 08%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

  
**EXECUTIVE ENGINEER**  
**PUBLIC HEALTH ENGG: DIVISION**  
**THATTA**



Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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6. Supplying PVC Special for PVC pressure pipe billers.

**6" dia**

**Bend 90°**

3.00 Nos @ Rs. 1913/- Each Rs.5739/-

**Reducer 6" x 4" dia**

2.00 Nos @ Rs. 1860/- Each Rs.3732/-

**Short Piece 6" dia**

2.00 Nos @ Rs. 618/75 Each Rs.1238/-

7. C.I Sluice valve heavy pattern. (Test pressure 21.0 kg/sq cm or 300 lb/sq.inch imported.

**6" dia**

1 No. @ Rs.9360/- Each Rs.9360/-

8. Refilling excavated the stuff in trenches 6" thick layers i/c watering ramming to full compaction etc complete (P.H.S.NO: 324/ P54)

**6" dia**

72900 Cft @ Rs.2760/- P%0 Cft. Rs. 20120/-

9. Providing chamber 21/2x21/2 (750x750 mm) inside dimension 4 1/2" (1372mm) deep as per approved design sluice valve 3" to 12" with 18" (457mm) dia inside cost of iron cover and frame (wt: 1cwt3sq) fixed in RCC (1:2:4) 102 mm) thick with 5 lbs steel per cft 9" 299mm thick brick masonry wall set in (1:6) cement mortar 6" (1152mm) thick c.c (1:3:6) in foundation cement plaster (1:30 total insid wall surface and to top i/c p/f m.s foot rest at everyone foot beyond 2 1/2 ft depth curing excavation back filling and disposal of surplus earth etc complete(PHS I No: 1 P/40)

**6" dia**

1 No. @ Rs. 18820/- Each Rs.18820/-

Cartage of PVC Pipe from Karachi (Lead 43 Miles)

**6" dia**

1200 Rft. @ Rs. 11/70 P% Rft Rs.1404/-

**Total Rs:553916/-**

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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A B S T R A C T

Group 'A' Delivery Main 6" dia

Rs: 5,53,916/-

Total

Rs 5,53,916/-


Amount Total (a) Rs: 5,53,916/-

         % above / below on the rates of CSR, Amount to be added / deducted on the basis

Total (b) of premium quoted                                 

Total (A) = a + b in works & Figures   

CONTRACTORS

  
 ( MUKHTIAR ALI )  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGINEERING  
 DIVISION THATTA

# PUBLIC HEALTH ENGG: DIVISION THATTA



## STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T.No.PHE/TC/1503, Dated:28-04-2017


Name of Work:- REPAIR & MAINTENANCE OF RURAL WATER SUPPLY  
SCHEME UMMED ALI SOOMRO (O/M) DISTRICT THATTA  
(Work No.3)

Issued to M/s \_\_\_\_\_ Government Contractor

D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ Tender Fee Rs:-1000/-

Date of Issue 15/05/2017 Date of Opening 16/05/2017

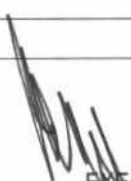
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TYPES OF CONTRACT THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTS.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
THATTA

## BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	Repair & Maintenance of Rural Water Supply Scheme Umeed Ali Soomro (O/M) District Thatta
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 0.500 Million
(e)	Amount of Bid Security:-	Rs:-10,000/-
(f)	Period of Bid Validity (Days):-	(15 Days)
(g)	Security Deposit (i/c Bid Security):-	(10 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	15-05-2017 2.:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	PHE Division Thatta on 16-05-2017 at 3.00 P:M
(k)	Time for completion from written order of Commence:-	45 Days.
(l)	Liquidity Damages:-	(01% On Estimated Cost)Per day subject to Minimum of 08%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
THATTA.



**BILL OF QUANTITY**  
**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE**  
**SCHEDULE OF RATES**

**NAME OF WORK:** REPAIR & MAINTENANCE OF RURAL WATER SUPPLY SCHEME UMMED ALI SOOMRO (O/M) DISTRICT THATTA.

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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**GROUP: "A" REPAIR OF STORAGE TANK**

1. Full Hire Charges of the Pumping Set per day inclusive of the wage of driver and Assistant Fuel or Electric Energy Plate Form required for placing pumps etc at lower depth with suction and delivery pipes for pumping out water found at various depth from trenches i/c cost of the erection and dismantling after completion of the job. Hire charges of pumping set of upto 10 BHP Pumping out water from 10'ft deep trenches (PHSINo.23 (i) P/76).

5.00 Day @Rs:1500/- P: Day Rs:7500/-

2. Earth work excavation undressed lead upto a single throw of Kassi Phawra or Showel in Ordinary Soil (GSINo.1 (a) P/1).

32812.50 Cft @ Rs.1361/25 P:%0 Cft Rs.44666/-

3. **Repair of Sluice Valve Chamber**

Dismantling Cement concrete reinforcement separating reinforcement from concrete clearing and straighting the same (GSINo.20 P/10).

60.75 Nos @Rs: 5445/- P% Cft Rs:3308/-

4. RCC Work i/c all labour and material except the cost of Steel reinforcement and its labour for bending and binding which will be paid separately.

