



Dated 28-12-2015

NOTICE INVITING TENDERS.


Tenders are invited from the reputed contractors / Firms registered with PEC having sufficient experience in the related field against work mentioned as under as per Sindh Public Procurement Regulatory Authority Rules 2010.

S.#	Location of Works	TALUKA	Amount (in Millions)	Tender Fee	Time
1	Construction of Storage tanks (2 Nos) i.e Sump well, Compound wall & Feeding Channel for Urban Water Supply Scheme Phase-II Jhol City District Sanghar.	Sanghar	27.000	3000/-	12 Months
2	Construction of feeding channel Ruler Water Supply Scheme Village Daar District Sanghar	Khipro	3.00	2000/-	6 Months

MANDATORY REQUIREMENTS:-

1. Blank Tender forms can be obtained from office of the undersigned during office hours from the date of publication upto **12.00 Noon** of **14-01-2016** on payment of specified tender fee. Tenders will be received back on **15-01-2016** upto **1.00 PM** & will be opened on same date at **2.00 PM** in the presence of Contractors or their authorized representatives. In case of un-responded tenders or undersigned is out of Head Quarter the next date for issuing tenders till **29-01-2016** upto **12.00 (Noon)** and the bids shall be received back on same date upto **1.00 PM** and open on same date i.e **29-01-2016 at 2.00 PM** under same terms and conditions. Earnest money in shape of pay order / call deposit equivalent to **2%** of estimated cost shall be in favour of Executive Engineer, PHE Division Sanghar. The tenders without Earnest money shall not be accepted. Earnest money of un-successful bidders shall be returned after issuance of work order to successful bidder.
2. Eligibility Criteria for intending participants is as under:-
 - i) Documents evidence of works of same nature (PHED related works) of equivalent cost or above, Executed during last three (3) years, along with certificate of satisfactory completion showing date of start and completion from employer.
 - ii) List of works and copy of letter of award. Work orders of equivalent cost or above.
 - iii) List of machinery and equipments available with documentary proof of its ownership.
 - iv) Registration with Income tax Department (NTN Copy), Sindh Revenue Board, (Sales Tax Registration) and copy of CNIC.
 - v) Undertaking on stamp paper that Firm is not involved in any litigation, Departmental rift has abandoned or made unnecessary delay in completion of any work in the Government Departments.
 - vi) The Application shall accompany along with tender fee as shown against each work for purchase of bidding documents.
 - vii) Certificate of bank showing credit worthiness along with last three (3) years audited bank statement.
 - viii) Affidavit that firm has not been black listed previously by any Executing agency.
 - ix) Affidavit that all documents / particulars / information furnished is true and correct.

- x) Conditional tenders will not be entertained.
- xi) Registration with Pakistan Engineering Council in category C-5 and above, duly renewed for the year 2015, with field of specialization CE-09.
3. The Under signed and other competent authority reserves the rights to reject any one or all the Bids as per provision of SPPRA Rules 2010 (Amended 2013).


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG DIVISION
SANGHAR

CC to the:-


Director of Information Public Relation Department Government of Sindh
Block No.96 Sindh Secretariat Karachi along with (7) Seven Copies for
publication in at least three language leading newspapers.

Secretary of Government of Sindh Procurement Technology Department
1st Floor, Sindh Secretariat No.6 Karachi for display on the website of
Sindh Government.

Director (C.B) Sindh Public Procurement Regulatory Authority (SPPRA)
Government of Sindh Barrack No.08 Secretariat No.04 A, Court Road
Karachi.

Chief Engineer, Public Health Engineering Department Government of
Sindh Hyderabad.

Superintending Engineer, Public Health Engineering Circle Mirpurkhas,
Notice Board / Drawing Branch.


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG DIVISION
SANGHAR

PUBLIC HEALTH ENGINEERING DEPARTMENT
GOVERNMENT OF SINDH

PUBLIC HEALTH ENGINEERING DIVISION SANGHAR.



BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL

FOR

NAME OF WORK:-

S.#	Location of Work	Taluka	Amount in Million	Tender Fee	Time
1	Construction of Storage tanks (2 Nos) i/c Sump well, Compound wall & Feeding Channel for Urban Water Supply Scheme Phase-II Jhol City District Sanghar.	Sanghar	27.000	3000/-	12 Months
2	Construction of feeding channel Ruler Water Supply Scheme Village Daar District Sanghar	Khipro	3.00	2000/-	06 Months

Name of Department:	Public Health Engineering Department.
Name of Procuring Agency:	Executive Engineer, Public Health Engg: Division Sanghar

Document issued to:- _____

(1)

1. Introduction:

Office of the Executive Engineer, PHE Division Sanghar intends to carry out the work for

(i) Scope:

S.#	Location of Work	Taluka	Amount in Million	Tender Fee	Time
1	Construction of Storage tanks (2 Nos) i/c Sump well, Compound wall & Feeding Channel for Urban Water Supply Scheme Phase-II Jhol City District Sanghar.	Sanghar	27.000	3000/-	12 Months
2	Construction of feeding channel Ruler Water Supply Scheme Village Daar District Sanghar	Khipro	3.00	2000/-	06 Months

- ii) Applicants will be informed in due course of time, for the result of the evaluation. The financial proposals of only those firms/bidders will be entertained/accepted who will qualify according to the eligibility criteria.

2. Section-I Instruction To Bidders/Applicants (ITB)

Clause-I

The firm/contractor shall enclose the original copy of the documents in a sealed envelope along with Financial Proposal which shall:-

- (a) Bear the name and address of the Applicant.
(b) Be delivered by hand or through courier/registered mail to address mentioned in advertisement (N.I.T) for the work.
(c) Be clearly marked "Application for submission of Financial Proposal & Information / Documents

FOR
Various works called under NIT No. TC/_____/_____
Dated _____.

Clause-2

If the envelope is not sealed and marked as required, the procuring agency will assume not responsibility for the misplacement or pre-maturing opening of the document.

Clause-3

Document shall be prepared in English Language.

Clause-4

Firm/Contractor must respond to all questions and provide complete information as advised in this document. Any lapses to provide essential information may result in dis-qualification of the firm/contractor.

Clause-5 Clarification and Modification of Documents (SPP Rule-23)

Firm/Contractor, who has obtained documents, may request for clarification of contents of bidding document in writing, and respond to such queries shall be made in writing within 3 calendar days, provided they are received at least five calendar days prior to the date of opening of bid.

Clause-6 Addendum:

At any time prior to the deadline for submission of documents the procuring agency may amend the Document by issuing addenda. Any addendum issued shall be part of the Document communicated in writing to all who have obtained the bidding document.

Clause-7 Extension of Deadline for submission of Documents.

The procuring agency may extend the dead line date of submission of bids in line with the SPPRA RULE-22 (1) (2).

Clause-8 Submission of bids (SPPRA RULE 24 (1) (2))

- i) Bids shall be submitted on the place, date and time and in the manner specified in the tender notice and bidding documents and any bid submitted late due to any reason whatsoever, shall not be considered by the procurement committee.
- ii) The bidders may submit bids on the bidding documents issued by the procuring agency or downloaded from the authority's website alongwith tender fee by mail or by hand.

Clause-9 Accuracy of Documentation.

In case of any information/documents submitted by bidder is found to be false/wrong, the bid shall be liable to rejection.

4. Section-II Application Forms.

A.1 **Application Submission Form** (The covering letter is to be submitted by the interested firm/contractor partner responsible for a joint venture, on appropriate company letter head.

1. CONTRACT AGREEMENT

The Contractor shall within 07 days of issuance of letter of award/intent or when called upon. To do so enter and execute a Contract Agreement on PWD format as annexed with the tender.

2. PERFORMANCE SECURITY

The Contractor shall obtain (at his cost) a Performance Security for proper performance, 5% of the Contract/bidding Amount and denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Procuring Agency.

The Contractor shall deliver the Performance Security to the Procuring Agency within 28 days after receiving the Letter of Acceptance. The Performance Security shall be issued by a reputable bank or financial institution selected by the Contractor, and shall be in the form as provided by the Procuring Agency.

The Contractor shall ensure that the Performance Security is valid and enforceable until the Contractor has executed and completed the Works i/c O & M period and remedies and defects. If the terms of the Performance Security specify its expiry date, and the Contractor has not become entitled to receive the Performance Certificate by the date 28 days prior to the expiry date, the Contractor shall extend the validity of the Performance Security until the Works have been completed and any defects have been remedied.

The Procuring Agency shall not make a claim under the Performance Security, except for amounts to which the Employer is entitled under the Contract.

The Procuring Agency shall indemnify and hold the contractor harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from claim under the Performance Security to the extent to which the Employer was not entitled to make the claim.

The Procuring Agency shall return the Performance Security to the Contractor within 21 days after receiving a copy of the Performance Certificate.

