



OFFICE OF THE
EXECUTIVE ENGINEER PUBLIC HEALTH
ENGINEERING DIVISION KARACHI.

NO.EC/AB/ 275 /2018.

Karachi Dated, 28/2 /2018.

To,

The Assistant Manger,
In-charge (Receipt Section),
Sindh Public Procurement Regulatory Authority,
Karachi.

SUB:- NOTICE INVITING TENDER.

Enclosed find herewith N.I.T No.TC/G-148/236 /2018dated, 19 /02 /2018 with following documents for hoisting on your web site.

D.A

1. Notification of Procurement Committee
2. Letter on Notification Complaint Redressal Committee.
3. Annual Procurement Plan for the Year 2017-2018.
4. Cheque/Pay Order Rs.2000/=
5. Complete Set of Bidding Documents.
6. CD.

(SIKANDER ALI MEMON)

EXECUTIVE ENGINEER

PUBLIC HEALTH ENGG: DIVISION
KARACHI.

Copy forward with complements to the..

- The Member Procurement Committee for information.
- Copy to Notice board for wide publicity.

SPPRA INWARD DIARY

NO : 6525

DATED : 06-03-2018



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

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

NO: GM/PHED/ 205 /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 Karachi.

Mr. Anjeeneer Lal Superintending Engineer PHE Circle Hyderabad.	Chairman
Mr. Mohsin Qazi Executive Engineer Local Government Department Govt: of Sindh Karachi.	Member
Mr. Saleem Ahmed Siddique Divisional Accounts Officer PHE Division Karachi.	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/272 dated 16-02-2016.

Executive Engineer PHE Division Karachi for information with reference to letter No: PHE/148/3022 dated 19-01-2016.

Mr. Mohsin Qazi Executive Engineer Local Govt: Department Govt: of Sindh Karachi for information.

Mr. Saleem Ahmed Siddique Divisional Accounts Officer PHE Division Karachi for information.

T/C
R.



GOVERNMENT OF SINDH
PUBLIC HEALTH ENGINEERING AND
RURAL DEVELOPMENT DEPARTMENT

Karachi dated the 27th January, 2017.

NOTIFICATION

NO. SO(T)/PHE/SPPRA-Rules/2013/(Pt-II):- In exercise of powers conferred by rule-7 & 8 of SPP Rules, 2010, the division wise procurement committees in Public Health Engineering Department are hereby re-constituted as under:-

S. NO.	NAME OF PHE DIVISION	PROCUREMENT COMMITTEE	CHAIRMAN/ MEMBER
01.	Hyderabad-I	Executive Engineer, Public Health Engineering Division No.I, Hyderabad-I Executive Engineer, Education Works Division, Hyderabad Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
02.	Hyderabad-II	Executive Engineer, Public Health Engineering Division No.II, Hyderabad Executive Engineer, Education Works Division, Hyderabad Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
03.	Jamshoro	Executive Engineer, Public Health Engineering Division, Jamshoro Executive Engineer, Education Works Division, Jamshoro Section Officer(Admn.), PHE, Public Health Engineering & Rural Development Department	Chairman Member Member

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04.	Tando Mohammad Khan	Executive Engineer, Public Health Engineering Division, Tando Mohammad Khan	Chairman
		Executive Engineer, Education Works Division, Tando Mohammad Khan	Member
		Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department	Member
05.	Matiari	Executive Engineer, Public Health Engineering Division, Matiari	Chairman
		Divisional Accounts Officer, Hala Division, Irrigation Department, Hyderabad	Member
		Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department	Member
06.	Karachi-I	Executive Engineer, Public Health Engineering Division, Karachi-I	Chairman
		Executive Engineer, Local Govt. Department, Karachi	Member
		Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department	Member
07.	Karachi-II	Executive Engineer, Public Health Engineering Division, Karachi-II	Chairman
		Executive Engineer, Local Govt. Department, Karachi	Member
		Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department	Member

24.	Shikarpur		<p>Executive Engineer Public Health Engineering Division, Shikarpur</p> <p>Executive Engineer, Machinery & Maintenance Division, Khairpur @ Shikarpur</p> <p>Section Officer (Tech.) PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
25.	Kashmore Kandhkot	@	<p>Executive Engineer, Public Health Engineering Division Kashmore @ Kandhkot</p> <p>Executive Engineer, Roads, Kashmore @ Kandhkot</p> <p>Section Officer (Tech.) PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
26.	Thatta		<p>Executive Engineer, Public Health Engineering Division Thatta</p> <p>Executive Engineer, Highway Division, Thatta</p> <p>Section Officer(Admn.)PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
27.	Sujawal		<p>Executive Engineer, Public Health Engineering Division Sujawal</p> <p>Executive Engineer, Highway Division, Thatta/Sujawal</p> <p>Section Officer(Admn.)PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>

28.	Badin	Executive Engineer, Public Health Engineering Division Badin	Chairman
		Executive Engineer, Highway Division, Badin	Member
		Section Officer(Admn.)PHE, Public Health Engineering & Rural Development Department	Member

Terms of reference of the Committees:-

01. Preparing bidding documents
02. Carrying out technical as well as financial evaluation of the bids
03. Preparing evaluation report as provided in Rule- 45
04. Making recommendations for the award of contract to the competent authority and
05. Perform any other function ancillary and incidental to the above

The Procurement Committees constituted vide this department Notification No. SO(T)/PHE/SPPRA-Rules/2013(pt-II) dated 16-09-2013 dated 05-05-201, dated September, 2015 & letter No. SO(T)/PHE/SPPRA-Rules/2013 dated 19-12-2016 are hereby repealed.

TAMEEZUDDIN KHERO
SECRETARY TO GOVERNMENT OF SINDH

NO. SO(T)/PHE/SPPRA-Rules/2013/(Pt-II):- Karachi dated the 27th January, 2017.

CC to:-

01. The Secretary, Works & Services Department, Govt. of Sindh, Karachi.
02. The Secretary, Local Government Department, Govt. of Sindh, Karachi.
03. The Secretary, Irrigation Department, Govt. of Sindh, Karachi.
04. The Secretary, School Education Department, Govt. of Sindh, Karachi
05. The Chief Engineers, Public Health Engineering Deptt. Hyderabad/Sukkur.
06. The Managing Director, Procurement Regulatory Authority, Sindh, Karachi.
07. The PS to Minister, Public Health Engineering & Rural Dev. Deptt. Sindh, Karachi.
08. The PS to Secretary, Public Health Engineering & Rural Dev. Deptt. Sindh, Karachi.
09. The Members concerned.

NO. E/GM/PHE/196

Hyd: dt 3/2/2017

A copy is forwarded to the Superintending Engineers PHE circle Hyderabad and Meerpur for information and necessary action.

(MOHAMMAD BUX JARWAR)
SECTION OFFICER (TECH.)

(KHALIL AHMED SOOMRO)
CHIEF ENGINEER
Public Health Engg. Department



**OFFICE OF THE
EXECUTIVE ENGINEER PUBLIC HEALTH
ENGINEERING DIVISION KARACHI.**

District Council Building Opposite Mashriq Centre, Sir
Shah Suleman Road Gulshan e Iqbal Karachi. Phone No:
021-99231945 Fax No. 02199231901

No.TC/G-148/ 236 /2018.

Karachi dated, 19/2 /2018

To,

The Director (Advertisement)
Information Department,
Govt: of Sindh,
Karachi.

SUBJECT:- PUBLICATION OF TENDER NOTICE.

Enclosed please find herewith (07 Copies) of Tender Notice for Publication in one insertion well reputed National Dailies in English, Urdu, & Sindhi. Further if is requested that the Advertisement is essential & publication be restricted to 03 No's leading News Papers only, keeping in view the budgetary constrain.

It is also desired that the advertisement charges for the relevant advertisement shall be met out of the Development budget for which funds are available during the current financial year and also bill my please be sent immediately after publication of tender Notice so as to clear the charges without accumulation as arrears.

Jumal
20/02/2018
R&I Incharge
Advertisement Section
Information Department
Govt. of Sindh, Karachi

[Signature]
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION
KARACHI.

Copy forwarded for information and necessary action to.

1. The Director (CB) SPPRA Gos for information and downloading in your website.
2. The Chief Engineer Public Health Engg: Deptt: Govt: of Sindh Hyderabad for information.
3. Superintending Engineer Public Health Engg: Circle Hyderabad for information.
4. Assistant Engineer concerned.
5. The Notice Board & Drawing Branch.



**OFFICE OF THE
EXECUTIVE ENGINEER PUBLIC HEALTH
ENGINEERING DIVISION KARACHI.**

District Council Building Opposite Mashriq Centre, Sir
Shah Suleman Road Gulshan e Iqbal Karachi. Phone No:
021-99231945 Fax No. 02199231901

NOTICE INVITING TENDER.

Sealed Tender on Standard Bidding Document form are hereby invited from the interested participants reputed experienced firms & contractors registered with Pakistan Engineering Council.

The tender will be issued up-to 19-3-2018 at 12 noon and the same will be received back & opened on the same date at 12:30(AN). In case the bids are not responded on the next date for receipt & opening in fixed as 26-3-2018 Or 27-3-2018 at 12 noon (FN). The next tender documents can be had from the office of the undersigned on payment of tender fee shown against each item (Non refundable).

The bid security in shape of pay order of any schedule bank in favor of Executive Engineer Public Health Engineering Division Karachi, must be attached with the tender documents. Conditional tenders will not be accepted. The undersigned reserves the rights to reject any bid or all bids or all any time prior to the acceptance.

S. #.	Name Of Work	Estimated Cost	Bid 5% Security	Tender Fee	Time Period
1.	Construction of C/Water Tank 60" dia (1 No.) I/C P/House S/Qtr: C/Wall & Providing Laying Jointing & Testing Delivery Main 12" dia PE Pipe (PN-16) for W/Supply Sch: Hub Dam to 42 Various Villages Constt: of surface W/T with P/Room I/C Electricity System Near Hub Dam River Deh –Allah Phai District Karachi.	Rs.24.880 Million.	Rs.1.244 Million.	Rs.2000/=	5 Months
2.	Providing Laying Jointing & Testing Rising Main 10" dia PE Pipe (PN-8) Hub canal to Water Works I/C Constt: of C/W/Tank (1No) P/House Sump/Well & C/Wall @ Intake for W/Supply Sch: Hub Dam to 42 Various Villages Constt: of surface W/T with P/Room I/C Electricity System Near Hub Dam River Deh –Allah Phai District Karachi.	Rs. 22.484 Million.	Rs.1.125 Million.	Rs.2000/=	5 Months

MANDATORY REQUIREMENTS.

- a. Bid bond in shape pay order in the name of Executive Engineer PHE Division Karachi.
- b. Valid PEC Registration Certificate in relevant category for Year 2018.
- c. Field of Specialization CE-09, CE-10, ME-06, EE-04.
- d. Affidavit in which the bidder undertakes that it is not involved in any litigation.
- e. National Tax Number Certificate with CNIC, Annual Return Statement of FBR and Audit report for the year 2015.
- f. Affidavit in which it should be undertaken that the information provided is true and correct.
- g. Affidavit that the bidders has not been black listed by any Government/Semi Government/Autonomous body.
- h. Sindh Revenue Board Registration Certificate.
- i. Bank statement showing 40% funds available for proposed Work.

