

**OFFICE OF THE EXECUTIVE ENGINEER**  
**PUBLIC HEALTH ENGINEERING DIVISION TANDO ALLAHYAR.**

NO.TC/PHE/N.I.T/ 1438 TANDO ALLAHYAR DATED: 23-08-2017.

**NOTICE INVITING TENDER**

Sealed Tenders are invited on SPPRA Standard Bidding Documents from the eligible bidders registered with Pakistan Engineering Council (PEC) having experience of similar nature of work for the below mentioned work as per Sindh Public Procurement Regulatory Authority (SPPRA) Rules 2010.

S.No	Description	Estimate Cost	Earnest Money 2%	Tender Fee	Completion Period
1	Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.	15.00 Million	0.300 Million	3000/-	3 Months
2	Providing & installing Pumping Machinery & Diesel Engine Sets for Rural Water Supply Scheme Manzoor Ali Khan Pitafi District Tando Allahyar.	1.00 Million	0.02 Million	2000/-	1 Month
3	Providing & Installing Pumping Machinery (2 Sets) 10 BHP (At Old Water Works) with Turbine Pump at Tube Well (Part-I) for Urban Water Supply Scheme Nasarpur District Tando Allahyar	2.500 Million	0.050 Million	2000/-	3 Months
4	Providing & Installing Pumping Machinery (2 Sets) 10 BHP (At Clear Water Tank) with Turbine Pump (3 Nos) at Tube Well (Part-II) for Urban Water Supply Scheme Nasarpur District Tando Allahyar.	2.500 Million	0.050 Million	2000/-	3 Months

1. Bidding documents can be purchased by the interested bidders on submission of Written Application to the undersigned during office hours on any working day from appearance of NIT in the Newspapers / -Website upto **11-09-2017** on payment of Tender Fee cash (Non-Refundable) specified against each work.
2. Sealed Tenders will be received back on **11-09-2017** upto 1:00 P.M in the Office of undersigned along with specified bid security in shape of call deposit from any Scheduled Bank in favor of Executive Engineer Public Health Engineering Division Tando Allahar and will be opened on same day at 2:00 P.M in presence of Tender opening Evaluation Committee & Bidders or their authorized representatives who wish to be present, if the undersigned is out of Head Quarters or Tenders found un-responded the next date of issuance and opening will be **26-09-2017** and received backup 1:00 P.M and will be opened on the same Day 2:00 P.M
3. The Bidders who will provide following documents / information are eligible to participate as per SPPRA Rules 2010.

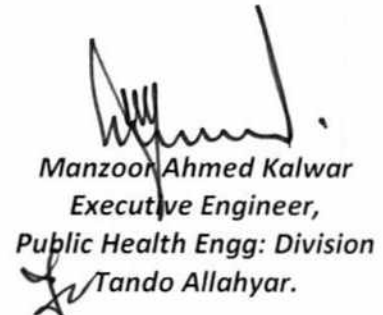
- i. Registration with Pakistan Engineering Council (PEC) in the relevant field of specialization of work to the extent of Tender limit against each work.
  - ii. Full name, Permanent Address, Telephone & fax No, e-mail & the organization with Structure.
  - iii. Bio-Data of Engineers & Technical Staff working with firm / Agency.
  - iv. Details of Works executed of same nature during the last years i/c Certificate of Satisfactory Completion of Works by relevant Procuring Agency.
  - v. List of works in progress including cost, award of works of same nature.
  - vi. List of Machinery and equipment available with documentary evidence of its ownership, Certificate of bank showing finance stability / credit worthiness / Bank Statement.
  - vii. No Tender without Bid Security Will be considered.
  - viii. Registration with Income Tax department (NTN Certificate) latest and copy of CNIC.
  - ix. Affidavit in which the bidder undertakes that, it is not involved in any litigation.
  - x. Affidavit in which it should be undertaken that the information provided is true and correct.
  - xi. Affidavit that the bidders has not been Black Listed by any Government / Semi-Govt: / autonomous body.
  - xii. Registration Certificate of Sindh Revenue Board.
4. If Firm / Partner involved in partnership deed, then complete details / instructions and power of attorney will be submitted on Affidavit by the Proprietor.
  5. Conditional & Telegraphic Tenders will not be entertained.
  6. The Procuring Agency may reject all or any bid subject to the relevant provision of SPP Rules 2010 (Amended 2013).
  7. The Work Orders shall be issued to the lowest evaluated bidder after receipt of funds from Government.



**Manzoor Ahmed Kalwar**  
**Executive Engineer,**  
**Public Health Engg: Division**  
**Tando Allahyar.**

**Copy F.W.C's for the information to:**


1. Director information Department Govt: of Sindh Karachi for the publication of NIT in three leading daily newspaper Urdu, Sindhi, English.
2. Director (CB) Sindh Public Procurement Regulatory Authority Barrack No. 8, Sindh Secretariat No.4-A Court Road Karachi for publication of N.I.T in the web site as SPPRA, the soft copy is already emailed  
 To [www.pprasinhd.gov.pk](http://www.pprasinhd.gov.pk) for email address [Exn.PHED.tay@gmail.com](mailto:Exn.PHED.tay@gmail.com)
3. The Chief Engineer Public Health Engineering Department Govt: of Sindh Hyderabad.
4. The Superintending Engineer, Public Health Engineering Circle Mirpurkhas.
5. The Executive Engineer (all) under Public Health Engineering Circle Mirpurkhas.
6. Notice Board.