Without limitation to the provisions of the rest of this Sub-Clause, whenever the Procuring Agency determines an addition or a reduction to the Contract Price as a result of a change in cost and/or legislation, or as a result of a Variation, amounting to more than 25 percent of the portion of the Contract Price payable in a specific currency, the Contractor shall at the Procuring Agency's request promptly increase, or may decrease, as the case may be, the value of the Performance Security in that currency by an equal percentage.

(4)

3. Advance/Mobilization Payment

The Procuring Agency shall make an advance Payment/Mobilization advance upto 10% of the contract prices to the Contractor (a) on submission by the Contractor of a mobilization advance guarantee for the full amount of the advance in the specified form, from a Schedule Bank in Pakistan, acceptable to the procuring agency (b) Contractor shall pay interest on the mobilization advance at the rate of 10% per annum on the full amount of advance.

Unless and until the Procuring Agency receives this guarantee, or if the total advance payment is not stated in the Contract Data, this condition shall not apply.

The contractor shall deliver to the Procuring Agency Interim Payment request for the advance payment or its first installment after the Procuring Agency receives the Performance Security. This guarantee shall be issued by a reputable bank or financial institution selected by the Contractor and shall be in the form as approved by the Procuring Agency..

The Contractor shall ensure that the guarantee is valid and enforceable until the advance payment has been repaid, but its amount shall be progressively reduced by the amount repaid by the Contractor as indicated in the Payment Certificates. If the terms of the guarantee specify its expiry date, and the advance payment has not been repaid by the date 28 days prior to the expiry date, the Contractor shall extend the validity of the guarantee until the advance payment has been repaid.

The advance payment shall be repaid through percentage deductions from the interim payments/Running Amount bills determined by the Procuring Agency as follows:

- (a) Deductions shall commence in the next interim Payment Certificate/Running Amount bill following that in which the total of all certified interim payments (excluding the advance payment and deductions and repayments of retention) exceed 30 percent (30%) of the Accepted Contract Amount less Provisional Sums; and
- (b) Deductions shall be made at the rate of 25% of the amount from each interim Payment/Running amount bill (excluding the advance payment and deductions for its repayments as well as deductions for retention money) in the currencies and proportions of the advance payment until such time as the advance payment has been repaid; provided that the advance payment shall be completely repaid prior to the time when 90 percent (90%) of the Accepted Contract Amount less Provisional Sums has been certified for payment.

If the advance payment has not been prepaid prior to the issue of the Taking-Over Certificate for the Works or prior to termination under Clause of agreement [Termination by Procuring Agency] or Clause For Majeure (as the case may be), the whole of the balance then outstanding shall immediately become due and in case of termination under relevant Clauses, payable by the Contractor to the Employer.

4. TENDER GUARANTEE/EARNEST MONEY

In the event of the Contractor's failure to execute a Contract Agreement as required by hereof or to furnish a Performance Security in accordance whereof within 10 days after being required to do so in writing by the Procuring Agency, then the sum of Tender Deposit/Earnest Money as a guarantee of good faith shall be absolutely forfeited to the Procuring Agency and the Procuring Agency shall be entitled (but not obliged), by notice in writing, to draw his acceptance of the Tender and such acceptance, if so withdrawn shall thereupon be void as though it has never been given and the Contractor shall have no claim against the Procuring Agency whether for damages, specific performance or otherwise in respect of such acceptance or withdrawal.

(6)

To,

The Executive Engineer,
Public Health Engineering,
Division Sanghar.

WHEREAS the contract of _____
_____ has been awarded to
M/s _____ (hereinafter called the Contractor).

AND WHEREAS under the terms of the said contract vide letter of Intent No. _____,
dated _____ you have agreed to advance a sum of Rs. _____
(Rupees _____) only to the Contractor M/s

_____ for execution of the said work. This advance is to be recovered proportionately at the rate of 25%
from each running bill of the Contractor for the subject work, till the entire amount is recovered.

IN CONSIDERATION OF THE ABOVE, I/ we M/s
_____ at _____ of _____ Bank Guarantee
_____ to you for Contract terms and the above
amount Rs. _____ (Rupees _____) only on
behalf of the Contractor, and in default thereof we undertake to pay you on demand any sum
upto _____ but not exceeding Rs. _____ (Rupees
_____) only of the outstanding amount of

advance given by you to the said Contractor upto the date of such demand, provided always
our liability hereunder shall not exceed the aggregate amount of Rs.
_____ (Rupees _____) only.

THIS GUARANTEE shall be irrevocable and we shall make an unconditional payment to you of
the aforesaid amount on demand without further question and without any reference to the said
Contractor.