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

The blank tender forms can be obtained from office of the undersigned on application during office hour's up-to 19/3/2018 on payment of tender fee specified against each work Tenders will be received back on dated 19-3 /2018. Up to 12.00 Noon & Will be opened on same date up to 12.30 PM being executive Engineer/Chairman in the presence of Committee Members, contractors of their authorized representative. In case of un-responded tenders next date the blank tender form can be obtained from office of the undersigned up to 26-3-2018 up to 12.00 Noon on payment of tenders fee specified against each work. The tenders with be received back on same date upto 12.30 PM and will be opened on same date up-to Executive Engineer/Chairman in the presence of Committee Member, contractors of their authorized representatives. The Earnest money specified would be pledged in the name of Executive Engineer Public Health Engineering Division Karachi in the shape of call deposit from any scheduled Bank and must be attached with bid documents, Otherwise it will not be entertained 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 as well as SPPRA website at 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 Karachi with sale tax paid certificate otherwise 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.


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
KARACHI.

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, information Public Relation Department Government of Sindh, Block No.96 Sindh Secretariat Karachi along with (7)Seven Copies for publication in at least three languages leading news papers, i.e Sindhi, Urdu & English.
3. The Director (C.B) Sindh Public Procurement Regulatory Authority (SPPRA) Government of Sindh block No.08 Secretariat No.04-A, Court Road Karachi, Along with demand draft No. 25921082 Dated 28-2- 2018, amounting to Rs.2000/- in the name of Director (A&F) SPPRA Government of Sindh.
4. The Superintending Engineer Public health Engineer Circle Hyderabad for his kind information.
5. The Members of Procurements Committee for information.
6. Assistant Engineer All Under PHE Division Karachi for information.
7. Copy to All Head of Branches PHE Division Karachi for information.
8. Copy to Notice Board for Local Publicity.
9. Copy to office file.

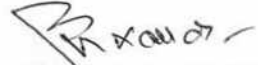
PROCUREMENT PLAN FOR THE YEAR 2017-2018
ADP PROGRAM SCHEMES IN
PUBLIC HEALTH ENGINEERING DIVISION KARACHI.

S.#	Description of Procurement	Quantity where applicable	Estimated cost.	Fund Allocation for the Year 2017-2018	Sources of the Funding.	Procuring Method	Time of Procurement				Remarks
							1 st : Quarter	2 nd : Quarter	3 rd : Quarter	4 th : Quarter	
1.	2.	3.	4.	5.	6.	7.	8				9.
1.	Constt: of C/Water Tank 60'Dia (1 No.)I/C P/House S/Qtr C/Wall & Providing Laying Jointing & Testing Delivery Main 12" dia PE Pipe (PN-16) for W/Supply Sch :Hub Dam to 42 Various Villages Constt: of SurfaceW/T with P/Room I/C Electricity System Near Hub Dam River Deh-Allah Phai Distt: Karachi.	1 Nos:	24.880 Million.	50.000 Million.	ADP		12.500 Million.	--	--	--	
2.	Providing Laying Jointing & Testing Rising Main 10" dia PE Pipe (PN-8)Hub Canal to Water Works I/C Constt: of C/Water Tank (1 No.)I/C P/House S/Well C/Wall @ Intak for W/Supply Sch :Hub Dam to 42 Various Villages Constt: of SurfaceW/T with P/Room I/C Electricity System Near Hub Dam River Deh-Allah Phai Distt: Karachi	1 Nos:	22.484 Million.	50.000 Million.	ADP		12.500 Million.	--	--	--	


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION
KARACHI.

PROCUREMENT PLAN FOR THE YEAR 2017-2018
ADP PROGRAM SCHEMES IN
PUBLIC HEALTH ENGINEERING DIVISION KARACHI.

S.#	Description of Procurement	Quantity where applicable	Estimated cost.	Fund Allocation for the Year 2017-2018	Sources of the Funding.	Procuring Method	Time of Procurement				Remarks
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EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION
KARACHI.

PUBLIC HEALTH ENGINEERING DEPARTMENT
GOVERNMENT OF SINDH

PUBLIC HEALTH ENGINEERING DIVISION KARACHI.



**BIDDING DOCUMENTS WITH FINANCIAL
PROPOSAL**

FOR

NAME OF WORK:-

**CONSTRUCTION OF C/ W/TANK 60" DIA (1 NO) I/C P/
HOUSE, S/ QUARTER, C/WALL & PROVIDING LAYING
JOINTING DELIVERY MAIN 12" DIA PE PIPE PN-16 FOR
WATER SUPPLY SCHEME HUB DAM TO 42 VARIOUS
VILLAGES. CONSTRUCTION OF SURFACE W/ T/ WITH
PUMP ROOM I/C ELECTRICITY SYSTEM NEAR HUB DAM
RIVER DEH ALLAH PHAI
DISTRICT KARACHI**

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

Document issued to:- M/S. _____

1. Introduction:

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

(i) Scope:

Rehabilitation of Rural Water Supply & Drainage Schemes i/c One Year Operations & Maintenance of Schemes in following Districts:

Sr. No.	Name of Schemes	Taluka
1	W/SUPPLY SCHEME HUB DAM TO 42 VARIOUS VILLAGES CONSTT: OF SURFACE NEAR HUB DAM RIVER DEH-ALLAH PHAI DISTT: KARACHI.	MALIR.

(ii). Estimate Cost: 24.880 (In Million)

(iii). Completion Period: 05 Months

- **Eligibility:** Valid Registration with Pakistan Engineering Council in Valid Category and field of specialization CE-09 & CE-10
- 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 obtain the minimum criteria / qualifying score based on Marks / Score (SECTION-II)

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

W/SUPPLY SCHEME HUB DAM TO 42 VARIOUS VILLAGES CONSTT:
OF SURFACE NEAR HUB DAM RIVER DEH-ALLAH PHAI DISTT:
KARACHI.

Clause-2

If the envelope is not sealed and marked as required, the procuring agency will assume no 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 bidding document in writing, and respond to such queries shall be made in writing within calendar days, provided they are received at least five calendar days prior to the date of open 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 shall be communicated in writing to all who have obtained the bidding document.

Clause-7 Deadline for submission of Documents (SPP Rule 22 & 24)

Documents shall be received by the procuring agency at the address Executive Engineer, PHE Division Karachi Telephone 99231901 not later than the 19-03-2018 upto 1:00 PM and tenders will be opened on 19-03-2018 at 2:00 PM in the presence of contractor or their authorized representatives. The procuring agency may, at its discretion, extend the deadline for the submission of documents by amend in subject to the previous deadline shall thereafter be subject to the deadline as extended.

Clause-8 Evaluation (Rule 27 (2)):

Firm/Contractors, general and particular experience, personnel and equipment capabilities, and financial position, as demonstrated by the Applicant's responses in prescribed forms will be evaluated as per evaluation criteria given in the document. The procurer agency reserves the right to waive minor deviations, if these don't materially affect the capability of an applicant to perform the contract. Sub-Engineer's experience and resources shall not be taken into account in determining the firm/contractor compliance with the qualifying criteria firms will be considered for similar treatment as in case of Joint Venture.

Clause-9 Clarification of Prequalification Information (Rule 43):

To assist the evaluation information, the agency may, at its discretion, ask any firm/contractor for a clarification information which shall be submitted within a

Clause-10 Verification of Documents / Information (Rule 28 (Id):

Verification of the information provided by the firms/contractors in the submissions for bidding along with Financial Proposal made. In case the information is found to be wrong or incorrect in any material way firm/contractor is found to be taking in the capability or resources to successfully perform contract, then it shall not be entertained and financial proposal submitted will not be accepted.

3. Section-II: Evaluation / Qualification Criteria.

1. Criteria based on Marks/Score

Mandatory Provisions/Eligibility: Firms/Contractors must possess (i) valid registration certificate of PEC for the year 2014 in the relevant category CE-09 and in CE-10 discipline (ii) valid registration certificate from income tax authority (NTN), (iii) at least Two contract of equivalent value in last five years (iv) Litigation Affidavit by Bidder (v) Audited Accounts of Last 3 Years (vi) Firm/Contractors is not black listed (Attach all certificates and affidavit of not black listing)

(A) Company Profile.

- | | | |
|----|--|----------|
| i. | Period since Firm/Contractor is in construction business | 10 Marks |
| | Up to 5 Years | 02 Marks |
| | Up to 10 Years | 05 Marks |
| | Above 10 Years | 10 Marks |

(Attach PEC License for each year)

- | | | |
|-----|-----------------------------------|----------|
| ii. | Office facilities | 05 Marks |
| | In Sindh Province | 03 Marks |
| | In any other province / Islamabad | 01 Mark |
| | Outside Country | 01 Mark |

(B) General Experience Record. 40 Marks

- | | | |
|----|---|--|
| i. | Projects of Water Supply / Drainage Scheme
Completed over last 05 years costing about equivalent value | 20 Marks for one project (basic requirement) |
|----|---|--|

(Attach satisfactory completion certificates)

- | | | |
|-----|--|----------|
| ii. | Projects of similar nature and complexity in hand. | 20 Marks |
| | (10 Marks for each project having cost Rs. 36.40 Million or above) | |

(Attach copies of work orders)

(C) Personnel Capabilities

required for this project

20 Marks

Following factors shall be used as a guide line.

Sr. No.	Description/Position with qualification & experience	Number Required	Marks assigned	Remarks
1	BSc (Civil Engg:)/BE(Civil) Engineers registered with Pakistan Engineering Council (PEC) with experience of 5 years or above.	02	20	06 Marks for experience of 3 to 05 years, 09 Marks for above 10 years (Attach Tax payment challan showing at least 1 year continuous employment with firm 1 Additional Mark for MSc (Civil Engg:) / M.E (Civil)
2.	Diploma in Civil Engineering with experience of 2 years or above	04	10	Qualifying experience for Sub Engineer minimum Five(5) years

(D) Equipment Capability

10 Marks

- Critical equipment and number required for the project shall be specified by the applicant.
- High value equipment should be an option to own, lease or hire.
- Total equipment available with the applicant is to be listed along with its current mobilization on on-going project.

(Details are to be provided in the attached form)

(E) Financial Soundness/Status

10 Marks

For Financial Status assessment, the Applicants may be required to submit audited Financial Statements for the last three years, the procuring agency will make enquires with the firms / contractors bankers.

Working Capital in hand for this project/work (Attach proof of Bank Statement/Credit Facilities)

- Less than 15% of Estimated Cost of this Work 01 Marks
- Less than 25% of Estimated Cost of this Work 02 Marks
- Less than 40% of Estimated Cost of this Work 04 Marks
- More than 40% of Estimated Cost of this Work 10 Marks

Qualifying Score is 50%, but it is mandatory to obtain 40% in each section.

- (2) Based on Yes/No or Pass/Fail System.

Mandatory Provisions/Eligibility: Firms/contractors must possess (i) valid registration certificate of PEC in the category CE-01 and CE-04 discipline for 2014

year, (ii) valid registration certificate from income tax authority (NTN), and (iii) is not black listed (Attach all certificates and affidavit of not black listing)

Required Documents: It must include following information / documents:-

- (A) Firm/Contractor have been in business of construction at least for 05 years.
- (B) Experience and past projects performance.
 - (i). Have completed at least (1) scheme of water supply having cost of at least 50 Million of the single project in the last Five (05) years.
 - (ii). Have executed at least one (01) project in similar geographical condition in last five (05) years.

(Attach performance certificates of completed projects)

(C) Key Personal Qualification & Experience

(Requirement will vary from assignment to assignment)

- (i). Site Engineers. Qualification: B.E.(Civil), Number ().
Experience: () Similar assignments,
() years experience.
- (ii). Sub Engineer/
Quantity Surveyors: Qualification: Diploma in Civil, Number; ()
Experience: () similar assignment,
() years experience.

(D) Equipment.