**Manzoor Ahmed Kalwar**  
**Executive Engineer,**  
**Public Health Engg: Division**  
**Tando Allahyar.**

**ANNUAL PROCUREMENT PLAN FINANCIAL YEAR 2017-18**  
**EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION TANDO ALLAHYAR**

S.#	Description of Procurement	Quantity (where applicable)	Estimated Unit cost (where applicable million)	Funds allocated in million	Source of funds (ADPs /)	Proposed Procurement Method	Timing of Procurements				Remarks
							1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
1	2	3	4	5	6	7	8	9	10	11	12
1	Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.	C.C Block Work	15.00 Million	60.00 Million	Provincial ADP	Single stage one Envolep Procurement	YES	-	-	-	-
2	Providing & installing Pumping Machinery & Diesel Engine Sets for Rural Water Supply Scheme Manzoor Ali Khan Pitafi District Tando Allahyar.	Water Supply	12.750 Million	6.375 Million	Provincial ADP	Single stage one Envolep Procurement	YES	-	-	-	-
3	Providing & Installing Pumping Machinery (2 Sets) 10 BHP (Old Water Works) with Turbine Pump at Tube Well (Part-I) for Urban Water Supply Scheme Nasarpur District Tando Allahyar.	Water Supply	2.000 Million	2.500 Million	Provincial ADP	Single stage one Envolep Procurement	YES	-	-	-	-
4	Providing & Installing Pumping Machinery (2 Sets) 10 BHP (Clear Water Tank) with Turbine Pump (3 Nos) at Tube Well (Part-II) for Urban Water Supply Scheme Nasarpur District Tando Allahyar.	Water Supply	2.000 Million	2.500 Million	Provincial ADP	Single stage one Envolep Procurement	YES	-	-	-	-

  
**MANZOOR AHMED KALWAR**  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG: DIVISION  
 TANDO ALLAHYAR



GOVERNMENT OF SINDH  
PUBLIC HEALTH ENGINEERING AND  
RURAL DEVELOPMENT DEPARTMENT

Karachi dated the 27<sup>th</sup> 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

O/o the Chief Engineer  
PHED Hyd  
In Ward No. 344  
Dated. 09/02/2017  
Signature *[Signature]*

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

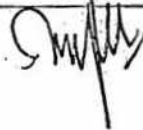


08.	Mirpurkhas	<p>Executive Engineer, Public Health Engineering Division, Mirpurkhas</p> <p>Assistant Engineer, Building Division Works &amp; Services Department, Mirpurkhas</p> <p>Section Officer(Admn.) PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
09.	Tando Allahyar	<p>Executive Engineer, Public Health Engineering Division, Tando-Allahyar</p> <p>Executive Engineer, Highway Division, Tando Allahyar</p> <p>Section Officer(Admn.)PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
10.	Sanghar	<p>Executive Engineer, , Public Health Engineering Division, Sanghar</p> <p>Assistant Engineer, Education Works Sub-Division, Sinjhor</p> <p>Section Officer(Admn.) PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
11.	Tharparkar @ Mithi	<p>Executive Engineer, Public Health Engineering Division, Tharparkar @ Mithi</p> <p>Executive Engineer, Education Works Division, Tharparkar @ Mithi</p> <p>Section Officer(Admn.) PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>

12.	Umerkot	<p>Executive Engineer, Public Health Engineering Division, Umerkot</p> <p>Executive Engineer, Education Works Division, Umerkot</p> <p>Section Officer(Admn.) PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
13.	Sukkur	<p>Executive Engineer, Public Health Engineering Division, Sukkur</p> <p>Executive Engineer, Highway Division, Sukkur</p> <p>Section Officer(Tech.) PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
14.	Ghotki @ Mirpur-Mathelo	<p>Executive Engineer, Public Health Engineering Division, Ghotki @ Mirpur-Mathelo</p> <p>Executive Engineer, Education Works District Ghotki</p> <p>Section Officer (Tech.), PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
15.	Khairpur-I	<p>Executive Engineer, Public Health Engineering Division No. I Khairpur</p> <p>Assistant Engineer, Education Works, Sub-Division, Khairpur</p> <p>Section Officer (Tech.),PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>



20.	Larkana-II	<p>Executive Engineer, Public Health Engineering Division, Larkana-II</p> <p>Executive Engineer, Building Provincial Division, Larkana</p> <p>Section Officer (Tech.) PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
21.	Dadu	<p>Executive Engineer, Public Health Engineering Division, Dadu</p> <p>Executive Engineer, Highway Division, Dadu</p> <p>Section Officer (Tech.) PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
22.	Jacobabad	<p>Executive Engineer, Public Health Engineering Division, Jacobabad</p> <p>Executive Engineer, Highway Division, Jacobabad</p> <p>Section Officer (Tech.) PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
23.	Kamber Shahdadkot @ Kamber	<p>Executive Engineer, Public Health Engineering Division Kamber Shahdadkot @ Kamber</p> <p>Executive Engineer, Education Works Division, Kamber Shahdadkot @ Kamber</p> <p>Section Officer (Tech.) PHE, Public Health Engineering &amp; Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>





24.	Shikarpur	<p>Executive Engineer Public Health Engineering Division, Shikarpur</p> <p>Executive Engineer, Machinery &amp; Maintenance Division, Khairpur @ Shikarpur</p> <p>Section Officer (Tech.) PHE, Public Health Engineering &amp; 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 &amp; 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 &amp; 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 &amp; 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 16-05-2013 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 27<sup>th</sup> 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.

  
(MOHAMMAD BUX JARWAR)  
SECTION OFFICER (TECH.)

Section Officer (Technical)  
Local Government, RDD, PHE & HT?  
Department  
Government of Sindh

PUBLIC HEALTH ENGINEERING DEPARTMENT  
GOVERNMENT OF SINDH

PUBLIC HEALTH ENGINEERING DIVISION TANDO ALLAHYAR



Issued bid to M/s. \_\_\_\_\_

Dr. No: \_\_\_\_\_ / Dated: \_\_\_\_\_

Tender Fee Rs:- \_\_\_\_\_

PROVIDING & INSTALLING PUMPING MACHINERY & DIESEL ENGINE SETS FOR RURAL  
WATER SUPPLY SCHEME MANZOOR ALI KHAN PITAFI DISTRICT TANDO ALLAHYAR.