60.75 Cft @Rs:137/- P: Cft Rs:8323/-

5. Fabrication of mild steel reinforcement for cement concrete i/c cutting bending and laying in position making joints and fastening i/c cost of bending wire i/c removal of rust from Tor Bar (GSINo.8 P/16)

2.441 Cwt @Rs:5001/70 P: Cwt Rs.12208/-

6. Sluice valve heavy pattern test pressure 21.00 kg or 300 Lbs inch (Imported).

6.00 No @Rs: 9360/- Each Rs:56160/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
7.	Foot Valve Commerical Pattern with Flate gate etc complete.				
	2.00 No	@Rs:1187/50		Each	Rs:2375/-
8.	Cement Plaster (1:4) upto 12'ft height 1/2" thick (GSINo.11 (b) P/51)				
	434.00 Sft	@Rs:2283/93		P:% Cft	Rs:9912/-
9.	<b>Repair of Brick L.S.R</b> Dismantling Cement Concrete reinforcement separating.				
	32.00 Cft	@Rs:5445/-		P:% Cft	Rs:1742/-
10.	Pacca brick work in foundation and plinth in Cement Sand mortor (1:4) (GSINo.4 (c) P/19).				
	87.00 Cft	@Rs:12501/41		P:% Cft	Rs:10876/-
11.	Cement Plaster (1:4) upto 12'ft height in Cement Sand Mortor etc complete.				
	320 Sft.	@Rs:2283/93		P% Sft	Rs:7309/-
12.	RCC Work i/c all labour and material except the cost of Steel reinforcement and its labour for bending and binding which will be paid separately.				
	32.00 Sft	@ Rs.137/-		P: Sft	Rs.4384/-
13.	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending and laying in position making joints and fastening i/c cost of bending wire i/c removal of rust from Tor Bar (GSINo.8 P/16)				
	1.286 Cwt	@Rs:5001/70		P:Cwt	Rs:6431/-
14.	Providing & Installing M.S Pipe 3" dia				
	8.00 Rft	@Rs:385/89		P:Rft	Rs:3087/-
15.	Providing & Installing M.S Flange & Pipe etc complete.				
	2.00 Nos	@Rs:500/89		Each	Rs:1002/-
16.	Jointing C.I / M.S Flanged etc complete.				
	2.00 Joints	@Rs:499/-		P:Joint	Rs:998/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
1.	<b>Repair of L.S.R</b> Dismantling Cement Concrete reinforcement separating reinforcement from concrete cleaning and straighting the same (GSINo.20 P/10).	159.68 Cft	@Rs:5445/-	P:% Cft	Rs:8694/-
2.	R.C.C work i.e. all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rates also i.e. all kinds forms modules lifting shutting curing remarking and finishing the exposed surface i.e. screening and washing of shingle (a) R.C. work in roof slab beams columns rafts lintel and other structural member laid in Situ or pre-cast laid in position in the respect ratio 1:2:4 etc complete (G.S.I No. 6/a P/18)	152.96 Cft	@Rs:337/-	P:Cft	Rs:51546/-
3.	Fabrication of mild steel reinforcement for cement concrete i.e. cutting bending laying in position making joints & fastening i.e. cost of binding wire also i.e. removal of rust from bars (G.S.I No. 7 ii(a) P/19). (Using Bors)	6.15 Cwt	@Rs:5001/70	P:Cwt	Rs:30737/-
4.	Supplying and fixing C.I main holes cover with frame i/c cost of material etc (P.S. I No. 11 P/23).	7.00 Cwt	@Rs:6985/-	P:Cwt	Rs:48895/-
5.	Providing G.I Pipes and special and climbs, etc i/c fixing cutting and fitting complete with an i/c the cost of breaking through walls and roof making good etc painting 2 coat after cleaning the pipe etc with white / zine paint with pigment to match the color and testing with water to a pressure head of 200 ft and handing (R.A Approved) S.S. No. 1 P-12).	80.00 Rft	@Rs:338/17	P:Rft	Rs:27054/-
6.	Manufacturing and supplying M.S Flanges of different dia made out of M.s Sheet of 1/2" thickness i/c cutting welding holes and welding of flange with M.S Pipe etc complete. (R.A Approved)	32.00 Nos	@Rs:500/89	Each	Rs:16028/-
7.	C.I Tail Piece with one flanged and spigot of the other end all sizes (S.S.I.No.5 P/15)	80.16 Kg	@Rs:120/-	P: Kg	Rs:9619/-
8.	C.I Bend with one flanged and with holes i/c trimming and facing of flanges for all sizes (S.M. No. 8 P-11)	106.88 Kg	@Rs:120/-	P: Kg	Rs:12826/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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9. Providing and Fixing C.I Ventilator (Weight not be less than 80 Ibs / each in tank of roof or approved design with water light joint i/c painting etc complete (PHSNo.4 P/55).

4.00 Nos @Rs:4870/- Each Rs:19480/-

10. Jointing C.I M/S Flanged pipes and special flanged and inside a trenches i/c supplying rubber packing of the required thickness nuts and bolts with washer etc and other tools required for jointing and testing the joint to the specified pressure etc complete. (PHS 1 No. 1 P/27).