- (a) Critical equipment and number required for the project shall be specified by the bidder (Attach list of equipment).
- (b). High value equipment should be an option to own, lease or hire.
- (c). Total equipment available with the applicant is to be listed along with its current mobilization on on-going projects

(E). Financial:

- (i). Documentary evidence of financial position, bank statement or audited accounts last Three (03) Years)
- (ii). Average Annual turnover of the last three years should not be less than thrice the cost of work under procurement.

Any other information.

- i) Details of disputes/litigation or arbitration with client if any.
- ii) Any other document/information desired by procuring agency.

G. BID VALUATION PROCEDURE

S#	Name of Bidder	Eligibility points	wt: 80%	Final Eligibility	Financial Points (cost of lowest bidder/cost of bidder)x100=	Finan: wt: 20%	Final Finan: points	Combined Score Col(5+8)	Bid declared by the Committee
1	2	3	4	5	6	7	8	9	10

4. Section-III Application Forms.

A.I 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 remedied 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

under the PWD
 for the Bidder
 to be used

3. Advance Payment

The Procuring Agency shall make an advance payment, as an interest-free loan for mobilization and cash flow support, when the Contractor submits a guarantee in accordance with this Sub-Clause. The total advance will be 15% (Fifteen) of agreed Contract/Bid Price.

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 through his designated Engineer 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 repaid 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

REQUEST FOR MOBILIZATION ADVANCE GUARANTEE

To,

The Executive Engineer,
Public Health Engineering,
Division Karachi

WHEREAS the contract of W/SUPPLY SCHEME HUB DAM TO 42 VARIOUS VILLAGES
CONSTT: OF SURFACE NEAR HUB DAM RIVER DEH-ALLAH PHAI DISTT: KARACHI of
Schemes 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/-

To,

The Executive Engineer,
Public Health Engineering,
Division Karachi

Dear Sir,

**SUBJECT: FINANCIAL PROPOSAL AND DOCUMENTS/INFORMATION
REQUIRED FOR CONSTRUCTION OF C/ W/TANK 60" DIA (1 NO) I/C P/
HOUSE, S/ QUARTER, C/WALL & PROVIDING LAYING JOINTING
DELIVERY MAIN 12" DIA PE PIPE PN-16 FOR WATER SUPPLY
SCHEME HUB DAM TO 42 VARIOUS VILLAGES. CONSTRUCTION OF
SURFACE W/ T/ WITH PUMP ROOM I/C ELECTRICITY SYSTEM NEAR
HUB DAM RIVER DEH ALLAH PHAI DISTRICT KARACHI**

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, including Ad No.(s) _____, issued in accordance with ITB Clause-6.
 - (b). I understand that Procuring Agency may cancel the tendering process at any time an 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 applicants.
 - (c). Bids by technically 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: _____

Contract: _____

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.	NATIONALITY OF OWNERS Name _____ Country _____

A-III

2. General Experience Record

- (i). Details of Contracts of Similar Nature and Complexity completed over last 05 years.

Sr.No.	1	2	3	4	5
Name of Contract:					
Country:					
Name of Procuring Agency with Address, Telephone, Fax					
Nature of Works and special features relevant to the contract for which applied.					
Contract Role (Mention: Sole, Sub-Contractor or Partner in a Joint Venture)					
Value of the total contract in Pak/Rs:					
Date of Award					
Date of Completion					

(ii) **Projects of Similar nature and complexity in hand.**

Firms/Contractor and each partner of the joint venture should provide information on their current commitments on all contractors that have been awarded, or for which a letter of intend or acceptance has been received, or for contracts approaching completion, but for which substantial Completion Certificate has yet to be issued.

Name of Contract	Value of Contract	Name of Procuring Agency	Value of Outstanding work (Equivalent Pak Rs. Millions)	Estimated Completion Date

(iii) Projects executed in similar geographical conditions in last five (5) years.

Sr.No.	1	2	3	4	5
Name of Contract:					
Country:					
Name of Procuring Agency with Address, Telephone, Fax					
Nature of Works and special features relevant to the contract for which applied.					
Contract Role (Mention: Sole, Sub-Contractor or Partner in a Joint Venture)					
Value of the total contract in Pak/Rs:					
Date of Award					
Date of Completion					

A-IV

4 (A) Personnel Capabilities

Firm / Contractor should provide the names of suitability qualified personnel to meet the specified requirements stated in Section-3(Evaluation and Qualification Criteria). The data on their experience should be supplied using the Form below for each candidate.

Sr. No.	Title of Position	Name/Present Address with Contact Nos.
1.		
2.		
3.		
4.		
5.		

A-V.

5. Equipment Capabilities

Firm/Contractor shall provide adequate information to demonstrate clearly that capability to meet the requirements for the key equipment listed in Section-3 (Evaluation Qualification Criteria) A Separate Form Shall be prepared for each item of equipment for alternative equipment proposed by the Bidder.

Sr. No.	Name of Equipment	Name of Manufacture	Model and Power rating	Capacity	Year of Manufacture	Current Location	Sources Owned, I Leased Specially Manufacture
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

A-VI.

Following information shall be provided if equipment is not owned by the Bidder.

Sr. No.	Name of Equipment	Name of Owner	Address of Owner	Contact name and title with Telephone Fax & Email	Agreement Details of rental lease/ manufacture agreements specified to the Project
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

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. Financial Status: (Summarize actual assets and liabilities in Pak Rupees (Equivalent at the current rate of exchange at the end of each year, for the previous three years). A copy of the audited balance sheets should be attached.

Information from Balance Sheet/Income Statement	Year-I	Year-2	Year-3
1. Total Assets (T)			
2. Total Liabilities (TL)			
3. Current Assets (CA)			
4. Current Liabilities (CL)			
5. Total Revenues (TR)			
6. Profits Before Taxes (PBT)			
7. Profits After Taxes (PAT)			

C. Annual turnover data (Construction only)

Year Amount and Currency Rupees in Million

- 1.
- 2.
- 3.

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 be 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 USS 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 etailed in NIT-----				
<p>Specification drawings, items of works and quantities of items are provided in Financial Proposal Documents.</p>					

ABSTRACT OF COST

Sr. No	DESCRIPTION	COST	
1.	Total Tender Cost	=	Rs:
a)	Non Schedule Items	=	Rs:
	NET TOTAL	=	Rs:
2.	Total Tender Cost	=	Rs:
<p>Rupees:- _____</p> <p>_____</p>			
Signature Contractor/Firm		EXECUTIVE ENGINEER PUBLIC HEALTH ENGG: DIVISION KARACHI	

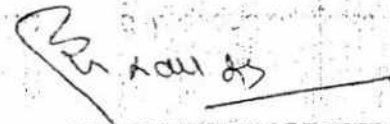
SCHEDULE (A)

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 proportionally 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.
- 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 will be allowed on O/M item / Cost.



EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG. DIVISION
KARACHI



EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
KARACHI

TENDER FOR THE WORK

Issue to M/s _____ Tender fee for Rs. /- Received
Vide. _____ D.R No. ____/____ Dated:
_____ Dated of opening of Tender 19-03-2018

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
KARACHI

I/We hereby tender the execution for the Rehabilitation of Rural Water Supply / Drainage Schemes i/c One Year Operations & Maintenance of Schemes 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: 24.880 Millions
- c). Earnest Money 2% Call Deposit: Rs: 1.244 Million
- g). Time of Completion Five Months

Should be this tender be accepted I/We hereby agree to abide be the full-fill 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

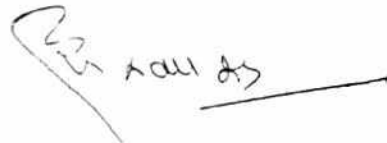
a). The full value of which is to be absolutely forfeited to PHE Division deposited the full amount of Security Deposit specified in the above memorandum in accordance with Clause of the said conditions otherwise the sum of Rs. _____ shall be remained by the PHE Divisionon account of such Security Deposit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

GENERAL ABSTRACT OF SCHEDULE B OF COST

CONSTRUCTION OF C/ W/TANK 60" DIA (1 NO) I/C P/ HOUSE, S/ QUARTER,
C/WALL & PROVIDING LAYING JOINTING DELIVERY MAIN 12" DIA PE PIPE PN-16
FOR WATER SUPPLY SCHEME HUB DAM TO 42 VARIOUS VILLAGES.
CONSTRUCTION OF SURFACE W/ T/ WITH PUMP ROOM I/C ELECTRICITY SYSTEM
NEAR HUB DAM RIVER DEH ALLAH PHAI DISTRICT KARACHI



EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DEPT:
KARACHI

SCHEDULE 'B'.

NAME OF WORK.

CONSTRUCTION OF C/ W/TANK 60" DIA (1 NO) I/C P/ HOUSE, S/ QUARTER, C/WALL & PROVIDING LAYING JOINTING DELIVERY MAIN 12" DIA PE PIPE PN-16 FOR WATER SUPPLY SCHEME HUB DAM TO 42 VARIOUS VILLAGES. CONSTRUCTION OF SURFACE W/ T/ WITH PUMP ROOM I/C ELECTRICITY SYSTEM NEAR HUB DAM RIVER DEH ALLAH PHAI DISTRICT KARACHI.

HEAD OF A/C:=

<u>S#</u>	<u>DISCRIPTION.</u>	<u>QTY.</u>	<u>AMOUNT.</u>	<u>UNIT.</u>	<u>AMOUNT.</u>
-----------	---------------------	-------------	----------------	--------------	----------------

PART A R.C.C CLEAR WATER TANK 60' DIA (I NO)

1. Excavation for tank and reservoirs in all kinds of soils murum head average of soft i/c trimming and dressing side to true alignment design section portiles and shape leveling of beds of tanks to correct level and grade i/e laying of earth in 6" layer for construction of tank and dressing and disposal of surplus excavated earth with on chain and directed by Engineer, Incharge i/c providing fence guards light flange andtemporary crossing for non vehicular traffic where ever required lift uptoone chain (30.5m) (PHSI No. 5 page No. 69).

i) 0' – 5 depth

20065.58 Cft @ Rs. 4050/- P%oCft Rs. 81266/-

ii) 5' – 8 depth

12039.34 Cft @ Rs. 4600/- P%oCft Rs. 55381/-

2. Excavation for tank and reservoirs in soft rock by hammering and chiseling where blasting is not practicable or is prohibited i/c trimming and dressing side to true alignment design sections/profiles and shape leveling of beds of tanks to correct level and grade i/c earth in 6" layer for construction of banks and dressing disposal of surplus excavated earth within one chain as directed by Engineer, Incharge i/c providing fence guards light flange andtemporary crossing for non vehicular traffic where ever required lift upto 5ft: and lead upto one chain (30.5m). (PHSI No. 6 page No. 70).

i) 8'- 11" depth

12039.34 Cft @ Rs. 11270/- P%oCft Rs. 135683/-

ii) 11'-14" depth

6019.67 Cft @ Rs. 25200/- P%oCft Rs. 151696/-

3. Cement Concrete plain i/c placing compaction finishing and curing complete i/c screening and washing of stone aggregate w/o shuttering (GSI No 5 (a) P/15) Ratio 1:4:8

3791.74 Cft @ Rs. 11288/75P%oCft Rs. 428040/-

4. Reinforcement concrete 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 rates also includes all kind of forms mould, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) R.C.C work in roof slab beams columns rafts

lintels and other structural numbers laid in position complete in all respects (i) Ratio 1:2:4: (GSI No.6 P/16).

R.C.C 1:2:4

9036.74Cft @ Rs. 337/- P%Cft. Rs. 3045381/-

5. Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal rust form bars (GSI No.8 (a) P/16).