STANDARD BIDDING DOCUMENTS  
PROCUREMENT OF WORKS  
( For Contractor Costing upto Rs. 2.50 (M)

STANDARD BIDDING DOCUMENTS IS INTENDED AS A MODEL  
FOR ADMEASUREMENTS (PERCENTAGE RATE UNIT RATES IN A  
BILL OF QUANTITIES TYPES OF CONTRCAT THE MAIN TEXT  
REFERS TO ADMEASUREMENT CONTRCATS.


## Evaluation Criteria of the Tender upto 2.5 Million

1. Contractor having NIT and copy must be available with Tender in Case of Supply item the GST registration must be available with Tender.
2. The Pay Order of Bid Security as mentioned in NIT and must be available with Tender.
3. 1 Year Experience Certificate of Similar nature of job must be available with the Tender.
4. Turnover Statement Last 3 Years.
5. Similar nature of Bidding Documents from upto 2.5 Million of SPPRA with filling Bidding Date & Contractor Date must be available with BOQ otherwise the Tender cannot be accepted.
6. Rate must be quoted in figure & words by contractor.
7. Bid Shall be property signed by contractor with stamped address within allowable limit.
8. If the estimate are based on Sch: 2012 and premium can be allowed within allowable limit.
9. If the estimate are preparing on M.R and 10% Profit in included in R.A.A & excess quoted cost cannot be conceder.
10. Conditional bid cannot be accepted.
11. Bid Must be Submitted in sealed cover.

## BIDDING DATA

This Section Should be filled in by the Office of the Executive Engineer Public Health Engineering Division Tando Allahyar before issuance of bidding documents.

(a)	Name of Procuring Agency	The Executive Engineer Public Health Engineering Division Tando Allahyar.
(b)	Brief Description of Work	Providing & installing Pumping Machinery & Diesel Engine Sets for Rural Water Supply Scheme Manzoor Ali Khan Pitafi District Tando Allahyar.
(c)	Procuring Agency Address	The Executive Engineer Public Health Engineer Division Tando Allahyar
(d)	Estimated Cost	Rs 1.00 Million
(e)	Amount of Bid Security	Rs. 0.02 Million
(f)	Period of Bid Validity (Days)	(01 Moths)
(g)	Security Deposit (i/c Bid Security)	(10 %)
(h)	Percentage, if any, to be deducted for bills.	(7.50%) Income Tax Deduction & 08% Security Deposit).
(i)	Deadline for Submission of Bids along with time.	
(j)	Venue, Time and Date of Bid Opening	Executive Engineer PHE Division Tando Allahyar, 2.00 P.M,
(k)	Time for completion from written order of commence	01 Month
(l)	Liquidity Damages	(01% on estimated Cost) Per day subject to Minimum of 10%
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD No: _____ Dated: _____ Amount _____ Rs: _____ Bank: _____ _____ Mr./M/S. _____

  
**Executive Engineer,  
Public Health Engg: Division  
Tando Allahyar.**

## SCHEDULE "B"

**NAME OF WORK:-** PROVIDING, INSTALLING & TESTING PUMPING MACHINERY (2 SETS) FOR RURAL WATER SUPPLY SCHEME MANZOOR ALI KHAN PITAFI DISTRICT TANDO ALLAHYAR.

1. Providing and installing in position i/c transportation at site of site work for rural water supply scheme **Manzoor Ali Khan Pitafi** electric pumping set consist of electric motor 20 BHP 3-phase 50 cycle 400/420 volts of 2900 RPM (Siemens) frame size 160 M coupled with centrifugal pump KSB type ETA Norm (50-160) Size 2.50" X 2" mounted on common steel frame or base plate capable discharge of 340 GPM against the head of 100 ft. i/c installing of pumping set on c.c foundation ratio(1:2:4) with M.S nuts & bolts of 1/2" dia to be embedded in c.c foundation i/c providing & fixing on prepared board Automatic MCU (Mecco Made) consist of A.C 50 cycles 3 phase 12/25 ampere trip rating push button type star delta starter complete with voltages & over load relay i/c fixing metaled board to accommodate main or sub main control switch recessed in the wall size 3"x2 1/2" & providing internal electric wiring for main with 3-7/0.85(7/0.36) PVC insulated wire 660 volts grade in 25 mm(1") PVC conduit on surface as required i/c providing & fixing earthing set with 0.6mx0.6mx6.3m(2'x2'x1/4") copper plate buried in the ground at a depth of 3.7 M(12 ft) or less as per Pak PWD specification and testing of the pumping set against the required head & discharge per 72 hours etc complete.

1.00 Set	@Rs.	P/Set	Rs.	/-
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2. Providing and installing in position i/c transportation at site of work for rural water supply scheme **Mazoor Ali Khan Pitafi** diesel engine pumping set of 27 BHP (Golden Make) modle GJD-1125 equivalent with tool box & all accessories 2200 RPM coupled with centrifugal pump ETA Norm (KSB) type (50-160) size 2.50" x 2" mounted on common steel frame or base plate capable discharge of 340 GPM against the head of 100 ft. i/c installing of pumping set on c.c foundation ratio(1:2:4) with M.S nuts & bolts of 5/8" dia to be embedded in c.c foundation and testing of the pumping set against the required head & discharge per 72 hours etc complete.(R.A.Aproved).

1.00 Set	@Rs.	P/Set	Rs.	/-
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3. Manufacturing & installing M.S pipe made out of M.S sheet of 3/16" thick cutting and folding to required curvature and shape i/c welding etc complete.(R.A.A based on schedule).

**For Suction**

3" dia

16.00 Rft	@Rs. 3.00	P/Rft	Rs.	/-
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4. Manufacturing and installing M.S flange made out of M.S sheet 3/8" thick cutting drilling holes etc complete.(R.A.A based on schedule).