36.00 Joints @Rs:499/- P: Joint Rs:17964/-

11. Providing G.I Pipe Special & clamps etc including cutting & fixing etc complete (G.S.I No. 1 P/11)

48.00 Rft @Rs:188/97 P: Rft Rs:9071/-

12. Bib Cock bar standard pattern (SS V No. 16 P/13).

24.00 Nos @Rs:348/92 Each Rs:8374/-

13. M.I Sluice Valve heavy pattern (S.M.I.No.2 P:No. 9)

4.00 Nos @Rs:4290/- Each Rs:17160/-

**Total Rs: 457729/-**

**GROUP: "B" REWINDING OF ELECTRIC PUMPING SET**

1. Rewinding of Electric Motor III Phase 400/440 Volts, 50 Cycles with best quality insolated copper wire of required gauge i/c testing on load ith satisfactory result upto one week time opening and refitting and replacing the bolts if necessary excluding the cost of work out material 4 pole. (GSINo.97 P/109-110).

1.00 Set @ Rs. 10599/- P: Set Rs: 10599/-

2. Repairing of Diesel Engine 16 BHP with Best Quality i/c testing on load Satisfactory..

1.00 Set @ Rs. 15000/- P: Set Rs: 15000/-

3. Over Hanlling and Repair of K.S.B Pump i/c coupling glain Dori, Gress and Service (L.S).

1.00 Set @ Rs. 10000/- P: Set Rs: 10000/-

**Total Rs: 35599/-**

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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A B S T R A C T

Group 'A' Repair of Storage Tank

Rs: 4,57,729/-

Group 'B' Pumping Machinery Zone-B

Rs: 35,599/-

**Total**

**Rs:**


Amount Total (a) + (b) Rs: \_\_\_\_\_ /-

\_\_\_\_\_ % above / below on the rates of CSR, Amount to be added / deducted on the basis

Total (b) of premium quoted \_\_\_\_\_

Total (A) = a + b in words & Figures \_\_\_\_\_

CONTRACTORS

  
 ( MUKHTIAR ALI )  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGINEERING  
 DIVISION THATTA

# PUBLIC HEALTH ENGG: DIVISION THATTA



## STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T. No.PHE/TC/1503 Dated 28-04-2017

Name of Work:- REPAIR OF DISPOSAL WORK FOR RURAL DRAINAGE  
SCHEME VER (O/M) DISTRICT THATTA (Work No.4)

Issued to M/s \_\_\_\_\_ Government Contractor

D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ Tender Fee Rs:-1000/-

Date of Issue 15/05/2017 Date of Opening 16/05/2017

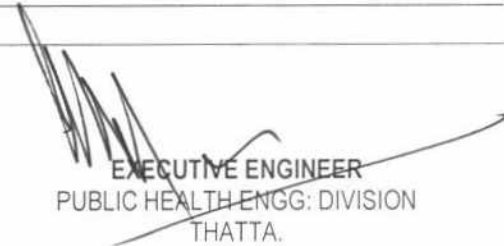
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EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
THATTA

## BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	Repair of Disposal Work for Rural Water Supply Scheme Ver (O/M) District Thatta
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 0.425 Million
(e)	Amount of Bid Security:-	Rs:-8,500/-
(f)	Period of Bid Validity (Days):-	(15 Days)
(g)	Security Deposit (i/c Bid Security):-	(10 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	15-05-2017 2:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	PHE Division Thatta on 16-05-2017 at 3.00 P:M
(k)	Time for completion from written order of Commence:-	45 Days.
(l)	Liquidity Damages:-	(01% On Estimated Cost) Per day subject to Minimum of 08%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
THATTA.

**BILL OF QUANTITY**  
**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE**  
**SCHEDULE OF RATES**

**NAME OF WORK:** REPAIR OF DISPOSAL WORK FOR RURAL WATER SUPPLY SCHEME VER DISTRICT THATTA

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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**GROUP: "A" PUMP HOUSE (10' X 12')**

- |    |  |             |               |         |             |
|----|--|-------------|---------------|---------|-------------|
| 1, | Making and fixing steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/4" square bars 4" center to center with locking arrangement.<br><b><u>(G.S.I.No: 24 : P : 9 )</u></b>                              | 28.00 Sft   | @ Rs. 726/72  | P/Sft   | Rs. 20348/- |
| 2, | Providing & fixing steel grated window of 'Z' section 3/4"x3/4"x1/8" partly fixed or partly openable i/c glazed with glass fitting painting coats etc complete<br><b><u>(H.S.I)</u></b>  | 24.00 Sft:  | @ Rs. 231/60  | P:% Sft | Rs. 5558/-  |
| 3, | Supplying and fixing in position iron steel grill of 1/4"x1/4" size flate iron of approved design i/c painting 8 coats etc complete weight net to be less than 3.7 Ibs/sq foot of finished grill <b><u>(G.S.I.No. 26 : P: 97 )</u></b> | 24.00 Sft:  | @ Rs. 194/61  | P:% Sft | Rs.4660-    |
| 4, | Providing and Laying 2" thick topping Cement Concrete (1:2:4) i/c Surface finishing and dividing in to panels 2" thick etc (GSINo.16/c P/46)   | 120.00 Sft: | @ Rs. 3275/50 | P%Sft   | Rs. 3930/-  |
| 5, | Cement Plaster (1:6) upto 20'ft height 1/2" thick(GSINo.ii/c P/58) etc complete.   | 399.00 Sft: | @ Rs. 2206/60 | P%Sft   | Rs. 8804/-  |
| 4, | Pointing Flush on Stone ork in (Raised) Cement Mortor (1:3) (GSINo.20 P/59).   | 614.00 Sft: | @ Rs. 1758/08 | P%Sft   | Rs. 10795/- |
| 5, | Painting New Surface<br>Preparing Surface and Painting Doors & Windows and any type i/c edges (GSINo.20 P/77)  | 56.00 Sft:  | @ Rs. 2116/41 | P%Sft   | Rs. 1185/-  |



Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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6, White Washing (GSINo.26 P/60)

571.00 Sft: @ Rs. 425/84 P%Sft Rs. 2436/-

**Total Rs:**

**GROUP: "B" COLLECTING TANK**

1. Cleaning of Collecting Tank/ Sump below ground level i/c dewatering of sludge water & disposal of garbage solid west etc out side the tank etc complete. (PHSI No: I P/59)

1060.00 Cft @ Rs.11900/- P%0 Cft Rs. 12614/-

2. Removing of Cement or lime plaster (G.S.I.No: 53 P/13)

565.56 Cft @ Rs. 121/- P% Cft Rs.684/-

3. Cement Plaster 1:6 upto to 12' height 1/2" thick (G.S.I.No: 13 (b) P/52)

565.25 Sft @ Rs. 2206/60 P% Sft Rs.12480/-

4. Cement Plaster 1:4 upto 12" thick 3/8" thick (G.S.I.No: 11 (a) P/52)

565.56 Cft @ Rs. 2197/52 P% Sft Rs. 12428/-

5. Applying floating Coat of hi bend (Universal) as a band coat as an adhesive link between old & fresh concrete or plaster as directed by Engineer In Charge (G.S.I.No: 13 P/52).

565.56 Sft @ Rs. 1029/05 P% Sft Rs. 5820 /-

**Total Rs:44026/-**

**GROUP: "C" SCREENING CHAMBER**

1. Cleaning of Collecting Tank/ Sump below ground level i/c dewatering of sludge water & disposal of garbage solid west etc out side the tank etc complete. (PHSI No: I P/59)

240.00 Cft @ Rs. 11900/- P%0 Cft Rs. 2856/-

2. Removing of Cement or lime plaster (G.S.I.No: 53 P/13)

208.00 Cft @ Rs. 121/- P% Cft Rs. 252/-

3. Cement Plaster 1:6 upto 12' height 1/2" thick (G.S.I.No: 13 (b) P/52)

208.00 Sft @ Rs. 2206/60 P% Sft Rs. 4590/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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4. Cement Plaster 1:4 upto 12' height 3/8" thick  
(G.S.I.No: 11 (a) P/52)

208.00 Sft @ Rs. 2197/52 P% Sft Rs. 4571/-

5. Applying floating Coat of hi bend (Universal) as a band coat as an adhesive link between old & fresh concrete or plaster as directed by Engineer In Charge (G.S.I.No: 13 P/52).

208.00 Sft @ Rs. 1029/05 P% Sft Rs. 2140/-

5. Fabrication of Heavy Steel work with angle tees, flat iron, round iron and sheet iron for making trusses, girder , tanks etc i/c cutting tank etc i/c cutting drilling riveting handling assembling and fixing but excluding erection in position (G.S.I.No: 2 P/91)

2.53 Cwt @ Rs. 4928/49 P: Cwt Rs. 12469/-

5. Errection and Fitting in position iron trusses staging of water tank etc (G.S.I.No: 3 P/91).

2.53 Cwt @ Rs. 271/04 P: Cwt Rs. 686/-

**Total Rs: 27564/-**

**GROUP: "D" COMPOUND WALL**

1, Pointing Flush on Stone work (Raised) i/c cement sand mortar (1:3) G.S.I No. 20 P- 53 )

7580.00 Sft @ Rs. 1758/08 P% Sft Rs. 133262/-

2. Cement concrete or stone Ballast 1 1/2" to 2" gauge ratio (1:4:8) (GSI No. 04 P- 15 )

528.00 Cft @ Rs. 9416/28 P% Cft Rs. 49718/-

3. Cement concrete Plain i/c placing compacting finishing and curing complete including screening and washing at stone aggregate without shuttering Ratio: 1:2:4 (G.S.I.No: 05 P/16)

400.00 Sft @ Rs. 14429/25 P% Sft Rs. 57717/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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4. **Painting New Surface**

Preparing Surface and Painting of doors and windows in any type i/c edges (03 Coats)  
(G.S.I No. 5 P- 69)

144.00 Sft @ Rs. 2116/41 P% Sft Rs. 3048/-

5. White Washing

1920.00 Sft @ Rs. 425/84 P% Sft Rs. 8716/-

6. Colour Washing

1920.00 Sft @ Rs. 859/90 P% Sft Rs. 16510/

**Total Rs: 269071/-**

**A B S T R A C T**

Group 'A' Pump House

Rs:

Group 'B' Collecting Tank

Rs:

Group 'C' Screening Chamber

Rs:

Group 'D' Compound Wall

Rs:

**Total**

Rs:

Amount Total (a) + (b) + (c) + (d) Rs: \_\_\_\_\_ /-

\_\_\_\_\_ % above / below on the rates of CSR, Amount to be added / deducted on the basis

Total (b) of premium quoted \_\_\_\_\_

Total (A) = a + b + c + d in words & Figures \_\_\_\_\_

CONTRACTORS

(MUKHTIAR ALI)  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGINEERING  
DIVISION THATTA