524.45 Cwt. @ Rs. 4820/20 P.Cwt. Rs. 2527953/-

6. Providing C.I main hole over with frame i/c cost of material etc (PHSI No. 14 page No.13)

7.00 Cwt. @Rs. 4318/- P.Cwt. Rs. 30226/-

7. Providing and Fixing C.C. foundation (1:3:6) M.S. Bars angle iron 2" x 2" x 1/4" a part M.S. Bar 3/4" dia spaced 1.0 a part painting 3 coats with anticorrosive steel paint etc. complete (PHSI No. 3 Page No. 55).

For M.S Ladder

30.00 Rft @ Rs. 799/- P.Rft. Rs. 23970/-

8. Providing and fixing Ventilator (Weight not less than 80 lbs) each in tank roof of approved design with water tight joint i/c painting etc complete (P.H.S.I. No. 4 P/55)

For Ventilator

6 Nos. @ Rs. 4870/- Each Rs. 29920/-

9. Providing, "Expansion Joint" in concrete work 9" wide Corrugated P.V.C water stopper (with bulb) i/c cost of the material and labour etc. complete (PHSI No. 1 Page No 56)

422.74 Rft @ Rs. 463/- P./Rft Rs. 195849/-

10. Cement plaster (1:4) upto 20' height 3/4" thick (G.S.I. No.11 (c) Page No.51).

6438 Sft @ Rs. 3015/76 P%Sft Rs. 194155/-

11. Supplying of damppo / Pudlloorixed with cement plaster etc (S.M.I No.46 P/4)

180.25 Kg @ Rs. 290 P/Kg Rs. 52273/-

12. Water proofing layer over the domical or flat slab of the H.S.R in 2 coats of bitumen laid using 34 lbs % Sft per % Sft (PHST No.2 page No. 55).

Bitumen of Tank Roof

3612.26.1 @ Rs. 4849/01 P.%Sft. Rs.175159 /-

13. Cement concrete plain i/c placing compacting finishing and curing complete i/c screening & washing of stone aggregate w/o shuttering (G.S. Item No. 5 (a) P.15)

1:2:4 Bed of Tank

829.15 Cft @ Rs. 14429/25 P.%Cft. Rs.119640 /-

14. Extra for every 50' additional lead or part there of this rate is applicable upto ½ miles lead when the lead is exceed ½ mile the rate shall be paid on carriage of material by mechanical means lead 2 miles (GSI No 8 Page No 2)

50163.93Cft @ Rs.7812/72 P% Cft Rs. 235663/-
Total Rs 74,81,555/-

PART-B **PUMP HOUSE (Intake Side).**

1. Excavation in Foundation of Building brides and other structures including dag belling dressing refilling around structure with excavated earth watering and ramming lead up To 5ft: (C) in head soil or soft murum (GSI No. (18-c) Page No. 4).

416.50Cft. @ Rs. 3176/25 P%oCft. Rs. 1323/-

2. Cement Concrete brick or stone ballst 1"- ½" to 2" gauge (G.S Item No. 4 (b) P/14)
Ratio 1:4:8

190.36Cft @ Rs. 941/25 P%Cft Rs.17925/-

3. Errection and removal of centering RCC or plain cement concrete work of deodar wood 2nd class (vertical) G.S. Item No. 18/b (ii) P.No. 17).

Qty 466.55 sft. @ Rs. 7000/- P%Sft. Rs. 32659/-

4. Cement concrete plain i/c placing compacting finishing and curing complete i/c screening & washing of stone aggregate w/o shuttering (G.S. Item No. 5 (a) P.15)
Ratio 1:2:4

Qty349.91 @ Rs. 14429/25 P%Cft. Rs. 50,489/-

05. Providing laying (1:3:6) cement concrete solid block masonry wall above 6" thickness set in (1:6) cement mortar in ground floor super structure i/c stacking out joints &curing etc. complete (G.S. Item No. 23P.No. 18).

Qty378.28cft. @ Rs. 4621/44 P%Cft. Rs. 55309/-

06. Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal rust form bars (CSI No.7 (b) P/16).

Qty9.00Cwt. @ Rs. 5001/70 P.Cwt. Rs.45015/-

07. Reinforcement concrete 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 rates also includes all kind of forms mould, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) R.C.C work in roof slab beams columns rafts lintels and other structural numbers laid in situ of precast laid in position complete in all respects (i) Ratio 1:2:4: (CSI No.6 P/19).

Qty224.08Cft. @ Rs. 337/- P.Cft. Rs. 75515/-

08. Filling watering and remaining earth in under floor with surplus earth from foundation land upto one chain and lift up to 5 ft. (G.S.I No. 22 Page No.4)

Qty214.12cft. @ Rs. 3630/25 P%oCft. Rs. 777/-

09. Cement plaster (1:3) upto20' height ½" thick (G.S.I. No.10 Page No.51).

	Qty1479.50Sft	@ Rs. 3015/76	P%Sft	Rs. 44618/-
10.	Making and fixing steel grated door complete with 1/16" thick sheeting including angle iron frame 2 x 2 x 3/8" and 3/4 sq. yards 4" c/c with locking arrangement (G.S.I No. 24 Page No. 91)			
	Qty28.00 Sft.	@ Rs. 726/72	P.Sft.	Rs. 20348/-
11.	Supplying and fixing steel window 2 Section of 3/4" x 3/4" x 1/8" thick partly openable i/c glazing with (Market Rate)			
	Qty 48.0 Sft.	@ Rs. 210/-	P.Sft.	Rs. 10080/-
12.	Supplying and fixing in position iron / steel grill of 3/4" x 1/4" size flat iron of approved design i/c painting 3 coats etc. complete (weight not to be less than 3.7 lbs / sq. foot of finished grill) (G.S. Item No. 26 Page NO. 92).			
	Qty48.0 Sft.	@ Rs. 930/76	P.Sft.	Rs. 44676/-
13.	Providing & Laying thick topping C.C. (1:2:4) including surface finding and dividing into panel (GSI No. 16 Page 41) 2" thick.			
	Qty240.0 Sft.	@ Rs. 3275/50	P%Sft.	Rs. 7861/-
14.	Preparing Surface and painting of door a window in any type etc. Door and window only type (GSI No. 5 d Page No. 69) (2 coats).			
	Qty104.0Sft.	@ Rs. 1489/68	P%Sft.	Rs. 1549/-
15.	White Painting two coats (G.S. Item No. 26) (b) Page No. 53).			
	Qty1716.51Sft.	@ Rs. 416/63	P%Sft.	Rs. 7151/-
16.	Colour washing two coats (G.S. Item No. 25(b) Page No. 53)			
	Qty1716.51Sft	@ Rs. 859/90	P%SFt.	Rs. 5,048/-
			Total	Rs. 2,91,647/-

PART-C

STAFF QUARTER.

01.	Excavation for foundation building bridges and other structure including leveling dressing refilling around the structure with excavated earth ramming lead upto 5' in ordinary soil (G.S. Item No. 18 (C) P.No. 5).			
	Qty 540.00 Cft.	@ Rs. 3554/38	P%Cft.	Rs.1,919/-
02.	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio (1:4:8) (G.S.Item No. 4 (b) P.No. 17).			
	Qty 185.00 Cft.	@ Rs. 9416/28	P%Cft.	Rs. 17,420/-
03.	Errrection and removal of centering or plain cement concrete work of Deodar wood 2 nd Class (Vertical) (G.S. Item No. 18/b (ii) P.No. 21).			
	Qty 808.0 Sft.	@ Rs. 7000/-	P%Sft.	Rs. 56,560/-
04.	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate w/o shuttering (G.S. Item No. 5 (a) P.18) Ratio 1:3:6.			

- Qty 568.0 Cft. @ Rs. 12595/-P%Cft. Rs. 71,540/-
5. Providing laying (1:3:6) cement concrete solid block masonry wall above 6" thickness set in (1:6) cement mortar in ground floor super structure i/c Sacking out joints and curing etc complete (GSI No 23P/ 18)
- 597.00 Cft Rs. 14621/44 P%Cft. Rs. 87,290/-
6. Reinforcement Cement Concrete work i/c all labour and material except the cost of steel reinforcement for its labour for bending and binding which will be paid separately. This rate also i/c of all kinds of forms moulds lifting shuttering and finishing the exposed surface i/c screening and washing of stone aggregate (a) R.C.C work in roof slabs or precast laid in position complete in all respect (GSI No 6 P/16)
- 224.00 Cft Rs. 337/- P.Cft. Rs. 75,488/-
7. Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal rust form bars (GSI No.7 ii (a) P/16).
- Qty 10.0 Cwt. @ Rs. 5001/70 P.Cwt. Rs. 50,017/-
8. Filling watering and ramming earth floor with new earth surplus earth from foundation lead upto 1 chain and left upto 5' (GSI No 22 P/5)
- 231.00 Cft @ Rs. 1512/50 P.% Cft Rs. 3,494/-
9. Cement Plaster (1:4) upto 20' high 1/2" thick (GSI No 11 b P/ 51)
- 1313.0 Sft @ Rs. 2283/93 P.% Sft Rs. 29,988/-
10. Making and fixing steel grated door with 1/ 16" thick sheeting i/c angle iron frame 2" x 2" x 3/3" & 3/4 " sq: bars 4" centre to centre with locking arrangement (GSI No 24 P/ 97)
- 23.00 Sft @ Rs. 726/72 P.Sft Rs. 16,715/-
11. First Class deodar wood wrought joinery in doors and window etc. fixed in position i/c chowkhat holds fasts hinges iron tower bolts chocks cleats handles and cords with hooks etc. complete (GSI No 7 (b) Page No. 64)
- 48.00 Sft @Rs.1182/56 P.Sft Rs. 56,763/-
12. Supplying fixing in position iron / steel grill of 3/4 " x 1/4" size flat iron of approval i/c painting 3 coats etc complete (Weight not be less than 3.7 lbs / sqft of finishing grill) (GSI No 26 P/ 9)
- 48.00 Sft @ Rs. 180/50 P.Sft Rs. 8,664/-
13. Providing and laying 2" thick topong CC (1:2:4) i/c surface finishing and dividing into pannels (GSI No 16 (C) P/ 47) 2" thick
- 192.00 Sft @ Rs. 3275/50 P%Sft Rs. 6,283/-

14.	Preparing surface and painting of doors window in any type etc Door and Window only type (GSI No 5 (d) P/ 68) 2 Coats 248.00 Sft @ Rs. 1489/68 P%Sft	Rs. 3,694/-
15.	White painting one coats (G.S. Item No. 26(b) Page No. 60). Qty1864.00 Sft. @ Rs. 829/95 P%Sft.	Rs. 15,470/-
16.	Colour washing two coats (G.S. Item No. 25 (b) Page No. 48) Qty1332.00 Sft. @ Rs. 859/90 P%Sft.	Rs. 11,454/-
Total.		Rs. 11,454/-

PART D COMPOUND WALL (WATER WORK SIDE)

1. Excavation in foundation building bridges and other structure including leveling dressing refilling around the structure with excavated earth ramming lead upto5' in ordinary soil (G.S. Item No. 18 (C) P/No. 5.)
In ordinary Soil
Qty 3188.0 Cft. @ Rs. 3554/38 P%oCft. Rs. 11,331/-
2. Cement concrete brick or stone ballast 1 ½ to 2" gauge Ratio (1:4:8) (G.S. Item No. 4 (b) P. No. 14).
Qty 797.0 Cft. @ Rs. 9416/128 P%Cft. Rs. 75048/-
3. Erection and removal of centering RCC or plain cement concrete work of Deodar wood 2nd class (vertical) (G.S. Item No. 18/b (ii) P.No. 211).
Qty 4728.0 Sft. @ Rs. 7000/- P%Sft. Rs. 3,30,960/-
4. Cement concrete plain i/c placing compacting finishing and curing complete i/c screening & washing of stone aggregate w/o shuttering (G.S. Item No. 5 (a) P.15)
Ratio 1:2:4
Qty 3546.0 Cft. @ Rs. 12,595 P%Cft. Rs. 4,46,619/-
5. Providing laying (1:3:6) cement concrete solid block masonry wall above 6" thickness set in (1:6) cement mortar in ground floor super structure i/c sacking out joints & curing etc. complete (G.S. Item No. 23 P. No. 18).
Qty1861.87Cft. @ Rs. 14261/44 P%Cft. Rs. 2,72,232/-
6. Reinforcement cement concrete 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 rates also includes all kinds of forms module, lifting, shuttering, and finishing the exposed surface (including screening & washing of stone aggregate (a). R.C.C. work in roof slabs, beams, columns, rafts, lintels, and other structural member laid in situ or precast laid in position complete in all respect (G.S. Item No. 6 P. No. 16).
Qty 69.0 Cft. @ Rs. 337/- P.Cft. Rs. 23,253/-
7. Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending laying in position making joints and fastening including cost of binding wire also i/c removal of dust from bars (G.S. Item No. 7 ii (a) P.16).