**3" dia**

4.00 Nos	@Rs.	Each	Rs.	/-
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5. Providing, laying & fixing in trenches i/c cutting, jointing & testing etc complete in all respect the high density polythylene PE pipes (HDPE-100) for W/S confirming ISO 4427/din8074/8075 B.S 3580 & PSI 3051.(PHES.I.NO.F-1-P/25).P.N-10

**For Delivery**

4" dia

22.00 Rft	@Rs.	P/Rft	Rs.	/-
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**For Suction 3" dia**

20.00 Rft	@Rs.	P/Rft	Rs.	/-
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6.C.I bend with flange ends with holes i/c tuning & facing of flange for all size.(PHSMI.NO:8-P/11).

0.675 Cwt	@Rs.	P/Cwt	Rs.	/-
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7. Butt fusion joint.(PHSOM.I.NO.H-P/21).

4" dia

6.00 Nos @Rs. Each Rs. /-

3" dia

2.00 Nos @Rs. Each Rs. /-

8. Flanged adoter.(Rate Aproved).

3" dia

4.00 Nos @Rs. Each Rs. /-

9.P.E Tee (Un-equal).(PHSOM.I.NO.F-P/22).P.N-10

4"x4"x3"

1.00 Nos @Rs. Each Rs. /-

10.P.E Elbow 90°.(PHSOM.I.NO.B-P/19).

4" dia

3.00 Nos @Rs. Each Rs. /-

11.Foot valve heavy pattern with cone type gate.(imported).(PHSMI.NO:4-P/11).

3" dia

2.00 Nos @Rs. Each Rs. /-

12.Sluice valve heavy pattern.(test pressure 21 kg/sq.cm or300lbs/sq.inch).(imported).(PHSMI.NO:2-P/9).

3" dia

2.00 Nos @Rs. Each Rs. /-

13.Reflex valve heavy pattern.(test pressure 21 kg/sq.cmor300lbs/sq.inch).(imported).(PHSMI.NO:6-P/10).

3" dia

2.00 Nos @Rs. Each Rs. /-

14.Jointing C.I / M.S flanged pipes & specials flanged inside trench i/c supplying rubber packing of the required thickness nuts & bolts with washers' etc & other tool required for jointing & testing the joint to the specified pressure etc complete.(PHESI.NO:1-P/35).

3" dia


10.00 Joints @Rs. P/Joint Rs. /-

Total Rs. /-

### TERMS AND CONDITIONS

- 1.The rates should be inclusive of all taxes i,e sale tax, octori, royalties etc if any.
- 2.No separate carriage will be allowed to the Firm/Contractor.
- 3.No premium will be allowed on non schedule items.
- 4.The testing of work will be arranged by the Firm/Contractor at his on cost. No separate payment will be made.
- 5.Sweet water will be used in construction work.
- 6.Any error or omission in the specification item will be governed by the relevant specification & schedule of rates.

CONTRACTOR/FIRM

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
TANDO ALLAHYAR

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

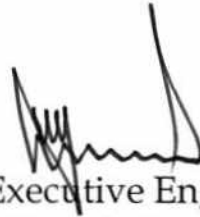
\_\_\_\_\_ % above / below on the rates of CSR, Amount to be added /  
deducted on the basis.

Total (b) of Premium quoted \_\_\_\_\_ (except non schedule item)

Total (A) = a + b in work & figure \_\_\_\_\_

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Contractor



Executive Engineer  
Public Health Engg: Division  
Tando Allahyar



PUBLIC HEALTH ENGINEERING DEPARTMENT  
GOVERNMENT OF SINDH

PUBLIC HEALTH ENGINEERING DIVISION TANDO ALLAHYAR



**BIDDING DOCUMENTS WITH FINANCIAL  
PROPOSAL**

**FOR**

**NAME OF WORK:-** CONSTRUCTION OF SURFACE DRAINS IN VARIOUS STREETS OF PEER JI COLONY, MEHRAN COLONY, KUNBHAR PARA, SOOMRA COLONY, SHAH JAHAN TOWN, WATAYO FAQEER COLONY, BALOCH COLONY, ABBAS BHAI TOWN, FRIENDS COLONY & AKBAR COLONY (WARD NO:13) FOR TANDO ALLAHYAR CITY TALUKA & DISTRICT TANDO ALLAHYAR.

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

Document issued to:- \_\_\_\_\_

## 1. Introduction:

Office of the Executive Engineer, PHE Division Tando Allahyar intends to carry out the work for **Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.**

### (i) Scope:

Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.

S #	Name of Schemes	Taluka
1.	Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.	Tando Allahyar

(ii). **Estimate Cost:** Rs. 15.00 (In Million)

(iii). **Completion Period:** 03 Months

- **Eligibility:** Valid Registration with Pakistan Engineering Council in Valid Category and field of specialization CE-09 & -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

Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.

### 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 Tando Allahyar Telephone 022-3891401 not later than the \_\_\_\_\_ up to 1:00 PM and tenders will be opened on \_\_\_\_\_ 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 clarification shall be in writing. If 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 2015 in the relevant category CE-09-10 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 | <b>10 Marks</b> |
|     | 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  | <b>05 Marks</b> |
|     | 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 Scheme<br>Completed over last 05 years costing about equivalent value<br>20 Marks for one project (basic requirement) |                 |
|     | (Attach satisfactory completion certificates)  |                 |
| ii. | Projects of similar nature and complexity in hand.   | <b>20 Marks</b> |
|     | (10 Marks for each project having cost Rs. _____ 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**

- (a). Critical equipment and number required for the project shall be specified by the applicant.
- (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 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)

- i. Less than 15% of Estimated Cost of this Work 01 Marks
- ii. Less than 25% of Estimated Cost of this Work 02 Marks
- iii. Less than 40% of Estimated Cost of this Work 04 Marks
- iv. 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-09 and CE10 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.

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

## G. BID EVALUATION PROCEDURE

### 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.

To,

**The Executive Engineer,**  
Public Health Engineering,  
Tando Allahyar.

WHEREAS the contract of **Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.** 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,  
Tando Allahyar.

Dear Sir,

**SUBJECT: Financial Proposal and Documents/information required for Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.**

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.	<b>NATIONALITY OF OWNERS</b>  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.