# PUBLIC HEALTH ENGG: DIVISION THATTA



## STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T. No.PHE/TC/1503, Dated 28-04-2017

Name of Work:- REPAIR OF EXISTING STRUCTURE FOR RURAL WATER SUPPLY SCHEME HAJI USMAN JALBANI (O/M) DISTRICT THATTA (Work No.5)

Issued to M/s \_\_\_\_\_ Government Contractor

D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ Tender Fee Rs:-1000/-

Date of Issue 15/05/2017 Date of Opening 16/05/2017

STANDARD BIDDING DOCUMENT IS INTENDED AS A MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF QUANTITIES TYPES OF CONTRACT THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTS.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
THATTA

## BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	Repair of Existing Structure for Rural Water Supply Scheme Haji Usman Jalbani (O/M) District Thatta
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 0.590 Million
(e)	Amount of Bid Security:-	Rs:-11,800/-
(f)	Period of Bid Validity (Days):-	(15 Days)
(g)	Security Deposit (i/c Bid Security):-	(10 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	15-05-2017 2.:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	PHE Division Thatta on 16-05-2017 at 3.00 P:M
(k)	Time for completion from written order of Commence:-	45 Days.
(l)	Liquidity Damages:-	(01% On Estimated Cost)Per day subject to Minimum of 08%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
THATTA.

**BILL OF QUANTITY**  
**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE**  
**SCHEDULE OF RATES**

**NAME OF WORK:** REPAIR OF EXISTING STRUCTURE FOR RURAL WATER SUPPLY SCHEME HAJI USMAN JALBANI (O/M) DISTRICT THATTA

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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**Group:"A" Storage Tank**

- 1) Coursed Rubble Masonary i/c hammer dressing in Cement Sand Mortor (1:6) in foundation & Plinth etc complete.
- 950.62 Cft                      @ Rs: 25321/-              P: Cft              Rs: 240707/-
- 2) Cement Plaster 1/2" thick in Cement Sand Mortor etc complete.
- 3510.00 Sft                      @ Rs: 2283/93              P:% Sft              Rs: 80166/-

**Total Rs: 320870/-**

**Group:"B" Branch Main 4" & 3" dia**

- 1, Excavation for pipe lines in trenches & pits in Soft Soil i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of surplus earth within one chain as directed by Engineer in charge i/c providing fence guards lights flags and temporary crossing for non-vehicular traffic wherever required lift upto 5'ft and led upto one chain (P.H.S.I.No.5 P/38).
- 48000 Cft:                      @ Rs. 36000/-              P:%0 Cft              Rs. 17280/-
- 2, Providing P.V.C Pipes of class "B" (Delease) fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber rings i/c testing with water to head of 61 meter or 200 Rft etc (P.H.S.I.NO.1 P/21)
- 500 Rft:                      @ Rs. 90/-              P: Rft              Rs. 72000/-
- 3, Supplying C.I Sluice valve heavy pattern test pressure 21 Kg/sq Cum or 150 Ibs/inch (N.S) (S.M.I.No.1 P/ )
- 2 Nos                      @ Rs. 4290/-              Each              Rs. 8580/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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4,	Supplying PVC Special for P.V.C Pressure pipe "B" "Z" Joint standard weight for ACIL (S.M.I.No.1 P/25 )				
	<b><u>3"DIA C.I Bend 90°</u></b>				
	4 Nos	@ Rs. 731/-	Each		Rs. 1462/-
	<b><u>4"DIA C.I Bend 45°</u></b>				
	2 Nos	@ Rs. 956/-	Each		Rs. 1912/-
5,	Making joint P.V.C Special fitting i/c laying of the required dia meter and testing to the joint along with the P.V.C Pressure Pipe line to the specified pressure and making good to all leaky joint.				
	<b><u>3"dia</u></b>				
	4 Joints	@ Rs. 59/-	P: Joint		Rs. 236/-
6,	Jointing C.I M/S Flanged Pipe and specials flanged and inside at trenches i/c supplying rubber packing of the required thickness nuts and bolts with washer etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S.I.No.1 P/27)				
	<b><u>3"dia</u></b>				
	4 Joints	@ Rs. 499/-	P: Joint		Rs. 1996/-
7,	Refilling the excavated staff in trenches in 6" thick layers i/c watering and ramming to full compaction etc complete (P.H.S.I.No.22 P/47)				
	4320 Cft	@ Rs. 2760/-	P:%0 Cft		Rs. 11923/-
<b>GrandTotal</b>					<b>Rs: 111481/-</b>