	Qty 2.77 Cwt. @ Rs. 5001/70	P.Cwt.	Rs. 13,855/-
8.	Making and fixing steel grated door complete with 1/16" thick sheeting including angle iron frame 2 x 2 x 3/8" and 3/4" sq. yards 4" c/c with locking arrangement. (G.S.I. No. 24 Page No. 91).		
	Qty. 72.0 Sft. @ Rs. 726/72	P.Sft.	Rs. 52,324/-
9.	Cement plaster (1:4) upto 20' height 1/2" thick (G.S. Item No. 11 (b) Page No. 51).		
	Qty 7447.50 Sft. @ Rs. 2283/93	P% Sft.	Rs. 1,70,097/-
10.	White wash two coats (G.S. Item No. 26 (b) page No. 53).		
a)	<u>One coat.</u>		
	Qty 7447.50 Sft. @ Rs. 416/63	P% Sft.	Rs. 31,029/-
b)	<u>Two coats.</u>		
	Qty 14895.0 Sft @ Rs. 425/84	P% Sft.	Rs. 63,429/-
11.	Colour washing two coat (GSI No. 25 (b) P/60).		
	Qty. 14895.0 Sft. @ Rs. 859/95	P% Sft.	Rs. 1,28,089/-
12.	Painting doors and windows any type (GSI No 5(c) P/69)		
	Qty. 144.00 Sft. @ Rs. 2116/41	P% Sft.	Rs. 2,145/-
		Total	Rs. 16,19,411/

PART – E DELIVERY MAIN 12" DIA P.E PIPE PN 16

- Excavation for pipe line in trenches and pits in all kind of soils of murum i/c trimming and dressing side to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer, In charge, providing fence guards, Lights, flage and temporary crossing for non vehicular traffic where ever required lift upto 5ft: and lead upto one chain (PHSI No.5 P/ 47)
12" dia P.E Pipe (OD 315mm PN 16)
Qty. 26337.50 Cft. @ Rs. 4650/- P%oCft Rs. 1,22,469/-
- Excavation of pipe line trenches and pits in soft rock i/c trimming & dressing side to the alignment and shape leveling of beds of the trenches to correct level and grade cutting joint holes and disposal of surplus earth with in a one chain as directed by Engineers incharge, Providing fence guards light flags and temporary crossing for non vehicular traffic where ever required lift upto 5ft and lead upto one chain (P.H S.No.6 Page No.62)
0' – 5' depth - 12" dia Pipe (OD 315mm PN 16)
Qty. 48912.50Cft @ Rs. 10770/- P.%oCft. Rs. 5,26,788/-
- Providing laying and fixing in trench i/c fitting jointing & Testing complete in all respect the high density polyethylene P.E Pipe (HDE-100) for Water Supply confirmaing ISO – 4427 / DIN 8074 8075 BS 3580 & Psi 3051 etc. completed (PHSI No 1 Page No. 25_
(OD 315mm = 12" dia PN 16)
Qty. 4300.0 Rft.@ Rs. 2915/- P. Rft. Rs.12534500/-
- C.I Sluice valve heavy pattern (Test Pressure 300 Lbs/Sq Inch imported) (PHSMI No 2 P/9) 12" dia
2Nos @ Rs. 78000/- Each Rs. 1,56,000/-
- Supplying of Reflex heavy pattern (Test Pressure 22 kg/sq cm 300 Lbs/Sq Inch imported)

(PHSMI No 6 P/11 Volume No III)

7 Nos. @ Rs. 21,937/- Each.

Rs. 1,53,563,-

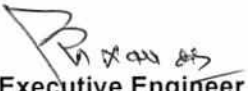
6. Supplying Air valve Double acting. (Cacol) (PH SMI No 8 P=12 Volume No III)
3 Nos. @ Rs. 4000/- Each. Rs. 12000/-
- 7 C.I Short Piece (SMI No 9 P/15)
20 Nos @ Rs. 2600/- Each Rs. 52000/-
8. P.E Special for Cutting for C.P Specials (PHSI of MV No III No A Page No 18)
- 02 Nos @ Rs. 16129/- Each Rs. 32258/-
- Elbow 90o (12" dia)
02 Nos @ Rs. 17657/- Each Rs. 35314/-
- C.I Reducer (12 x 10)
01 No @ Rs. 4260/- Each Rs. 4260/-
- Fire Hydran 122" dia
03 Nos @ Rs. 3625/- Each Rs. 10875/-
9. Jointing C.I. / M.S flanged pipes and specials flanged and inside a trench including 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. Item No. 1 Page No. 40)
12" dia
Qty. 15 Joints. @ Rs. 2239/- P. Joint Rs. 33,585/-
10. Butt Fusion Joints (PHS of MV No III No. H Page No. 20)
12" dia
Qty. 08 Nos @ Rs. 2200/- P. Joint Rs. 17,600/-
11. Refilling the Excavated stuff and trenches 6" thick layerIncluding watering , ramming and full compaction etc.Complete. (P.H.S. Item No. 24 Page No. 77)
90 % Qty.
Qty. 67725.0Cft@ Rs. 2760/- P.%oCft. Rs. 1,86,921/-
12. Providing chamber 21/2x2 1/2 (750x750 mm)inside dimension 4 1/2' (1372 mm) deep as per approved design for sluice valve 3" to 12" dia. with 18" (457 mm) dia inside cast iron cover and frame (wt=1 cwt 3 qr) fixed in RCC 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry walls set in 1:6 cement concrete 6" (1152 mm)thick cement concrete 1:3:6 in foundation 1: (25 mm) thick cement concrete 1:2:4 flooring 1/2" (25 mm) thick cement concrete 1:2:4 flooring 1/2" (12.5 mm) Thik cement plaster 1:3 to all inside wall surface and to top i/c providing And fixing M.S foot rest at every one foot beyond 2 1/2 ft depth curing excavation Back filling and disposal of surplus earth etc. complete.(PHSI.No. 1 P-49)
5 Nos. @ Rs. 18820/- Each. Rs. 94,100/-

TOTAL Rs.13972233/-

CONDITION

1. Any error and omission in the description quantity rate unit will be governed by the relevant schedule of rate estimate.
2. The rate quoted by the contractor will be inclusive of transportation charges upto site work.
3. No premium will be allowed Non schedule items.
4. No Separate carriage will be paid to contractor.
5. The premium should be inclusive of all the taxes i/c series i/c etc.
6. The contractor will not be allowed to withdraw their tender or ask to refund call deposit for the period from one month to three months.

(CONTRACTOR)


Executive Engineer
Public Health Engineering
Division Karachi

PUBLIC HEALTH ENGINEERING DEPARTMENT
GOVERNMENT OF SINDH

PUBLIC HEALTH ENGINEERING DIVISION KARACHI.



**BIDDING DOCUMENTS WITH FINANCIAL
PROPOSAL**

FOR

NAME OF WORK:-

Providing Laying Jointing & Testing Rising Main 10" Dia
PE Pipe PN-8 from Hub Canal to Water Work i/c
Construction of Clear Water Tank 1 No, Pump House,
Sump Well & Compound wall at Intake for Water Supply
Scheme Hub Dam to 42 Various Villages Construction of
surface W/T with Pump Room including Electricity
System Near Hub Dam River Deh Allah Phai District
Karachi

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

Document issued to:- M/S. _____

1. Introduction:

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

(i) Scope:

Rehabilitation of Rural Water Supply & Drainage Schemes i/c One Year Operations & Maintenance of Schemes in following Districts:

Sr. No.	Name of Schemes	Taluka
1	W/SUPPLY SCHEME HUB DAM TO 42 VARIOUS VILLAGES CONSTT: OF SURFACE NEAR HUB DAM RIVER DEH-ALLAH PHAI DISTT: KARACHI.	MALIR.

(ii). Estimate Cost: 22.484 (In Million)

(iii). Completion Period: 05 Months

- **Eligibility:** Valid Registration with Pakistan Engineering Council in Valid Category and field of specialization CE-09 & CE-10
- 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 obtain the minimum criteria / qualifying score based on Marks / Score (SECTION-II)

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

W/SUPPLY SCHEME HUB DAM TO 42 VARIOUS VILLAGES CONSTT:
OF SURFACE NEAR HUB DAM RIVER DEH-ALLAH PHAI DISTT:
KARACHI.

Clause-2

If the envelope is not sealed and marked as required, the procuring agency will assume no 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 bidding document in writing, and respond to such queries shall be made in writing within calendar days, provided they are received at least five calendar days prior to the date of open 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 shall be communicated in writing to all who have obtained the bidding document.

Clause-7 Deadline for submission of Documents (SPP Rule 22 & 24)

Documents shall be received by the procuring agency at the address Executive Engineer, PHE Division Karachi Telephone 99231901 not later than the 19-03-2018 upto 1:00 PM and tenders will be opened on 19-03-2018 at 2:00 PM in the presence of contractor or their authorized representatives. The procuring agency may, at its discretion, extend the deadline for the submission of documents by amend in subject to the previous deadline shall thereafter be subject to the deadline as extended.

Clause-8 Evaluation (Rule 27 (2)):

Firm/Contractors, general and particular experience, personnel and equipment capabilities, and financial position, as demonstrated by the Applicant's responses in prescribed forms will be evaluated as per evaluation criteria given in the document. The procurer agency reserves the right to waive minor deviations, if these don't materially affect the capability of an applicant to perform the contract. Sub-Engineer's experience and resources shall not be taken into account in determining the firm/contractor compliance with the qualifying criteria firms will be considered for similar treatment as in case of Joint Venture.

Clause-9 Clarification of Prequalification Information (Rule 43):

To assist the evaluation information, the agency may, at its discretion, ask any firm/contractor for a clarification information which shall be submitted within a

If the envelope is not sealed and marked as required, the procuring agency will assume no 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.

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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 shall be communicated in writing to all who have obtained the bidding document.

Clause-7 Deadline for submission of Documents (SPP Rule 22 & 24)

Documents shall be received by the procuring agency at the address Executive Engineer, PHE Division Karachi Telephone 99231901 not later than the 14-4-2016 upto 1:00 PM and tenders will be opened on 14-04-2016 at 2:00 PM in the presence of contractor or their authorized representatives. The procuring agency may, at its discretion, extend the deadline for the submission of documents by amend in subject to the previous deadline shall thereafter be subject to the deadline as extended.