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

(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.**

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-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 Woth

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.	Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.	15.00	0.300	3 Months	3000/-
Specification drawings, items of works and quantities of items are provided in Financial Proposal Documents.					



## TENDER FOR THE WORK

Issue to M/s \_\_\_\_\_ Tender fee for Rs. \_\_\_\_\_ Received  
Vide. \_\_\_\_\_ D.R No. \_\_\_\_\_ Dated: \_\_\_\_\_  
\_\_\_\_\_ Dated of opening of Tender \_\_\_\_\_

EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
TANDO ALLAHYAR

I/We hereby tender the execution for the **Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.** 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: **Construction of Surface Drains in various Streets of Peer Ji Colony, Mehran Colony, Kunbhar Para, Soomra Colony, Shah Jahan Town, Watayo Faqeer Colony, Baloch Colony, Abbas Bhai Town, Friends Colony & Akbar Colony (Ward No:13) for Tando Allahyar City Taluka & District Tando Allahyar.**

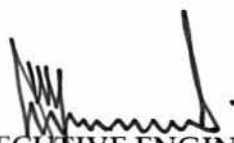
b). Estimated Cost: **Rs: 15.00 Millions**  
c). Earnest Money 2% Call Deposit: **Rs: 0.300 Million**  
g). Time of Completion **3 Months**

Should be this tender be accepted I/We hereby agree to abide be the fulfill 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 Tando Allahyar 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 Division # I Hyderabad on account of such Security Deposit specified in relevant Clause of the conditions/agreement.

N.B The Tender 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 # I Hyderabad 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  
TANDO ALLAHYAR

## SCHEDULE "B"

**NAME OF WORK:-** CONSTRUCTION OF SURFACE DRAINS IN VARIOUS STREETS OF PEER JI COLONY, MEHRAN CLONY, KUNBHAR PARA, SOOMRA COLONY, SHAH JHAN TOWN, WATAYO FAQEER COLONY, BALOACH COLONY, ABBAS BHAU TOWN, FRIENDS COLONY & AKBAR COLONY (WARD NO.13) FOR TANDO ALLAHYAR CITY TALUKA & DISTRICT TANDO ALLAHYAR.

1.Dismantling cement concrete plain (1:2:4).(GSI.NO.19 ( a ) -P/10).

6050.00 Cft	@ Rs: 3327.50	P% Cft	Rs: 201314 /-
-------------	---------------	--------	---------------

1.Dismantling cement concrete plain (1:4:8).(GSI.NO.19 ( a ) -P/10).

7986.00 Cft	@ Rs: 1663.75	P% Cft	Rs: 132867 /-
-------------	---------------	--------	---------------

1.Excavation in foundation of building bridges and other structure including dug –belling dressing refilling around structure with excavated earth watering and ramming lead up to 5'ft. (In ordinary soil).(GSI.NO:18(b)- P/4).

55297.00 Cft	@ Rs: 3176.25	P%o Cft	Rs: 175637 /-
--------------	---------------	---------	---------------

2.Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. (GSI.NO:5 (i) - P/16). Ratio (1:4:8).

11555.50 Cft	@ Rs: 11288.75	P% Cft	Rs: 1304472 /-
--------------	----------------	--------	----------------

3.Pacca brick work in foundation and plinth in cement sand mortar (1:6).(G.S.I.NO:4(e) - P/25).

42975.00 Cft	@ Rs: 11948.36	P% Cft	Rs: 5134808 /-
--------------	----------------	--------	----------------

4.Construction of open drain curette block of cement concrete (1:2:4) in situ to the design profile i/c cost of mould as per drawing i/c applying floating coat of cement 1/32" thick to the exposed surface finished smooth curing etc complete as per detailed drawing.(PHES.NO:D (i) - P/58).

Type "A"

19100.00 Rft	@ Rs: 94.00	P/Rft	Rs: 1795400 /-
--------------	-------------	-------	----------------

Type "B"

4650.00 Rft	@ Rs: 174.00	P/Rft	Rs: 809100 /-
-------------	--------------	-------	---------------

5.R.C.C work i/c all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle. RCC work in roof slabs beams columns rafts lintels and other structural member laid in situ or pre-cast lay in position complete in all respect Ratio 1:2:4. (GSI.NO:6 -P/17).

1522.18 Sft	@ Rs: 337.00	P/Cft	Rs: 512975 /-
-------------	--------------	-------	---------------

6.Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastenings i/c cost of binding wire also i/c removal of rust from bars.(G.S.I:NO:8 (b) - P/17).

54.36 Cwt	@ Rs: 5001.70	P/Cwt	Rs: 271892 /-
-----------	---------------	-------	---------------

7.Cement plaster (1:4) up to 12' height ½" thick. (GSI.NO:11(b)-P/58).

73344.00 Sft @ Rs: 2283.93

P% Sft

Total


Rs: 1675126 /-

Rs: 12013591 /-

**TERMS AND CONDITIONS**

- 1.The rates should be inclusive of all taxes i,e sale tax, octroi, royalties etc if any.
- 2.No separate carriage will be allowed to the Firm/Contractor.
- 3.No premium will be allowed on non schedule items.
- 4.The testing of work will be arranged by the Firm/Contractor at his on cost. No separate payment will be made.
- 5.Sweet water will be used in construction work.
- 6.Any error or omission in the specification item will be governed by the relevant specification & schedule of rates.