Sd/-

(7)

To,

The Executive Engineer,
Public Health Engineering,
Division Sanghar

Dear Sir,

SUBJECT: Financial Bid and Documents/information required for _____

Dear Sir,

I/We _____ the undersigned, being duly authorized to represent and act on of _____ submit the financial proposal and required Documents/Information for the project above and enclose one original copy of Financial Proposal and required documents/information and the following.

- (a) I have examined and have no reservations to the Document, issued in accordance with ITB Clause-6.
- (b). I understand that Procuring Agency may cancel the tendering process at any time and Procuring Agency is not bound either to accept any application that it may receive or financial proposals of technically disqualified bidders, without incurring any liability to the applicants.
- (c). Bids of qualified applicants will be subject to verification of all information submitted at the time of bidding.
- (d) Agency reserves the right to amend the scope and value of any contract under this project.

4. The Procuring Agency and its authorized representative (s) may contact the following persons (s) for further information, if needed.

Person to be contacted:

Telephone: _____

5. The undersigned declares that the statements and the information provided are complete and correct in every detail.

Signed

Name: _____

A-II

1. Company Profile

Date: _____

All individual firms and each partner of a joint venture applying for submission of Technical Proposal requested to complete the information in this form.

1.	Name of Firm (legal): (In case of Joint Venture (JV), legal name of each partner:
2.	Nature of Business: (Whether the firm is a Corporation, Partnership, Trust etc) (In Case of Consortium, whether the lead consortium member is a corporation, partnership, Trust etc)
3.	Head Office Address
4.	Telephone Fax Numbers: E-Mail Address:
5.	Place of Incorporation/Registration: Year of incorporation / registration:
6.	Applicant's authorized representative: Telephone Fax Number E-mail address:
7.	<p>NATIONALITY OF OWNERS</p> <p>Name _____ Country _____</p>

(ii) Information on Projects of Similar nature and equivalent value.

Contractor/Firm should provide information of the works of similar nature and equivalent value in the following format supported by documentary evidence

Name of Contract	Value of Contract	Name of Procuring Agency	Completion Date

A-VII

7. Financial Resources.

A. Banker's Information

Sr. No.	Name & Address of Bank	Contact name and title with Telephone, Fax, E-Mail
1.		

B. Annual turnover data (Construction only)

Year	Amount	Rupees in Million

Average annual construction turnover calculated as total certified payments received for work in progress or completed, divided by the number of years specified in Section-III, Qualification Criteria, Normally not be less than $2 \times V/T$, the estimated annual turnover or cash flow in the subject contract based on a straight-line projection of the Employer's

Estimated cost (V) including contingencies, over the contract duration (T). The multiplier of two may be reduced for very large contracts but should not be less than 1.5

A-VIII

8. Litigation History

Applicants, including each of the partners of a joint, venture, should provide information on any history of litigation or arbitration resulting from contracts executed in the last five year or currently under execute). A separate sheets should be used for each partners of joint venture.

A. Decided Litigation

Year.	Award for or Against Applicant	Name of Client, Cause of litigation, and matter in dispute	Disputed amount (Current Value Pak Rs. Or equivalent)

B. Pending Litigation

Year.	Matter in Dispute	Value of Pending Claim in Current Value Pak Rs. Or Equivalent	Value of pending claim as a percentage of Net Worth

Section IV. Scope of Contract: (Description of works and Period of completion)

Sr. No.	Name of Work	Estimated Cost Million	Earnest Money Million	Completion Period	Tender Fee
1.	-----As detailed in NIT-----				

Specification drawings, items of works and quantities of items are provided in Financial Proposal Documents.

SCHEDULE (A)

TERMS & CONDITIONS OF CONTRACT.

- 1. The Sindh sales tax special procedure (with holding) rules, 2011 shall apply to taxable services as are supplied, provided or rendered to persons, specified as with holding agents, in the with holding procedure, for the purpose of deduction and deposit of sales tax.**
2. The Contract/Firm has to arrange potable water to use in construction on his cost.
3. The Contractor shall have to pay 0.30% of contract cost in shape of revenue stamp duty at the time of agreement.
4. 10% deposit will be received from contractor in shape of 2% call deposit alongwith bid and 8% shall be with held on all running bills.
5. All the material of approved quality will be used, Sample of the material, fixture, cement hill sand, crush, bricks pipes, fitting, UPVC, Electrical will be got approved in advance / before execution. For Pumping Machinery, Diesel Engine & Generator, Contractor will provide Manufacturers certificate which will be verified by Incharge Engineer before making payment samples shall be collected from each new lot stacked at site in the presence of Executive Engineer or representatives and jointly sealed and got tested from approved laboratory at contractor's own cost in case the contractor fails to comply with this condition.
6. The Contractor shall maintain at the site of work "Site Order Book" (of triplicate leaves) at his own cost for taking instructions and directions from the supervising monitoring officers/officials
7. The contractor shall at his own cost provide a suitable size high visibility signboard at each location indicating the details of project as approved by the Engineer in charge
8. No premium shall be allowed on non-schedule item and 1 year operation & maintenance component.
9. On successful completion of 1 year operation & maintenance, the contractor shall hand over the scheme to concerned Executive Engineer in sound and satisfactory running condition.