Clause-8 Evaluation (Rule 27 (2)):

Firm/Contractors, general and particular experience, personnel and equipment capabilities, and financial position, as demonstrated by the Applicant's responses in prescribed forms will be evaluated as per evaluation criteria given in the document. The procurer agency reserves the right to waive minor deviations, if these don't materially affect the capability of an applicant to perform the contract. Sub-Engineer's experience and resources shall not be taken into account in determining the firm/contractor compliance with the qualifying criteria firms will be considered for similar treatment as in case of Joint Venture.

Clause-9 Clarification of Prequalification Information (Rule 43):

To assist the evaluation information, the agency may, at its discretion, ask any firm/contractor for a clarification information which shall be submitted within a stated reasonable period of time. Any request for clarification shall be in writing to

any firm/contractor does not provide clarifications/ information requested by the date and time set in the agencies request for clarification application of the firm/contractor may be rejected.

Clause-10 Verification of Documents / Information (Rule 28 (Id):

Verification of the information provided by the firms/contractors in the submissions for bidding along with Financial Proposal made. In case the information is found to be wrong or incorrect in any material way firm/contractor is found to be taking in the capability or resources to successfully perform contract, then it shall not be entertained and financial proposal submitted will not be accepted.

3. Section-II: Evaluation / Qualification Criteria.

1. Criteria based on Marks/Score

Mandatory Provisions/Eligibility: Firms/Contractors must possess (i) valid registration certificate of PEC for the year 2014 in the relevant category CE-09 and in CE-10 discipline (ii) valid registration certificate from income tax authority (NTN), (iii) at least Two contract of equivalent value in last five years (iv) Litigation Affidavit by Bidder (v) Audited Accounts of Last 3 Years (vi) Firm/Contractors is not black listed (Attach all certificates and affidavit of not black listing)

(A) Company Profile.

- | | | |
|----|--|----------|
| i. | Period since Firm/Contractor is in construction business | 10 Marks |
| | Up to 5 Years | 02 Marks |
| | Up to 10 Years | 05 Marks |
| | Above 10 Years | 10 Marks |

(Attach PEC License for each year)

- | | | |
|-----|----------------------------------|----------|
| ii. | Office facilities | 05 Marks |
| | In Sindh Province | 03 Marks |
| | In any other province /Islamabad | 01 Mark |
| | Outside Country | 01 Mark |

(B) General Experience Record. 40 Marks

- | | | |
|----|---|--|
| i. | Projects of Water Supply / Drainage Scheme | |
| | Completed over last 05 years costing about equivalent value | |
| | 20 Marks for one project (basic requirement) | |

(Attach satisfactory completion certificates)

- | | | |
|-----|--|----------|
| ii. | Projects of similar nature and complexity in hand. | 20 Marks |
| | (10 Marks for each project having cost Rs. 36.40 Million or above) | |

(Attach copies of work orders)

(C) Personnel Capabilities required for this project
Following factors shall be used as a guide line.

20 Marks

Sr. No.	Description/Position with qualification & experience	Number Required	Marks assigned	Remarks
1	BSc (Civil Engg:)/BE(Civil) Engineers registered with Pakistan Engineering Council (PEC) with experience of 5 years or above.	02	20	06 Marks for experience of 3 to 05 years. 09 Marks for above 10 years (Attach Tax payment challan showing at least 1 year continuous employment with firm 1. Additional Mark for MSc (Civil Engg:) / M.E (Civil)
2.	Diploma in Civil Engineering with experience of 2 years or above	04	10	Qualifying experience for Sub Engineer minimum Five(5) years

(D) Equipment Capability

10 Marks

- Critical equipment and number required for the project shall be specified by the applicant.
- High value equipment should be an option to own, lease or hire.
- Total equipment available with the applicant is to be listed along with its current mobilization on on-going project.

(Details are to be provided in the attached form)

(E) Financial Soundness/Status

10 Marks

For Financial Status assessment, the Applicants may be required to submit audited Financial Statements for the last three years, the procuring agency will make enquires with the firms / contractors bankers:

Working Capital in hand for this project/work (Attach proof of Bank Statement/Credit Facilities)

- Less than 15% of Estimated Cost of this Work 01 Marks
- Less than 25% of Estimated Cost of this Work 02 Marks
- Less than 40% of Estimated Cost of this Work 04 Marks
- More than 40% of Estimated Cost of this Work 10 Marks

Qualifying Score is 50%, but it is mandatory to obtain 40% in each section.

(2) Based on Yes/No or Pass/Fail System.

Mandatory Provisions/Eligibility: Firms/contractors must possess (i) valid registration certificate of PEC in the category CE-01 and CE-04 discipline for 2014 year, (ii) valid registration certificate from income tax authority (NTN), and (iii) is not black listed (Attach all certificates and affidavit of not black listing)

Required Documents: It must include following information / documents:-

- (A) Firm/Contractor have been in business of construction at least for 05 years.
- (B) Experience and past projects performance.
 - (i). Have completed at least (1) scheme of water supply having cost of at least 50 Million of the single project in the last Five (05) years.
 - (ii). Have executed at least one (01) project in similar geographical condition in last five (05) years.

(Attach performance certificates of completed projects)

(C) Key Personal Qualification & Experience

(Requirement will vary from assignment to assignment)

- (i). **Site Engineers.** Qualification: B.E.(Civil), Number ().
Experience: () Similar assignments,
() years experience.
- (ii). **Sub Engineer/** Qualification: Diploma in Civil, Number; ()
Quantity Surveyors: Experience: () similar assignment,
() years experience.

(D) Equipment.

- (a) Critical equipment and number required for the project shall be specified by the bidder (Attach list of equipment).
- (b). High value equipment should be an option to own, lease or hire.
- (c). Total equipment available with the applicant is to be listed along with its current mobilization on on-going projects

(E). Financial:

- (i). Documentary evidence of financial position, bank statement or audited accounts last Three (03) Years)
- (ii). Average Annual turnover of the last three years should not be less than thrice the cost of work under procurement.

Any other information.

- i) Details of disputes/litigation or arbitration with client if any.
- ii) Any other document/information desired by procuring agency.

G. BID VALUATION PROCEDURE

S#	Name of Bidder	Eligibility points	wt: 80%	Final Eligibility	Financial Points (cost of lowest bidder/cost of bidder) x 100 =	Finan: wt: 20%	Final Finan: points	Combined Score Col(5+8)	Bid declared by the Committee
1	2	3	4	5	6	7	8	9	10

4. Section-III Application Forms.

A.I 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 remedied 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.

3. Advance Payment

The Procuring Agency shall make an advance payment, as an interest-free loan for mobilization and cash flow support, when the Contractor submits a guarantee in accordance with this Sub-Clause. The total advance will be 15% (Fifteen) of agreed Contract/Bid Price.

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 through his designated Engineer 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 Majeuré (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.

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

REQUEST FOR MOBILIZATION ADVANCE GUARANTEE

To,

The Executive Engineer,
Public Health Engineering,
Division Karachi

WHEREAS the contract of W/SUPPLY SCHEME HUB DAM TO 42 VARIOUS VILLAGES
CONSTT: OF SURFACE NEAR HUB DAM RIVER DEH-ALLAH PHAI DISTT: KARACHI of
Schemes 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.

To,

The Executive Engineer,
Public Health Engineering,
Division Karachi

Dear Sir,

**SUBJECT: FINANCIAL PROPOSAL AND DOCUMENTS/INFORMATION
REQUIRED FOR Providing Laying Jointing & Testing Rising Main 10”
Dia PE Pipe PN-8 from Hub Canal to Water Work i/c Construction of
Clear Water Tank 1 No, Pump House, Sump Well & Compound wall at
Intake for Water Supply Scheme Hub Dam to 42 Various Villages
Construction of surface W/T with Pump Room including Electricity
System Near Hub Dam River Deh Allah Phai District Karachi**

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, including Ad No.(s) _____, issued in accordance with ITB Clause-6.
 - (b). I understand that Procuring Agency may cancel the tendering process at any time an 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 applicants.
 - (c). Bids by technically 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: _____

Contract: _____

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.	NATIONALITY OF OWNERS Name _____ Country _____

A-III

2. General Experience Record

(i). Details of Contracts of Similar Nature and Complexity completed over last 05 years.

Sr.No.	1	2	3	4	5
Name of Contract:					
Country:					
Name of Procuring Agency with Address, Telephone, Fax					
Nature of Works and special features relevant to the contract for which applied.					
Contract Role (Mention: Sole, Sub-Contractor or Partner in a Joint Venture)					
Value of the total contract in Pak/Rs:					
Date of Award					
Date of Completion					

(ii) Projects of Similar nature and complexity in hand.

Firms/Contractor and each partner of the joint venture should provide information on their current commitments on all contractors that have been awarded, or for which a letter of intend or acceptance has been received, or for contracts approaching completion, but for which substantial Completion Certificate has yet to be issued.

Name of Contract	Value of Contract	Name of Procuring Agency	Value of Outstanding work (Equivalent Pak Rs. Millions)	Estimated Completion Date

(iii) Projects executed in similar geographical conditions in last five (5) years.

Sr.No.	1	2	3	4	5
Name of Contract:					
Country:					
Name of Procuring Agency with Address, Telephone, Fax					
Nature of Works and special features relevant to the contract for which applied.					
Contract Role (Mention: Sole, Sub-Contractor or Partner in a Joint Venture)					
Value of the total contract in Pak/Rs:					
Date of Award					
Date of Completion					

A-IV

4 (A) Personnel Capabilities

Firm / Contractor should provide the names of suitability qualified personnel to meet the specified requirements stated in Section-3(Evaluation and Qualification Criteria). The data on their experience should be supplied using the Form below for each candidate.

Sr. No.	Title of Position	Name/Present Address with Contact Nos.
1.		
2.		
3.		
4.		
5.		

A-V.

5. Equipment Capabilities

Firm/Contractor shall provide adequate information to demonstrate clearly that capability to meet the requirements for the key equipment listed in Section-3 (Evaluation Qualification Criteria) A Separate Form Shall be prepared for each item of equipment for alternative equipment proposed by the Bidder.

Sr. No.	Name of Equipment	Name of Manufacture	Model and Power rating	Capacity	Year of Manufacture	Current Location	Sources Owned, Leased, Specially Manufacture
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

A-VI.

6. Following information shall be provided if equipment is not owned by the Bidder.

Sr. No.	Name of Equipment	Name of Owner	Address of Owner	Contact name and title with Telephone Fax & Email	Agreement Details of rental lease/ manufacture agreements specified to the Project
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

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. Financial Status: (Summarize actual assets and liabilities in Pak Rupees (Equivalent at the current rate of exchange at the end of each year, for the previous three years). A copy of the audited balance sheets should be attached.

Information from Balance Sheet/Income Statement	Year-1	Year-2	Year-3
1. Total Assets (T)			
2. Total Liabilities (TL)			
3. Current Assets (CA)			
4. Current Liabilities (CL)			
5. Total Revenues (TR)			
6. Profits Before Taxes (PBT)			
7. Profits After Taxes (PAT)			

C. Annual turnover data (Construction only)

Year Amount and Currency Rupees in Million

- 1.
- 2.
- 3.

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 be 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 USS 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 etailed in NIT-----				
<p>Specification drawings, items of works and quantities of items are provided in Financial Proposal Documents.</p>					

ABSTRACT OF COST

Sr. No	DESCRIPTION	COST	
1.	Total Tender Cost	=	Rs:
a)	Non Schedule Items	=	Rs:
	NET TOTAL	=	Rs:
2.	Total Tender Cost	=	Rs:
<p>Rupees:- _____</p> <p>_____</p> <p style="text-align: right;">EXECUTIVE ENGINEER PUBLIC HEALTH ENGG: DIVISION KARACHI</p> <p>Signature Contractor/Firm</p>			

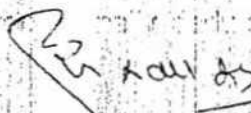
SCHEDULE (A)

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 proportionally 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.
- 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 will be allowed on O/M item / Cost.