**CONTRACTOR/FIRM**

  
**EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
TANDO ALLAHYAR**

# SPPRA BIDDING DOCUMENT



**STANDARD BIDDING DOCUMENTS**  
**PROCUREMENT OF WORKS**  
**(For Contractor Costing up to Rs. 2.50 M)**

**NAME OF WORK:- PROVIDING, & INSTALLING PUMPING MACHINERY (2 SETS) 10 BHP (CLEAR WATER TANK) WITH TURBINE PUMP (3 NOS) AT TUBE WELL (PART-II) FOR URBAN WATER SUPPLY SCHEME NASARPUR DISTRICT TANDO ALLAHYAR.**

<b>NAME OF DEPARTMENT:</b>	<b>PUBLIC HEALTH ENGINEERING DEPARTMENT GOVT: OF SINDH</b>
<b>NAME OF PROCURING AGENCY:</b>	<b>EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION TANDO ALLAHYAR</b>
<b>DOCUMENT ISSUED TO:</b>	

## Evaluation Criteria of the Tender upto 2.5 Million

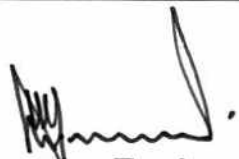
1. Contractor having NIT and copy must be available with Tender in Case of Supply item the GST registration must be available with Tender.
2. The Pay Order of Bid Security as mentioned in NIT and must be available with Tender.
3. 1 Year Experience Certificate of Similar nature of job must be available with the Tender.
4. Turn over statement Last 3 years.
5. Similar nature of Bidding Documents from upto 2.5 Million of SPPRA with filling Bidding Date & Contractor Date must be available with BOQ otherwise the Tender cannot be accepted.
6. Rate must be quoted in figure & words by contractor.
7. Bid shall be properly signed by contractor with stamped address within allowable limit.
8. If the estimate is based on Schedule 2012 and premium can be allowed within allowable limit.
9. If the estimate are preparing on M.R and 10% Profit in included in R.A.A & excess quoted cost cannot be concenter.
10. Conditional bid cannot be accepted.
11. Bid must be submitted in sealed cover.



## **BIDDING DATA**

This Section should be filled in by the Office of the Executive Engineer Public Health Engineering Division Tando Allahyar before issuance of bidding documents.

(a)	Name of Procuring Agency	Executive Engineer Public Health Engineering Division Tando Allahyar.
(b)	Brief Description of Work	Providing & Installing Pumping Machinery (2sets) 10 BHP With Turbines Pump (3 Nos) At Tube Well (Part-II) for Urban Water Supply Scheme Nasarpur District Tando Allahyar.
(c)	Procuring Agency Address	Office of the Executive Engineer Public Health Engineer Division Tando Allahyar
(d)	Estimated Cost	Rs. 2.500 Million
(e)	Amount of Bid Security	Rs. 0.050 Million
(f)	Period of Bid Validity (Days)	(90 Days)
(g)	Security Deposit (i/c Bid Security)	Rs. 0.300 Million
(h)	Percentage, if any, to be deducted for bills.	(7.50% Income Tax Deduction & 08% Security Deposit).
(i)	Deadline for Submission of Bids along with time.	<b>11-09-2017 @ 1.00 P.M</b>
(j)	Venue, Time and Date of Bid Opening	Office of the Executive Engineer PHE Division Tando Allahyar, <b>2.00 P.M, 11-09-2017,</b>
(k)	Time for completion from written order of commence	90 Days
(l)	Liquidity Damages	(01% on estimated Cost) Per day subject to Minimum of 10%
(m)	Deposit receipt No. Date & Amount (in words and figure)	CD No: _____ Dated: _____ Amount Rs: _____ _____ Bank: _____ _____ Mr./M/S. _____ _____

  
**Executive Engineer,  
Public Health Engg: Division  
Tando Allahyar.**

**OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH**  
**ENGINEERING DIVISION TANDO ALLAHYAR**

**TENDER FORM**

Issued to M/S \_\_\_\_\_  
Tender fee for Rs. \_\_\_\_\_ Vide D.R.NO. \_\_\_\_\_ Dated \_\_\_\_\_  
dated of opening of tender \_\_\_\_\_ Percentage rate tender and contract work  
issued for the Work:- **Providing & Installing Pumping Machinery (2sets) 10 Bhp  
With Turbines Pump (3 Nos) at Tube Well For Urban Water Supply  
Scheme Nasarpur District Tando Allahyar.**

I/We hereby tender for all execution for the Government of Sindh (herein before) & herein after referred to as Government of the work specified in the underwritten memorandum within the time specified in each memorandum @ Rs. \_\_\_\_\_ percent **above/below** the estimated schedule of rate as entered in **SCHEDULE "B"** memorandum showing items of work to be carried out in all respect with the specification designed & instructions writing referred to in rule thereof & clause 12 of the annexed conditions of the contract & agreement when materials for the work are provided by the Government such materials at the rate to be paid for shall be as provided in schedule "A" here to.

**MEMORANDUM**

1) General Description	As Above
2) Estimated Cost	RS. 2.500 M
3) Earnest Money @ (2%) of Bid	RS. 0.050 M
4) Percentage to be deducted from Bills @ 8 %	RS. 0.250 M
5) Total Security Deposit @10% i/c earnest money of bid	RS. 0.300 M
6) Time of Completion	(3) Months

  
**EXECUTIVE ENGINEER**  
**PUBLIC HEALTH ENGG: DIVISION**  
**TANDO ALLAHYAR**

**CONTRACTOR UNDERTAKING**

I/We have referred the above rates after taking into consideration all the terms & conditions as per printed B-1 tender forms so as to complete. In case of failure the Department will be as liberty to take action against as clause of agreement printed in B-1 tender which has been read B-1 by me and accepted by me.

Schedule "A" & Schedule "B" attached herewith call deposit No. \_\_\_\_\_

dated. \_\_\_\_\_ Of \_\_\_\_\_

DEALER/FIRM/CONTRACTOR

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

**NAME OF WORK:-** PROVIDING & INSTALLING PUMPING MACHINERY  
(2SETS) 10 BHP WITH TURBINES PUMP (3 NOS) AT TUBE WELL FOR  
URBAN WATER SUPPLY SCHEME NASARPUR DISTRICT TANDO  
ALLAHYAR.