10. PAYMENT MECHANISM.

- A) The Contractor shall submit running bills against the work done at site to Executive Engineer for verification and payment.
- B) The amount of mobilization advance shall be proportionately deducted from each bill.
- C) Payment against 1 year operation & maintenance shall be made on monthly basis, evenly divided in 12 months for each completed scheme, payable at the end of every month.
- D) No cost escalation shall be allowed on operation & maintenance component or part there of.
- E) The contractor shall submit copy of each paid electricity bill to Executive Engineer every month regularly.
- F) No premium allowed on Operation & Maintenance cost items.

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SANGHAR

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SANGHAR



TENDER FOR THE WORK

Issue to M/s _____ Tender fee for Rs. _____ Recieved
Vide. _____ D.R No. _____ Dated: _____
_____ Dated of opening of Tender _____

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SANGHAR

I/We hereby tender the execution for the _____

_____ Under written memorandum within the
specified time in such memorandum at.

.....Percent ABOVE/BELOW the Estimate rated entered in the Schedule
"B" Memorandum showing items of work to be carried out and in all respect with the
specification designed and instructions writing referred to in Rule thereof.

- a). General Description: Rehabilitation of Rural Water Supply / Drainage Schemes i/c One Year Operations & Maintenance of Schemes.
- b). Estimated Cost: Rs: _____ Millions
- c). Earnest Money 2% Call Deposit: Rs: _____
- g). Time of Completion _____

Should be this tender be accepted I/We hereby agree to abide be the fullfill all the terms and provisions of the conditions of contract annexed hereto so as applicable and in default hereof to forfeit any pay the _____ the sum of money mentioned in the said conditions.

Receipt No. _____ Dated: _____ from the Government Treasury / Sub-Treasury / _____ in respect of the sum of the Rs. _____ is her with forwarded representing the earnest money

a). The full value of which is to be absolutely forfeited to PHE Division deposited the full amount of Security Deposit specified in the above memorandum in accordance with Clause of the said conditions otherwise the sum of Rs. _____ shall be remained by the PHE Divisionon account of such Security Deposit specified in relevant Cluase of the conditions/agreement.

N.B The Tenderer or is required to undertake that all terms and conditions of the printed B-1 Forms inclusive of the additional conditions etc approved by the Executive Engineer PHE Division will be binding on him and these will be includes and signed by him in the even acceptance of his tender.

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SANGHAR

SCHEDULE B**FOR CONSTRUCTION OF STORAGE TANKS (2 NOS) I/C SUMP WELL, COMPOUND WALL & FEEDING CHANNEL FOR URBAN WATER SUPPLY SCHEME PHASE-II JHOL CITY DISTRICT SANGHAR**

S.#	Description	Qty	Rate	Unit	Amount
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PART-A STORAGE TANK (Size 315x200')

1. Excavation for tanks and reservoirs in soft soil i/c trimming and dressing sides to alignment design section/profile and shape levelling of beds of trenches to correct level and grade i/c laying of earth in 6" layers of construction of tanks and crossing and disposal of surplus excavated earth with one chain as directed by Engineer incharge providing fence guards lights flages where-ever required lift upto 5'(1.52m)lead upto one chain (30.5m)(PHSI No:1 P/67).
(0-5' Depth)

378170.0 Cft.	Rs.3000/-	P%0 Cft	Rs. 1134510/-
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2. Excavation for tanks and reservoirs in Wet Soil i/c trimming and dressing sides to alignment design section/profile and shape leveling of beds of trenches to correct level and grade i/c laying of earth in 6" layers of construction of tanks and crossing and disposal of surplus excavated earth with one chain as directed by Engineer in charge providing fence guards lights flags where-ever required lift upto 5'(1.52m)lead upto one chain (30.5m)(PHSI No:14 P/74).
A) (0-5' depth)

236888.43 Cft.	Rs.4800/-	P%0cft	Rs. 1137064/-
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B) (5 to 8') Depth

4583.0 Cft	Rs. 5350/-	P% 0 Cft	Rs. 24519/-
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3. Excavation for pipe line and reservoirs in soft soil i/c trimming and dressing sides to alignment design section/profile and shape levelling of beds of trenches to correct level and grade i/c laying of earth in 6" layers of construction of tanks and crossing and disposal of surplus excavated earth with one chain as directed by Engineer incharge providing fence guards lights flages where-ever required lift upto 5'(1.52m) lead upto one chain (30.5m)(PHSI No:1 P/60).