### **Group:"C" Low Service Reservoir**

1.	Excavation in foundation of building brides and others structure i/c deg belling dressing refilling around the structure with excavated earth water and remaining lift upto 5 ft and lead upto one chain (in ordinary soil) (G.I.S No. 18 P-6)				
	166.16 Cft	@ Rs. 3176/25	P% Cft		Rs. 527/-
2.	Cement concrete or stone Ballast 1 ½" gauge ratio (1:4:8) (GSI No. 4/D P-16)				
	<b><u>Ratio: (1:5:10)</u></b>				
	111.30 Cft	@ Rs. 8694/95	P% Cft		Rs:9677/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
3.	Providing and laying (1:3:6) cement concrete solid block masonry set (1:6) cement mortar in plinth and foundation i/c raking out joints and curing etc. complete. (G.S.I No. 23 P/21).	81.00 Cft	@ Rs.14621/44	P% Cft	Rs. 11843/-
4.	Cement Plaster ¾" thick in cement sand mortor (1:4) upto 12' ft height. (G.S.I No. 11 P/57)				
	<u>¾" Thick</u>	609.49 Cft	@ Rs.345/76	P% Sft	Rs.18381/-
	<u>½" Thick</u>	182.00 Cft	@ Rs.2283/93	P% Sft	Rs.4156/-
5.	Supplying of Dampoo (P.S 1 No. 46 P /4)	25.00 Lbs	@ Rs. 56/82	P: Lbs	Rs.1421/-
6.	Providing G.I Pipes and special and climbs, etc i/c fixing cutting and fitting complete with an i/c the cost of breaking through walls and roof making good etc painting 2 coat after cleaning the pipe etc with white / zine paint with pigment to match the color and testing with water to a pressure head of 200 ft and handing (R.A Approved) S.S. No. 1 P-11).				
	<u>3" dia</u>	20.00 Rft	@ Rs. 360/40	P/Rft	Rs. 7208/-
7.	Manufacturing and supplying M.S Flanges of different dia made out of M.s Sheet of ½" thickness i/c cutting welding holes and welding of flange with M.S Pipe etc complete. (R.A Approved)				
	<u>3" dia</u>	8.0 Rft	@ Rs. 500/90	P:Rft	Rs. 4007/-
8.	C.I Tail Piece with one flanged and spigot of the other end all sizes (S.S.I.No.5 P/15)				
	<u>3" dia</u>	20.04 Kg.	@ Rs. 120/-	P/Kg	Rs. 2405/-
9.	C.I Bend with one flanged and with holes i/c trimming and facing of flanges for all sizes (S.M. No. 8 P-11)				
		26.72 Kg.	@ Rs. 120/-	P/Kg	Rs. 3206/-
10	Providing and fixing C.I Ventilator (weight not be less than 80 lbs / each in tank of roof or approved design with water light joint i/c painting etc complete (PHSI.No. 4 P/55).	1 Nos.	@ Rs. 4870/-	Each	Rs. 4870/-



Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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11.	Jointing C.I M/S Flanged pipes and special flanged and inside a trenches i/c supplying rubber packing of the required thickness nuts and bolts with washer etc and other tools required for jointing and testing the joint to the specified pressure etc complete. (PHS 1 No. 1 P/27).	9 Joint	@ Rs. 497/5	P/Joint	Rs. 9499/-
12.	Providing G.I Pipe Special & clamps etc including cutting & fixing etc complete (G.S.I No. 1 P/11)	24 Rft	@ Rs.188/97	P/ Rft	Rs.4535/-
13.	Bib Cock bar standard pattern (SS V No. 16 P/13)	12 Nos.	@ Rs. 348/92	Each	Rs. 4187/-
14.	M.I Sluice Valve heavy pattern (S.M.I.No.2 P:No. 9) <b>3"dia</b>	1 Nos.	@ Rs. 4290/-	Each	Rs. 4290/-
15.	Cement concrete plain I/c pacing compacting finishing and currying complete i/c screening and washing of stone aggregate without shuttering ratio (1:2:4) (G.S.I No. 5 P/17)	35.00 Cft	@ Rs. 14429/25	P% Cft	Rs. 5050/-

**Total Rs: 107486/-**

A B S T R A C T

Group 'A' Branch Main	Rs:
Group 'B' Low Service Reservoir	Rs:
Group 'C' Storage Tank	Rs:

**Total Rs:** \_\_\_\_\_


Amount Total (a)+ (b)+ (c) Rs: \_\_\_\_\_ /-

\_\_\_\_\_ % above / below on the rates of CSR, Amount to be added / deducted on the basis

Total (b) of premium quoted \_\_\_\_\_

Total (A) = a + b in works & Figures \_\_\_\_\_

CONTRACTORS

  
 (MUKHTIAR ALI)  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGINEERING  
 DIVISION THATTA

# PUBLIC HEALTH ENGG: DIVISION THATTA



## STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T. No.PHE/TC/1503, Dated 28-04-2017

Name of Work:- REPAIR OF LOW SERVICE RESERVOIR FOR RURAL WATER SUPPLY SCHEME UDDASI (O/M) DISTRICT THATTA. (Work No.6)

Issued to M/s \_\_\_\_\_ Government Contractor

D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ Tender Fee Rs:-1000/-

Date of Issue 15/05/2017 Date of Opening 16/05/2017

STANDARD BIDDING DOCUMENT IS INTENDED AS A MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF QUANTITIES TYPES OF CONTRACT THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTS.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
THATTA

## BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	Repair of Low Service Reservoir for Rural Water Supply Scheme Uddasi (O/M) District Thatta.
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 0.453 Million
(e)	Amount of Bid Security:-	Rs:-8,000/-
(f)	Period of Bid Validity (Days):-	(15 Days)
(g)	Security Deposit (i/c Bid Security):-	(10 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	15-05-2017 2:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	PHE Division Thatta on 16-05-2017 at 3.00 P:M
(k)	Time for completion from written order of Commence:-	45 Days
(l)	Liquidity Damages:-	(01% On Estimated Cost) Per day subject to Minimum of 08%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

  
**EXECUTIVE ENGINEER**  
PUBLIC HEALTH ENGG: DIVISION  
THATTA.

**BILL OF QUANTITY**  
**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE**  
**SCHEDULE OF RATES**

**NAME OF WORK: REPAIR OF LOW SERVICE RESERVOIR FOR RURAL WATER SUPPLY SCHEME UDDASI (O/M) DISTRICT THATTA.**

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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**GROUP: "A" Repair of Low Service Reservoir**