**Note:-** (1) Contractors/Venders must fill in all the details required in the form.  
(2) Use capital letters.

**Company Name:** \_\_\_\_\_

**NTN NO.** \_\_\_\_\_

**Sale Tax (GST) Registration No.** \_\_\_\_\_

**Sindh Revenue (SRB) Registration No.** \_\_\_\_\_

**Date of Registration:** \_\_\_\_\_

**Maximum Limit:** \_\_\_\_\_

**Owner (s) Name (s):** \_\_\_\_\_

**Postal Address:** \_\_\_\_\_

**Telephone No.** \_\_\_\_\_

**Fax No.** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Authorized Signature/Stamp**  
**(Chief Executive or person authorized to sign on his behalf)**

## SCHEDULE "B"

NAME OF WORK:- PROVIDING & INSTALLING PUMPING MACHINERY (2SETS) 10 BHP WITH TURBINES PUMP (3 NOS) AT TUBE WELL FOR URBAN WATER SUPPLY SCHEME NASARPUR DISTRICT TANDO ALLAHYAR.

1. Providing and installing in position i/c transportation at site of work for urban water supply scheme **Nasarpur** Flow Pak deep well turbine pump type 7FMC/3 stages with column set size 4"x25mmx5' & top column set 4"x25mmx1' , discharge head type FDH-4 with pre-lubrication tank i/c lowering clamps size 4" (4 valves) with foundation bolts & nuts, mechanical installation only without civil & electrical work i/c solid shaft electrical motor 15 BHP Siemens/Equivalent 3-phase 50 hz 380/400 volts, insulation class F with non reverse ratchet i/c motor control unit make/design by Flow Pak type FP-MCU/DOL 15 consisting of MCCB, over/under voltage relay, phase reversal relay, volt meter, ampere meter, indicating light, on/off push buttons & all contained in a lockable steel cabinet for setting depth of 65 ft capable discharge of 250 GPM against the head of 110 ft i/c wiring for main with 3-7/0.85(7/0.36) PVC insulated wire 660 volts grade in 25 mm(1") PVC conduit on surface as required i/c providing & fixing earthing set with 0.6mx0.6mx6.3m(2'x2'x1/4") copper plate buried in the ground at a depth of 3.7 M(12 ft) or less as per Pak PWD specification and testing of the pumping set against the required head & discharge per 72 hours etc complete.(R.A Attached).

2. Sets	@Rs.	P/Set.	Rs.
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1. Manufacturing & installing M.S pipe made out of M.S sheet of 3/16" thick cutting and folding to required curvature and shape i/c welding etc complete.(R.A.A based on schedule).

4" dia

36.00 Rft	@Rs.	P/Rft	Rs.
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2. Manufacturing and installing M.S flange made out of M.S sheet 3/8" thick cutting drilling holes etc complete.(R.A.A based on schedule).

4" dia

8.00 Nos	@Rs.	Each	Rs.
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3. C.I bend with flange ends with holes i/c tuning & facing of flange for all size.(PHSMI.NO:8-P/11).

55.38 Kgs	@Rs.	P/Kg	Rs.
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4. Sluice valve heavy pattern.(test pressure 21 kg/sq.cm or 300 lbs/square inch).(Imported).(PHSOM.I.NO.2-P/9).

4" dia

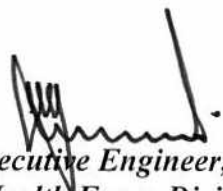
2.00 Nos	@Rs.	Each	Rs.
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6.	Reflex valve heavy pattern.(test pressure 21 kg/sq.cm or 300 lbs/sq.inch).(imported).(PHSMI.NO:6-P/10).			
	4"dia			
	2.0 Nos	@Rs.	Each	Rs.
7.	Short pieces.(PHSOM.I.NO.9-P/15).			
	8"dia			
	2.0 Nos	@Rs.	Each	Rs.
8.	Jointing C.I / M.S flanged pipes & specials flanged inside trench i/c supplying rubber packing of the required thickness nuts & bolts with washers' etc & other tool required for jointing & testing the joint to the specified pressure etc complete.(PHESI.NO:M-1-P/40).			
	8"dia			
	2.00 Nos	@Rs.	Each	Rs.
	4"dia			
	10.00 Nos	@Rs.	Each	Rs.
			Total	Rs. _____

**TERMS AND CONDITIONS**

1. The rates should be inclusive of all taxes i.e. sale tax, octroi, royalties etc if any.
2. No separate carriage will be allowed to the Firm/Contractor.
3. No premium will be allowed on non schedule items.
4. Sweet water will be used in construction work.
5. The testing of work will be arranged by the Firm/Contractor at his on cost. No separate payment will be made.
6. Any error or omission in the specification item will be governed by the relevant specification & schedule of rates.

*Contractor/ Firm*

  
**Executive Engineer,**  
**Public Health Engg: Division**  
**Tando Allahyar.**

## RATE ANALYSIS

Providing and installing in position i/c transportation at site of work for urban water supply scheme **Nasarpur** Flow Pak deep well turbine pump type 7FMC/3 stages with column set size 4"x25mmx5' & top column set 4"x25mmx1' , discharge head type FDH-4 with pre-lubrication tank i/c lowering clamps size 4" (4 valves) with foundation bolts & nuts, mechanical installation only without civil & electrical work i/c solid shaft electrical motor 15 BHP Siemens/Equivalent 3-phase 50 hz 380/400 volts, insulation class F with non reverse ratchet i/c motor control unit make/design by Flow Pak type FP-MCU/DOL 15 consisting of MCCB, over/under voltage relay, phase reversal relay, volt meter, ampere meter, indicating light, on/off push buttons & all contained in a lockable steel cabinet for setting depth of 65 ft capable discharge of 250 GPM against the head of 110 ft i/c wiring for main with 3-7/0.85(7/0.36) PVC insulated wire 660 volts grade in 25 mm(1") PVC conduit on surface as required i/c providing & fixing ear thing set with 0.6mx0.6mx6.3m(2'x2'x1/4") copper plate buried in the ground at a depth of 3.7 M(12 ft) or less as per Pak PWD specification and testing of the pumping set against the required head & discharge per 72 hours etc complete.