2400.0 Cft.	@Rs. 3600/-	P%0 Cft	Rs. 8640/-
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4. Excavation for pipe line and reservoirs in Wet soil i/c trimming and dressing sides to alignment design section/profile and shape levelling of beds of trenches to correct level and grade i/c laying of earth in 6" layers of construction of tanks and crossing and disposal of surplus excavated earth with one chain as directed by Engineer incharge providing fence guards lights flages where-ever required lift upto 5'(1.52m) lead upto one chain (30.5m)(PHSI No:1 P/60).
(5-8' depth)

1600.00 Cft.	@Rs. 5400/-	P%0 Cft	Rs. 8640/-
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7. Excavation in foundation of building and other structure i/c dag belling dressing refilling around the structure with excavated earth watering and ramming lead upto one chain and lift upto 5' (In ordinary soil) (GSI No: 18(b)P/4).

3531.0 Cft.	@ Rs.3176/25	P% 0 Cft.	Rs. 11215/-
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8. Earth work compaction (soft ordinary soil or hard soil) laying earth in 6" layers leveling dressing and watering complete (GSI No.13(b) P-3)
- | | | | |
|-------------|------------|---------|-------------|
| 68598.0 Cft | @Rs. 354/- | P%0 Cft | Rs. 24284/- |
|-------------|------------|---------|-------------|
9. Extra for every 50' additional lead or part of tank and reservoirs for earth work (soft ordinary hard or very hard soil) (GSI no.8 (a) P-2)
- | | | | |
|---------------|-------------|---------|--------------|
| 551043.43 Cft | @Rs. 604/68 | P%0 Cft | Rs. 333205/- |
|---------------|-------------|---------|--------------|
10. Cement concrete plain i/c placing compacting finishing curing etc complete i/c screening and washing or stone aggregate without shuttering Ratio 1:4:8 (GSI No:5 P-18) .
Ratio 1:4:8
- | | | | |
|--------------|----------------|---------|---------------|
| 61381.0 Cft. | @ Rs: 11288/75 | P% Cft. | Rs: 6929148/- |
|--------------|----------------|---------|---------------|
11. Cement concrete brick or stone ballast 1 1/2" to 2" guage (GSI No:4,(b)P/15).
Ratio 1:4:8.
- | | | | |
|------------|--------------|---------|-----------|
| 28.35 Cft. | @ Rs.9416/28 | P% Cft. | Rs.2670/- |
|------------|--------------|---------|-----------|
12. Cement concrete plain i/c placing compacting finishing curing etc complete i/c screening and washing or stone aggregate without shuttering Ratio 1:4:8 (GSI No:5 P-16) .
Ratio 1:2:4
- | | | | |
|----------|----------------|--------|------------|
| 8.00 Cft | @ Rs. 14429/25 | P% Cft | Rs. 1154/- |
|----------|----------------|--------|------------|
- Ratio 1:3:6**
- | | | | |
|-------------|---------------|--------|---------------|
| 28851.0 Cft | @ Rs. 12595/- | P% Cft | Rs. 3633783/- |
|-------------|---------------|--------|---------------|
13. Brick lining 9"x4"-1/2"x 3" in (1:6) cement sand mortar (GSI NO.8 P/95)
- | | | | |
|--------------|----------------|---------|---------------|
| 9611.34 Cft. | @ Rs. 13163/40 | P% Cft. | Rs. 1265179/- |
|--------------|----------------|---------|---------------|
- Apron
- | | | | |
|--------------|----------------|---------|--------------|
| 3343.87 Cft. | @ Rs. 12519/07 | P% Cft. | Rs. 418622/- |
|--------------|----------------|---------|--------------|
14. Pacca brick work in foundation and plinth in cement sand mortar (1:6) (GSI No:4(e)P/20)
- | | | | |
|-------------|---------------|---------|--------------|
| 5543.0 Cft. | @ Rs.11948/36 | P% Cft. | Rs. 662298/- |
|-------------|---------------|---------|--------------|
15. 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 seperatly. This rate also includes all kinds of forms mould lifting shuttering curring rendering and finishing the exposed surface (i/c screening and washing of shingle)a RCC work in roofs slabs beams columns rafts lintels and other structural members laid in situ or precast liad in position complete the all respect (I) Ratio 1:2:4 90 lbs cement 2cft sand 4 cft shingle 1/8" to 1/4" guage.(GSI No: 6 (a) P-17).
- | | | | |
|------------|-------------|--------|-------------|
| 207.0 Cft. | @ Rs: 337/- | P/Cft. | Rs: 69759/- |
|------------|-------------|--------|-------------|
16. Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position and fastening i/c cost of binding wire etc.(GSI No:8(b)P-17)
- | | | | |
|-----------|---------------|--------|-------------|
| 8.31 Cwt. | @ Rs: 5001/70 | P/Cwt. | Rs: 41564/- |
|-----------|---------------|--------|-------------|