1. Excavation in foundation of building bridges and others structure i/c deg belling dressing refilling around the structure with excavated earth water and remaining lift upto 5 ft and lead upto one chain (in ordinary soil) (G.I.S No. 18 P-6)  
166.16 Cft @ Rs. 3176/25 P% Cft Rs. 527/-
2. Cement concrete or stone Ballast 1 1/2" gauge ratio (1:4:8) (GSI No. 4/D P-16)  
**Ratio: (1:5:10)**  
111.30 Cft @ Rs. 8694/95 P% Cft Rs: 9677/-
3. Providing and laying (1:3:6) cement concrete solid block masonry set (1:6) cement mortar in plinth and foundation i/c raking out joints and curing etc. complete. (G.S.I No. 23 P/21).  
81.00 Cft @ Rs.14621/44 P% Cft Rs. 11843/-
4. Cement Plaster 3/4" thick in cement sand mortar (1:4) upto 12' ft height. (G.S.I No. 11 P/57)  
**3/4" Thick**  
609.49 Cft @ Rs.345/76 P% Sft Rs.18381/-  
**1/2" Thick**  
182.00 Cft @ Rs.2283/93 P% Sft Rs.4156/-
5. Supplying of Dampoo (P.S 1 No. 46 P /4)  
25.00 Lbs @ Rs. 56/82 P: Lbs Rs.1421/-
6. Supplying and fixing C.I main holes cover with frame i/c cost of material etc (P.S. I No. 11 P/23).  
1.75 Cwt @ Rs. 6985/- P: Cwt Rs. 12224/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
6.	Providing G.I Pipes and special and climbs, etc i/c fixing cutting and fitting complete with an i/c the cost of breaking through walls and roof making good etc painting 2 coat after cleaning the pipe etc with white / zine paint with pigment to match the color and testing with water to a pressure head of 200 ft and handing (R.A Approved) S.S. No. 1 P-11).				
	<b><u>3"dia</u></b>				
	20.00 Rft	@ Rs. 360/40	P/Rft		Rs. 7208/-
7.	Manufacturing and supplying M.S Flanges of different dia made out of M.s Sheet of 1/2" thickness i/c cutting welding holes and welding of flange with M.S Pipe etc complete. (R.A Approved)				
	<b><u>3"dia</u></b>				
	8.0 Rft	@ Rs. 500/90	P:Rft		Rs. 4007/-
8.	C.I Tail Piece with one flanged and spigot of the other end all sizes (S.S.I.No.5 P/15)				
	<b><u>3"dia</u></b>				
	20.04 Kg.	@ Rs. 120/-	P/Kg		Rs. 2405/-
9.	C.I Bend with one flanged and with holes i/c trimming and facing of flanges for all sizes (S.M. No. 8 P-11)				
	26.72 Kg.	@ Rs. 120/-	P/Kg		Rs. 3206/-
10	Providing and fixing C.I Ventilator (weight not be less than 80 lbs / each in tank of roof or approved design with water light joint i/c painting etc complete (PHSI.No. 4 P/55).				
	1 Nos.	@ Rs. 4870/-	Each		Rs. 4870/-
11.	Jointing C.I M/S Flanged pipes and special flanged and inside a trenches i/c supplying rubber packing of the required thickness nuts and bolts with washer etc and other tools required for jointing and testing the joint to the specified pressure etc complete. (PHS 1 No. 1 P/27).				
	<b><u>3"dia inlet Pipe</u></b>				
	9 Joint	@ Rs. 497/5	P/Joint		Rs. 9499/-
12.	Providing G.I Pipe Special & clamps etc including cutting & fixing etc complete (G.S.I No. 1 P/11)				
	<b><u>G.I Pipe 1 1/2 dia</u></b>				
	24 Rft	@ Rs.188/97	P/ Rft		Rs.4535/-
13.	Bib Cock bar standard pattern (SS V No. 16 P/13)				
	<b><u>3/4" dia</u></b>				
	12 Nos.	@ Rs. 348/92	Each		Rs. 4187/-

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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14. M.I Sluice Valve heavy pattern (S.M.I.No.2 P:No. 9)

**3"dia**

1 Nos. @ Rs. 4290/- Each Rs. 4290/-

15. Cement concrete plain I/c pacing compacting finishing and currying complete i/c screening and washing of stone aggregate without shuttering ratio (1:2:4) (G.S.I No. 5 P/17)

35.00 Cft @ Rs. 14429/25 P% Cft Rs. 5050/-

**Total Rs: 107486/-**

A B S T R A C T

Group 'A' Low Service Reservoir

Rs: 107486/-

**Total**

**Rs: 107486/-**

**Amount Total (a) Rs: 107486/-**

\_\_\_\_\_ % above / below on the rates of CSR, Amount to be added / deducted on the basis

Total (b) of premium quoted \_\_\_\_\_

Total (A) = a + b in works & Figures \_\_\_\_\_

CONTRACTORS

( MUKHTIAR ALI )  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGINEERING  
DIVISION THATTA

# PUBLIC HEALTH ENGG: DIVISION THATTA



## STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T. No.PHE/TC/1503, Dated 28-04-2017

Name of Work:- PROVIDING & INSTALLING 22 BHP DIESEL ENGINE PUMPING MACHINERY I/C SUCTION & DELIVERY FOR RURAL WATER SUPPLY SCHEME GHULAMULLAH (O/M) DISTRICT THATTA (Work No.7).