**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG. DIVISION
KARACHI**


**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG. DIVISION
KARACHI**



EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
KARACHI

TENDER FOR THE WORK

Issue to M/s _____ Tender fee for Rs. /- Received
Vide. _____ D.R No. ____/____ Dated:
_____ Dated of opening of Tender 19-03-2018

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
KARACHI

I/We hereby tender the execution for the Rehabilitation of Rural Water Supply / Drainage Schemes i/c One Year Operations & Maintenance of Schemes 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: 22.484 Millions
- c). Earnest Money 2% Call Deposit: Rs: 1.125 Million
- g). Time of Completion Five Months

Should be this tender be accepted I/We hereby agree to abide be the full-fill 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

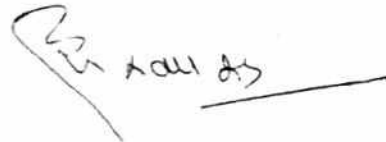
a). The full value of which is to be absolutely forfeited to PHE Division deposited the full amount of Security Deposit specified in the above memorandum in accordance with Clause of the said conditions otherwise the sum of Rs. _____ shall be remained by the PHE Divisionon account of such Security Deposit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

GENERAL ABSTRACT OF SCHEDULE B OF COST

Providing Laying Jointing & Testing Rising Main 10" Dia PE Pipe
PN-8 from Hub Canal to Water Work i/c Construction of Clear
Water Tank 1 No, Pump House, Sump Well & Compound wall at
Intake for Water Supply Scheme Hub Dam to 42 Various Villages
Construction of surface W/T with Pump Room including
Electricity System Near Hub Dam River Deh Allah Phai District
Karachi



EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DEPT:
KARACHI

SCHEDULE 'B'

NAME OF WORK:

Providing Laying Jointing & Testing Rising Main 10" Dia PE Pipe PN-8 from Hub Canal to Water Work i/c Construction of Clear Water Tank 1 No, Pump House, Sump Well & Compound wall at Intake for Water Supply Scheme Hub Dam to 42 Various Villages Construction of surface W/T with Pump Room including Electricity System Near Hub Dam River Deh Allah Phai District Karachi

HEAD OF ACCOUNT.

Item of work	Qty.	Rate	Unit	Amount
--------------	------	------	------	--------

PART A. Rising Main 10" Dia P.E Pipe PN-8

1. Excavation for pipe line in trenches and pits in all kind of soils of murum i/c trimming and dressing side to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer, In charge, providing fence guards, Lights, flag and temporary crossing for non vehicular traffic where ever required lift upto 5ft: and lead upto one chain (PHSI No.5 P/ 47).

Qty. 56761.25 Cft. @ Rs. 4650/- P%oCft Rs. 263939/-
2. Excavation for pipe line in trenches and pit in soft rock i/c trimming and dressing sides 10' 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 incharge, providing fence guards Lights, flags and temporary crossing for non vehicular traffic where ever Required lift upto 5 ft. and lead upto one chain. (PHSI No. 1 Page No. 46).

Qty. 105413.75 Cft @ Rs. 10770/- P.%oCft. Rs 1135306/-
3. Providing laying Jointing fixing in trench, including cutting fitting and jointing and testing complete in all respect of the high density polythingtence P.E pipes (HDPE-100) for w/s scheme confirming ISO 4427/DIN 8074/8075 BS-3580&Psi3051 etc completed (P.H.S.I NO. 1 P/25).

Qty. 9980.0 Rft @ Rs. 1043/- P.Rft. Rs10409140/-
4. C.I Sluice valve heavy pattern (Test Pressure 300 Lbs/Sq Inch imported) (P.H.S.I NO. 2 P/11 Volume No III).

2 Nos @ Rs. 27690/- Each Rs. 55380/-
5. Supplying C.I Reflex Valve Heavy Pattern (Test Pressure 25 Kg/Sq cm or 300 lbs / sq inch Imported) (P.H.S.I NO. 6 P/11 Volume No III).

9 Nos @ Rs. 18687/- Each Rs. 168183/-

6.	Supplying Air valve Double acting (local). (P.H.S.I NO. 8 P/12 Volume No III).			
	Qty. 5 Nos.	@ Rs. 4000/-	Each.	Rs. 20000/-
7	C.I Short Piece (SMI No 9 P/15)			
	35 Nos	@ Rs. 2212/50	Each	Rs. 77438/-
8.	P.E Special for Cutting for C.P Specials (PHSI of MV No III No A Page No 16)			
	Equal Tee (10" dia)			
	05 Nos	@ Rs. 10163/-	Each	Rs. 50815/-
	Elbow 90o (10" dia)			
	02 Nos	@ Rs. 8469/-	Each	Rs. 16938/-
	C.I Reducer			
	01 No	@ Rs. 1562/50	Each	Rs. 1563/-
	C.I Reducer			
	01 No	@ Rs. 1637/50	Each	Rs. 1638/-
9.	Jointing C.I. / M.S flanged pipes and specials flanged and inside a trench including 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. Item No. 1 Page No. 40)			
	Qty. 22 Joints.	@ Rs. 1576/-	P. Joint	Rs. 34672/-
10.	Butt Fusion Joints (PHS of MV No III No. H Page No. 20)			
	Qty. 20 Nos	@ Rs. 1800/-	P. Joint	Rs. 36000/-
11.	Refilling the Excavated stuff and trenches 6" thick layer Including watering , ramming and full compaction etc. Complete. (P.H.S. Item No. 24 Page No. 77)			
	Qty. 145957.50Cft	@ Rs. 2760/-	P. %oCft.	Rs. 402843/-
12.	Providing chamber 21/2x2 1/2 (750x750 mm)inside dimension 4 1/2'(1372 mm) deep as per approved design for sluice valve 3" to 12" dia.with 18" (457 mm) dia inside cast iron cover and frame (wt=1 cwt 3 qr)fixed in RCC 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm)thick brick masonry walls set in 1:6 cement concrete 6" (1152 m)thick cement concrete 1:3:6 in foundation 1: (25 mm) thick cement concrete 1:2:4 flooring 1/2" (25 mm) thick cement concrete 1:2:4 flooring 1/2" (12.5 mm) Thik cement plaster 1:3 to all inside wall surface and to top i/c providing And fixing M.S foot rest at every one foot beyond 2 1/2 ft depth curing excavation Back filling and disposal of surplus earth etc. complete.(PHSI.No. 1 P-49)			
	7 Nos.	@ Rs. 18820/-	Each.	Rs. 131740/-

TOTAL Rs. 12805595/-

PART B. R.C.C CLEAR WATER TANK.

1. Excavation for tank and reservoirs in all kinds of soils murum head average of soft i/c trimming and dressing side to true alignment design section portiles and shape leveling of beds of tanks to correct level and grade i/e laying of earth in 6" layer for construction of tank and dressing and disposal of surplus excavated earth with on chain and directed by Engineer, Incharge i/c providing fence guards light flange and temporary crossing for non vehicular traffic where ever required lift upto one chain (30.5m) (PHSI No. 5 page No. 69).

i) 0' - 5 depth

20065.58 Cft @ Rs. 4050/- P%oCft Rs. 81266/-

ii) 5' - 8 depth

12039.34 Cft @ Rs. 4600/- P%oCft Rs. 55381/-

2. Excavation for tank and reservoirs in soft rock by hammering and chiseling where blasting is not practicable or is prohibited i/c trimming and dressing side to true alignment design sections/profiles and shape leveling of beds of tanks to correct level and grade i/c earth in 6" layer for construction of banks and dressing disposal of surplus excavated earth within one chain as directed by Engineer, Incharge i/c providing fence guards light flange and temporary crossing for non vehicular traffic where ever required lift upto 5ft: and lead upto one chain (30.5m).
(PHSI No. 6 page No. 70).

i) 8' - 11" depth

12039.34 Cft @ Rs. 11270/- P%oCft Rs. 135683/-

ii) 11'-14" depth

6019.67 Cft @ Rs. 25200/- P%oCft Rs. 151696/-

3. Cement Concrete plain i/c placing compaction finishing and curing complete i/c screening and washing of stone aggregate w/o shuttering (GSI No 5 (a) P/15)
Ratio 1:4:8

3791.74 Cft @ Rs. 11288/75 P%oCft Rs. 428040/-

4. Reinforcement concrete 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 rates also includes all kind of forms mould, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) R.C.C work in roof slab beams columns rafts lintels and other structural numbers laid in position complete in all respects (i) Ratio 1:2:4: (GSI No.6 P/16).

9036.74Cft @ Rs. 337/- P%oCft. Rs. 3045381/-

5. Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal rust form bars (GSI No.8 (a) P/16).

524.45 Cwt. @ Rs. 4820/20 P.Cwt. Rs. 2527953/-

6. Providing C.I main hole over with frame i/c cost of material etc (PHSI No. 14 page No.13)

7.00 Cwt. @Rs. 4318/- P.Cwt. Rs. 30226/-

7. Providing and Fixing C.C. foundation (1:3:6) M.S. Bars angle iron 2" x 2" x 1/4" a part M.S. Bar 3/4" diaspaed 1.0 a part painting 3 coats with anticorrosive steel paint etc. complete (PHSI No. 3 Page No. 55).

30.00 Rft @ Rs. 799/- P.Rft. Rs. 23970/-

8.	Providing and fixing Ventilator (Weight not less than 80 lbs) each in tank roof of approved design with water tight joint i/c painting etc complete (P.H.S.I. No. 4 P/55)			
	6 Nos.	@ Rs. 4870/-	Each	Rs. 29920/-
9.	Providing, "Expansion Joint" in concrete work 9" wide Corrugated P.V.C water stopper (with bulb) i/c cost of the material and labour etc. complete (PHSI No. 1 Page No 56)			
	422.74 Rft	@ Rs. 463/-	P/.Rft	Rs. 195849/-
10.	Cement plaster (1:4) upto 20' height ¾" thick (G.S.I. No.11 (c) Page No.51).			
	6438 Sft	@ Rs. 3015/76	P%Sft	Rs. 194155/-
11.	Supplying of dampo / Pudlloorixed with cement plaster etc (S.M.I No.46 P/4)			
	180.25 Kg	@ Rs. 290	P/Kg	Rs. 52273/-
12.	Water proofing layer over the domical or flat slab of the H.S.R in 2 coats of bitumen laid using 34 lbs % Sft per % Sft (PHST No.2 page No. 55).			
	3612.26Sft	@ Rs. 4849/01	P.%Sft.	Rs.175159 /-
13.	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening & washing of stone aggregate w/o shuttering (G.S. Item No. 5 (a) P. 15)			
	829.15 Cft	@ Rs. 14429/25	P.%Cft.	Rs.119640 /-
14.	Extra for every 50' additional lead or part there of this rate is applicable upto ½ miles lead when the lead is exceed ½ mile the rate shall be paid on carriage of material by mechanical means lead 2 miles (GSI No 8 Page No 2)			
	50163.93Cft	@ Rs.7812/72	P% Cft	Rs. 235663/-
			Total.	Rs.