17.	Cement plaster (1:6) upto 12' height ½" thick.(GSI No:13(b)P/52).			
	13517.0 Sft	@ Rs: 2206/60	P% Sft	Rs: 298266/-
18.	Cement plaster (1:4) upto 12' height 3/8" thick.(GSI No:11(a)P/52).			
	13517.0 Sft	@ Rs: 2197/52	P% Sft	Rs: 297039/-
19.	Providing laying jointing and testing ASTM pipe B Class cutting fitting and jointing with rubber ring i/c testing with water to a head of 183 meter or 600 ft (PHSI NO.2 P/17)			
	18" dia 1x80.0 Rft	@Rs.618/-	P/Rft	Rs. 49440/-
20.	C.I Sluice valve heavy pattern test pressure 300 lbs/sq inch) imported special C.I fitting (SMI No. 2 P/ 12).			
	18" Dia 2 Nos	@Rs. 110700/-	Each	Rs.221400/-
21.	Supplying CI Tail piece with one ans socket at the other end (SOMI NO.9 P/16)			
	18" dia 2x2 = 4.0 Nos			
	4 Nos	@Rs. 8287/50	Each	Rs. 33150/-
22	Jointing C.I/M.S flanged pipe and specials flanged and inside a treanche i/c Supplying rubber packing of the required thickness nuts bolts with washers 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).			
	18" Dia 4.0 Joint	@Rs. 3456/-	P/Joint	Rs. 13824/-
23.	Providing fixing CI Main hole cover and frame i/c cost of material etc (PHSI No.1 P 35)			
	2.0 Cwt	@Rs. 6985/-	P/Cwt	Rs. 13970/-
24.	Refilling the excavated stuff in trenches in 6" thick layers i/c watering and Ramming to full compaction etc complete. (P.H.S.I.NO:24 P/53).			
	3600.0 Cft	@Rs. 2760/-	P%0 Cft	Rs.9936/-
25.	Cement pointing struck joints on walls(1:3)(GSI NO:19(a)p/59			
	25848.60 Sft	@ Rs: 1213/58	P% Sft	Rs: 313698/-
			Total:-	Rs. 16956977/-

PART – B COMPOUND WALL.

1.	Excavation in foundation of building and other structure i/c dag belling dressing refilling around the structure with excavated earth watering and ramming lead up to one chain and lift up to 5' (In ordinary soil) (GSI No: 18(b)P/5).			
	5969.06 Cft.	Rs.3176/25	P% 0 Cft.	Rs. 18959/-
2.	Cement concrete brick or stone ballast ratio 1:4:8.. (GSI No 4 P/ 15)			
	1193.81 Cft	Rs.9416/28	P% Cft	Rs. 112412/-