Issued to M/s \_\_\_\_\_ Government Contractor

D.R. No. \_\_\_\_\_ Dated \_\_\_\_\_ Tender Fee Rs:-1000/-

Date of Issue 15/05/2017 Date of Opening 16/05/2017

STANDARD BIDDING DOCUMENT IS INTENDED AS A MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF QUANTITIES TYPES OF CONTRACT THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTS.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
THATTA

## BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	Providing & Installing 22 BHP Diesel Engine Pumping Machinery i/c Suction & Delivery For Rural Water Supply Scheme Ghulamullah (O/M) District Thatta.
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 0.400 Million
(e)	Amount of Bid Security:-	Rs:-8,000/-
(f)	Period of Bid Validity (Days):-	(15 Days)
(g)	Security Deposit (i/c Bid Security):-	(10 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	15-05-2017 2.:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	PHE Division Thatta on 16-05-2017 at 3.00 P:M
(k)	Time for completion from written order of Commence:-	45 Days
(l)	Liquidity Damages:-	(01% On Estimated Cost) Per day subject to Minimum of 08%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

  
**EXECUTIVE ENGINEER**  
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**BILL OF QUANTITY**  
**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE**  
**SCHEDULE OF RATES**

**NAME OF WORK: PROVIDING & INSTALLING 22 BHP DIESEL ENGINE PUMPING MACHINERY I/C SUCTION & DELIVERY FOR RURAL WATER SUPPLY SCHEME GHULAMULLAH (O/M) DISTRICT THATTA**

Sr. No.	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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**GROUP: "A" PUMPING MACHINERY**

1. Supplying & Installing in position i/c transportation to site Rural Water Supply Scheme Ghulamullah District Thatta Dieel Pumping Set KSB Pump type KWPZ 100-250 Size 5'x4' mounted on common steel frame or base plate capable of discharge 390 GPM against the required head of 65'ft i/c installed on cement concrete Rtaio 1:2:4 with M.S nuts and bolts of 5/8"dia to be embedded made in cement concrete foundations per Pak PWD specification and testing pumping set against the required head of 72 Hours etc complete (R.A Attached)

**22 B.H.P**

1.0 Sets @Rs: P:Set Rs:

2. M.S Pipe made out of M.S Sheet of 4.8 mm (3/16") bending folding to correct curvature as shape (R.A Approved)

**Suction 6"dia Pipe**

24.00 Rft @ Rs. P:Rft Rs.

**Delivery Main 6"dia Pipe**

24.00 Rft @ Rs. P:Rft Rs

3. Manufacturing Supplying M.S Flanges Pipe M.S Steel 3/4" thick (R.A Approved)

**6"dia**

12.00 Nos. @ Rs. Each Rs.

4. Supplying C.I Sluice Valve heavy pattern test pressure 21 KG/sq cam or 300 lbs/Inch. (P.H.S.I.NO: 2 P/9)

**4"dia**

2 Nos. @ Rs. Each Rs.

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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5.	Supplying Reflex valve heavy pattern test pressure 21 Kg/Sq cum or 300 lbs/inch (P.H.S.I.NO: P/9)			
	<u>4" dia</u>			
	1.0 Nos @ Rs.	Each.		Rs.
6.	Supplying C.I Bend with flanged end with holes i/c trimming etc complete (M.S.I.NO:2 P/10)			
	93.05 Kg @ Rs.	P:Kg		Rs.
7.	C.I Tee flanged holes i/c turning and _____ of flanged size etc complete. (M.S.I.NO: 12 P/11)			
	23.86 Kg @ Rs.	P:Kg		Rs.
8.	Foot valve heavy pattern with cone type gate (Imported)			
	<u>6" dia</u>			
	1.00 Nos. @ Rs.	Each		Rs.
9.	C.I Tapered flat bottoms or central tapered flanged ends with holes i/c trimming and facing of flanged for all sizes (M.S.I.NO: P/ )			
	59.20 Kg @ Rs.	P:Kg		Rs.
10.	C.I Short Pieces (P.H.M.I.No: 9 P/15)			
	<u>6" dia</u>			
	1 No. @ Rs.	Each		Rs.
11.	Jointing C.I M.S Flanged Pipes and Specials flanged and inside a trenches i/c supplying rubber rings and testing washer etc and other tools required for joining and testing joints pressure etc complete (P.H.S.I.NO: 1 P/27)			
	<u>6" dia</u>			
	11 Joints @ Rs.	P:Joint		Rs.
	<u>4" dia</u>			
	4 Joints @ Rs.	P:Joint		Rs.

Total Rs: \_\_\_\_\_

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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A B S T R A C T

Group 'A' Pumping Machinery Rs: \_\_\_\_\_

Total Rs: \_\_\_\_\_


Amount Total (a) Rs: \_\_\_\_\_ /-

\_\_\_\_\_ % above / below on the rates of CSR, Amount to be added / deducted on the basis

Total (b) of premium quoted \_\_\_\_\_

Total (A) = a + b in works & Figures \_\_\_\_\_

CONTRACTORS

  
 (MUKHTIAR ALI)  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGINEERING  
 DIVISION THATTA