PART-C

PUMP HOUSE (Intake Side)

1.	Excavation in Foundation of Building bridges and other structures including daggelling dressing refilling around structure with excavated earth watering and ramming lead up To 5ft: (C) in head soil or soft murum (GSI No. (18-c) Page No. 4).			
	416.50Cft.	@ Rs. 3176/25	P%oCft.	Rs. 1323/-
2.	Cement Concrete brick or stone ballst 1"- ½" to 2" gauge (G.S Item No. 4 (b) P/14)			
	190.36Cft	@ Rs. 941/25	P%Cft	Rs.17925/-
3.	Errection and removal of centering RCC or plain cement concrete work of deodar wood 2 nd class (vertical) G.S. Item No. 18/b (ii) P.No. 17).			
	Qty 466.55 sft.	@ Rs. 7000/-	P%Sft.	Rs. 32659/-

4. Cement concrete plain i/c placing compacting finishing and curing complete i/c screening & washing of stone aggregate w/o shuttering (G.S. Item No. 5 (a) P.15)
- Qty 349.91 @ Rs. 14429/25 P%Cft. Rs. 50,489/-
05. Providing laying (1:3:6) cement concrete solid block masonry wall above 6" thickness set in (1:6) cement mortar in ground floor super structure i/c stacking out joints & curring etc. complete (G.S. Item No. 23 P.No. 18).
- Qty 378.28 cft. @ Rs. 4621/44 P%Cft. Rs. 55309/-
06. Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal rust form bars (CSI No.7 (b) P/16).
- Qty 9.00 Cwt. @ Rs. 5001/70 P.Cwt. Rs. 45015/-
07. Reinforcement concrete 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 rates also includes all kind of forms mould, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) R.C.C work in roof slab beams columns rafts lintels and other structural numbers laid in situ of precast laid in position complete in all respects (i) Ratio 1:2:4: (CSI No.6 P/19).
- Qty 224.08 Cft. @ Rs. 337/- P.Cft. Rs. 75515/-
08. Filling watering and remaining earth in under floor with surplus earth from foundation land upto one chain and lift up to 5 ft. (G.S.I No. 22 Page No.4)
- Qty 214.12 cft. @ Rs. 3630/25 P%oCft. Rs. 777/-
09. Cement plaster (1:3) upto 20' height 1/2" thick (G.S.I. No.10 Page No.51).
- Qty 1479.50 Sft @ Rs. 3015/76 P%Sft Rs. 44618/-
10. Making and fixing steel grated door complete with 1/16" thick sheeting including angle iron frame 2 x 2 x 3/8" and 3/4 sq. yards 4" c/c with locking arrangement (G.S.I No. 24 Page No. 91)
- Qty 28.00 Sft. @ Rs. 726/72 P.Sft. Rs. 20348/-
11. Supplying and fixing steel window 2 Section of 3/4" x 3/4" x 1/8" thick partly openable i/c glazing with (Market Rate)
- Qty 48.0 Sft. @ Rs. 210/- P.Sft. Rs. 10080/-

12. Supplying and fixing in position iron / steel grill of ¾" x ¼" size flat iron of approved design i/c painting 3 coats etc. complete (weight not to be less than 3.7 lbs / sq. foot of finished grill) (G.S. Item No. 26 Page NO. 92).
- | | | | |
|---------------|--------------|--------|-------------|
| Qty 48.0 Sft. | @ Rs. 930/76 | P.Sft. | Rs. 44676/- |
|---------------|--------------|--------|-------------|
13. Providing & Laying thick topping C.C. (1:2:4) including surface finding and dividing into panel (GSI No. 16 Page 41) 2" thick.
- | | | | |
|----------------|---------------|--------|------------|
| Qty 240.0 Sft. | @ Rs. 3275/50 | P%Sft. | Rs. 7861/- |
|----------------|---------------|--------|------------|
14. Preparing Surface and painting of door a window in any type etc. Door and window only type (GSI No. 5 d Page No. 69) (2 coats).
- | | | | |
|----------------|---------------|--------|------------|
| Qty 104.0 Sft. | @ Rs. 1489/68 | P%Sft. | Rs. 1549/- |
|----------------|---------------|--------|------------|
15. White Painting two coats (G.S. Item No. 26) (b) Page No. 53).
- | | | | |
|------------------|--------------|--------|-----------|
| Qty 1716.51 Sft. | @ Rs. 416/63 | P%Sft. | Rs 7151/- |
|------------------|--------------|--------|-----------|
16. Colour washing two coats (G.S. Item No. 25(b) Page No. 53)
- | | | | |
|------------------|--------------|--------|--------------------------|
| Qty 1716.51 Sft. | @ Rs. 859/90 | P%SFt. | Rs. 14761/- |
| | | | Total Rs.430056/- |

PART-D

SUMP WELL

1. Excavation for tank and reservious in all kinds of soils murum head average of soft i/c trimming and dressing side to true alignment design section portiles and shape leveling of beds of tanks to correct level and grade i/e laying of earth in 6" layer for construction of tank and dressing and disposal of surplus excavated earth with on chain and directed by Engineer, Incharge i/c providing fence guards light flag where ever required lift upto 5ft. and lead upto one chain (PHSI No. 5 page No. 50)
- i) 0 – 5 ft. depth**
- | | | | |
|-----------|--------------|--------|------------|
| 565.20Cft | @ Rs. 4050/- | P%oCft | Rs. 2289/- |
|-----------|--------------|--------|------------|
- ii) 5 – 8 ft. depth**
- | | | | |
|------------|--------------|--------|------------|
| 339.12 Cft | @ Rs. 4600/- | P%oCft | Rs. 1560/- |
|------------|--------------|--------|------------|
2. Excavation for tank and reservoirs in soft rock by hammering and chiseling where blasting is not practicable or is prohibited i/c trimming and dressing side to true alignment design sections/profiles and shape leveling of beds of tanks to correct level and grade i/c earth in 6" layer for construction of banks and dressing disposal of surplus excavated earth within one chain as directed by Engineer, Incharge i/c providing fence guards light flage where ever required lift upto 5ft: (1.52m) and lead upto one chain (30.5m).
- i) 8'-11" depth**
- | | | |
|-----------|----------------------|-----------|
| 339.12Cft | @ Rs. 11270/- P%oCft | Rs.3822/- |
|-----------|----------------------|-----------|
- ii) 11'-14" depth**
- | | | |
|-----------|----------------------|-----------|
| 339.12Cft | @ Rs. 11820/- P%oCft | Rs.4008/- |
|-----------|----------------------|-----------|

iii) **17'-20" depth**

339.12Cft	@ Rs. 26300/- P%oCft		Rs.8919/-
3.	Cement Concrete brick or stone ballst 1"- ½" to 2" gauge Ratio (1:4:8) (GSI No 4(g) P/17)		
84.83Cft	@ Rs. 11288/75 P%oCft		Rs. 9576/-
5.	Reinforcement concrete 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 rates also includes all kind of forms mould, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (a) R.C.C work in roof slab beams columns rafts lintels and other structural numbers laid in situ of precast laid in position complete in all respects (i) Ratio 1:2:4: (CSI No.6 P/19).		
438.27Cft.	@ Rs. 337/- P.Cft.		Rs. 147697/-
6.	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal rust form bars (CSI No.7 (b) P/20).		
25.43 Cwt.	@ Rs. 4820/20 P.Cwt.		Rs. 122578/-
7.	Cement plaster (1:4) upto 20' height ½" thick (G.S.I. No.11 (b) Page No.53).		
355.04Sft	@ Rs. 3015/76 P%oSft		Rs. 10707/-
8.	Supplying of damppo / Pudlloorixed with cement plaster etc. (S.M.I No.46 P/4)		
2.66 kg	@ Rs. 290/- P/Kg		Rs. 2700/-
9.	Providing cement concrete plain topping (GSI No. 5 (a) P/18)		
7.06Cft	@ Rs. 14429/25 P%oCft.		Rs. 1019/-
10.	Extra for every 50' additional lead of part thereof (GSI No. 8 P-3) This rate is applicable upto ½ miles when the lead exceed ½ mile the rate shall be paid on carriage of material by mechanical means ½ miles.		
1244.22 Cft	@ Rs. 7812/72 P%oCft		Rs. 9721/-
		TOTAL	Rs: 3,33,328/-

PART E

COMPOUND WALL (INTAKE SIDE)

1. Excavation in foundation building bridges and other structure including leveling dressing refilling around the structure with excavated earth ramming lead upto5' in ordinary soil (G.S. Item No. 18 P/No. 4.)
Qty 788.00 Cft.. @ Rs. 3554/38 P%oCft. Rs. 2,801/-
2. Cement concrete brick or stone ballast 1 ½ to 2" gauge Ratio (1:4:8) (G.S. Item No. 4 (b) P. No. 14).
Qty 197.0 Cft. @ Rs. 9416/25 P%oCft. Rs. 18,550/-

3. Erection and removal of centering RCC or plain cement concrete work of Deodar wood 2nd class (vertical) (G.S. Item No. 18/b (ii) P.No. 17).
- Qty 1128.0Sft @ Rs. 7000/- P%Sft. Rs. 78,960/-
4. Cement concrete plain i/c placing compacting finishing and curing complete i/c screening & washing of stone aggregate w/o shuttering (G.S. Item No. 5 (a) P.15)
- Qty 846.0 Cft. @ Rs. 12595/- P%Cft. Rs. 1,06,554/-
5. Providing laying (1:3:6) cement concrete solid block masonry wall above 6" thickness set in (1:6) cement mortar in ground floor super structure i/c sacking out joints & curing etc. complete (G.S. Item No. 23 P. No. 18).
- Qty 444.37 Cft. @ Rs. 14261/44 P%Cft. Rs. 64,973/-
6. Reinforcement cement concrete 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 rates also includes all kinds of forms module, lifting, shuttering, and finishing the exposed surface (including screening & washing of stone aggregate (a). R.C.C. work in roof slabs, beams, columns, rafts, lintels, and other structural member laid in situ or precast laid in position complete in all respect (G.S. Item No. 6 P. No. 16).
- Qty 69.0 Cft. @ Rs. 337/- P.Cft. Rs. 23,253/-
7. Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending laying in position making joints and fastening including cost of binding wire also i/c removal of dust from bars (G.S. Item No. 7 ii (a) P.16).
- Qty 2.77 Cwt. @ Rs. 5001/70 P.Cwt. Rs. 13,855/-
8. Making and fixing steel grated door complete with 1/16" thick sheeting including angle iron frame 2 x 2 x 3/8" and 3/4" sq. yards 4" c/c with locking arrangement. (G.S.I. No. 24 Page No. 91).
- Qty. 72.0 Sft. @ Rs. 726/72 P.Sft. Rs. 52,324/-
9. Cement plaster (1:4) upto 20' height 1/2" thick (G.S. Item No. 11 (b) Page No. 51)
- Qty 1777.50 Sft. @ Rs. 2283/93 P%Sft. Rs. 40,597/-
10. White wash two coats (G.S. Item No. 26 (b) page No. 53).
- a) One coat.
- Qty 1777.50 Sft. @ Rs. 416/63 P%Sft. Rs. 7,406/-

b) Two coats				
Qty 3555.0 Sft	@ Rs. 425/84	P%Sft.	Rs.	15,139/-
11. Colour washing two coat (GSI No. 25 (b) P/60).				
Qty. 3555.0 Sft.	@ Rs. 859/95	P%Sft.	Rs.	30,571/-
12. Painting doors and windows any type (GSI No 5(c) P/69)				
Qty. 144.00 Sft.	@ Rs. 1489/68	P%Sft.	Rs.	2,145/-
			Total	Rs. 4,57,128/-

CONDITION

1. Any error and emission in the description quantity rate unit will be governed by the revenant schedule of rate estimate.
2. The rate quoted by the contractor will be inclusive of transportation charges upto site work.
3. No premium will be allowed Non schedule items.
4. No Separate carriage will be paid to contractor.
5. The premium should be inclusive of all the taxes i/c series i/c etc.
6. The contractor will not be allowed to withdraw their tender or ask to refund call deposit for the period from one month to three months.

(CONTRACTOR)


 Executive Engineer
 Public Health Engineering
 Division Karachi