3.	Errection and removal of centering for R.C.C or plain cement concrete work Of partial wood vertical (G.S.I.NO:19 P/18).	11095.0 Sft	Rs.3127/41	P% Sft	Rs.346986/-
4.	Cement concrete plain i/c placing compacting finishing curing etc complete i/c screening and washing of stone aggregate with out shuttering (Ratio 1:3:6)(GSI No: 5 P/16)	5547.50 Cft	Rs.12595/-	P% Cft	Rs.698708/-
5.	Pucca brick work in other than Building in cement sand mortar ratio 1:6 (GSI No:7 P/22)	2721.0 Cft	Rs:12346/65	P% Cft	Rs: 335954/-
6	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. This rate also includes all kinds of forms mould lifting shuttering curing rendering and finishing the exposed surface (i/c screening and washing of shingle)a RCC work in roofs slabs beams columns rafts lintels and other structural members laid in situ or pre cast laid in position complete the all respect (I) Ratio 1:2:4 90 lbs. cement 2cft sand 4 Cft shingle 1/8" to 1/4"guage.(GSI No: 6 (a) P-17)	58.31 Cft.	Rs: 337/-	P/Cft.	Rs. 19650/-
7.	Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position and fastening i/c cost of binding wire etc.(GSI No:8(b)P-17)	2.34 Cwt.	Rs: 5001/70	P/Cwt.	Rs. 11704/-
8.	S/F steel grated door complete with locking arrangement angle iron frame 2"x2"x1 1/8" and 3/4:" sq bars 4" centre to centre . (G.S.I.NO:26 P/97)	72.0 Sft	Rs.726/72	P/ Sft	Rs.52324/-
9.	Cement plaster (1:4) upto 12' height 1/2" thick.(GSI No:13(b)P/52).	8895.0 Sft	Rs.2283/93	P% Sft	Rs. 203156/-
10.	Cement pointing struck joints on walls(1:3)(GSI NO:19(a)p/59)	5548.0 Sft	RS.1213/58	P% Sft	RS.67329/-
11.	Rough cost stucco cement plaster 3/4" thic in preparation 1:1 1/2" in cement sand & bajri in pattern (GSI NO. 32 P/55)	4755.0 Sft	Rs.2306/10	P% Sft	Rs. 109655/-
12.	<u>PAINTING NEW SURFACE.</u> Preparing surface and painting of door and window of any Type i/c edges three coats (GSI No:5 P/69).	144.00 Sft	Rs:2116/41	P% Sft	Rs:3048/-

13. White washing three coats (GSI No:26,P/54).

8895.0 Sft Rs. 829/95 P% Sft Rs. 73824/-

14. Color washing two coats (GSI No:25,P/54)

5548.0 Sft Rs:859/90 P% Sft Rs: 47707/-
Rs.2101414/-

PART – C FEEDING CHANNEL

1. Excavation in foundation of building and other structure i/c dag belling dressing refilling around the structure with excavated earth watering and ramming lead up to one chain and lift up to 5' (In ordinary soil) (GSI No: 18(b)P/9).

12000.0 Cft. Rs.3176/25 P% 0 Cft. Rs. 38115/-

2. Cement concrete plain i/c placing compacting finishing curing etc complete i/c screening and washing of stone aggregate with out shuttering (GSI No: 5 P/16)

(A-Ratio 1:4:8)

1980.0 Cft Rs.11288/75 P% Cft Rs. 223517/-

(B-Ratio 1:2:4)

750.0 Cft Rs.14429/25 P% Cft Rs. 108219/-

3. Pucca brick work in foundation and plinth in cement sand mortar (1:6) (GSI No. 4 P/20)

8250.0 Cft Rs. 11948/36 P% Cft Rs. 985740/-

4. Cement plaster 1:4 upto ½" thick (GSI NO. 11 (b) P/ 52)

16000.0 Sft Rs.2283/93 P% Sft Rs. 365429/-

5. 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. This rate also includes all kinds of forms mould lifting shuttering curing rendering and finishing the exposed surface (i/c screening and washing of shingle)a RCC work in roofs slabs beams columns rafts lintels and other structural members laid in situ or pre cast laid in position complete the all respect (I) Ratio 1:2:4 90 lbs. cement 2cft sand 4 Cft shingle 1/8" to ¼" guage.(GSI No: 6 (a) P-17)

81.0 Cft. Rs: 337/- P/Cft. Rs. 27297/-

6. Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position and fastening i/c cost of binding wire etc.(GSI No:7(b)P-19)

3.25 Cwt. Rs: 5001/70 P/Cwt. Rs. 16256/-
Total Rs. 1764573/-

ABSTRACT

Part-A	Storage tanks	Rs. 16956977/-
Part-B	Compound wall	Rs. 2101414/-
Part-C	Feeding Channel	<u>Rs. 1764573/-</u>
Total		Rs. 20822964/-

CONDITIONS.

1. Any error omission in the specification quantity and unit will be governed by the relevant schedule items.
2. The rates should be inclusive of all taxes i.e sales tax octroi tax etc.
3. No separate carriage will be paid to the contractor
4. No premium will be allowed for no-schedule items.
5. The decision of the Superintending Engineer, Public Health Engineering Circle Mirpurkhas will be final and binding the parties if in any dispute.

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SANGHAR