### UNIT PER SET

1. Providing and installing in position i/c transportation at site of work for urban water supply scheme **Nasarpur** Flow Pak deep well turbine pump type 7FMC/3 stages with column set size 4"x25mmx5' & top column set 4"x25mmx1' , discharge head type FDH-4 with pre-lubrication tank i/c lowering clamps size 4" (4 valves) with foundation bolts & nuts, mechanical installation only without civil & electrical work i/c solid shaft electrical motor 15 BHP Siemens/Equivalent 3-phase 50 hz 380/400 volts, insulation class F with non reverse ratchet i/c motor control unit make/design by Flow Pak type FP-MCU/DOL 15 consisting of MCCB, over/under voltage relay, phase reversal relay, volt meter, ampere meter, indicating light, on/off push buttons & all contained in a lockable steel cabinet for setting depth of 65 ft capable discharge of 250 GPM against the head of 110 ft and testing of the pumping set against the required head & discharge per 72 hours etc complete.(M.R).

1 set	@Rs.1035000/-	P/set	Rs.1035000/-
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2. Providing and fixing ear thing set with 0.6mx0.6mx6.3mm (2'x2'x1/4') copper plate buried in ground at depth of 3 meter (12ft) or less as if water comes out from the ground level with salt & charcoal i/c making the pit 12" depth by excavation of all type of soil .Earth plate to be connected with number5 S.W.G bar copper wire run in 1/2" G.I pipe straight from earth plate up to the metallic electrical accessories i,e providing necessary tee.(ESI.NO:2-P/26).

1 Set.	@Rs.2600/-	P/Set	Rs.2600/-
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3. Labor charges for lowering the pumping set inside pump house in correct alignment & fixing.

(i) Eletrician/Mechanical

	1 No	@Rs.450/-	P/day	Rs.450/-
(ii)	Helper 1 NO	@Rs.250/-	P/day	Rs.250/-

4. TESTING CHARGES 72 HOURS.

(i)	Pump Operator/Electrician.			
	4 days	@Rs.450/-	P/Day	Rs1800/-
(ii)	Helper.			
	4 days	@Rs.250/-	P/Day	Rs.1000/-
(iii)	Mobile Oil Grease Cotton West (L.S).			Rs. 200/-
			Total	Rs.1041300/-


5. Carriage of light machinery weighing up to 3 tons from Karachi.(lead 139 miles).

(i)	First 6 miles	= 463.17
(ii)	Subsequent 133 miles @Rs.19/54 P.M	= <u>2598.82</u>
	T	= 3061.99 / 2 = 1530.99

1 Set	@Rs.1530/99	P/set	Rs. 1531/-
		TOTAL	Rs.1042830/-

It is certified that the rates provided in this Rate analysis are reasonable Market rates.

ASSISTANT ENGINEER  
PUBLIC HEALTH ENGG:S-DIVISION  
TANDO ALLAHYAR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
TANDO ALLAHYAR

# SPRA BIDDING DOCUMENT



**STANDARD BIDDING DOCUMENTS**  
**PROCUREMENT OF WORKS**  
**(For Contractor Costing up to Rs. 2.50 M)**

**NAME OF WORK:- PROVIDING, & INSTALLING PUMPING MACHINERY (2 SETS) 10 BHP (OLD WATER WORKS) WITH TURBINE PUMP AT TUBE WELL (PART-I) FOR URBAN WATER SUPPLY SCHEME NASARPUR DISTRICT TANDO ALLAHYAR.**

<b>NAME OF DEPARTMENT:</b>	<b>PUBLIC HEALTH ENGINEERING DEPARTMENT GOVT: OF SINDH</b>
<b>NAME OF PROCURING AGENCY:</b>	<b>EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION TANDO ALLAHYAR</b>
<b>DOCUMENT ISSUED TO:</b>	



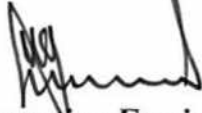
## **Evaluation Criteria of the Tender upto 2.5 Million**

1. Contractor having NIT and copy must be available with Tender in Case of Supply item the GST registration must be available with Tender.
2. The Pay Order of Bid Security as mentioned in NIT and must be available with Tender.
3. 1 Year Experience Certificate of Similar nature of job must be available with the Tender.
4. Turn over statement Last 3 years.
5. Similar nature of Bidding Documents from upto 2.5 Million of SPPRA with filling Bidding Date & Contractor Date must be available with BOQ otherwise the Tender cannot be accepted.
6. Rate must be quoted in figure & words by contractor.
7. Bid shall be properly signed by contractor with stamped address within allowable limit.
8. If the estimate is based on Schedule 2012 and premium can be allowed within allowable limit.
9. If the estimate are preparing on M.R and 10% Profit in included in R.A.A & excess quoted cost cannot be conceder.
10. Conditional bid cannot be accepted.
11. Bid must be submitted in sealed cover.

## **BIDDING DATA**

This Section should be filled in by the Office of the Executive Engineer Public Health Engineering Division Tando Allahyar before issuance of bidding documents.

(a)	Name of Procuring Agency	Executive Engineer Public Health Engineering Division Tando Allahyar.
(b)	Brief Description of Work	Providing & Installing Pumping Machinery (2sets) 10 BHP With Turbines Pump (3 Nos) At Tube Well (Part-II) for Urban Water Supply Scheme Nasarpur District Tando Allahyar.
(c)	Procuring Agency Address	Office of the Executive Engineer Public Health Engineer Division Tando Allahyar
(d)	Estimated Cost	Rs. 2.500 Million
(e)	Amount of Bid Security	Rs. 0.050 Million
(f)	Period of Bid Validity (Days)	(90 Days)
(g)	Security Deposit (i/c Bid Security)	Rs. 0.300 Million
(h)	Percentage, if any, to be deducted for bills.	(7.50% Income Tax Deduction & 08% Security Deposit).
(i)	Deadline for Submission of Bids along with time.	<b>11-09-2017 @ 1.00 P.M</b>
(j)	Venue, Time and Date of Bid Opening	Office of the Executive Engineer PHE Division Tando Allahyar, <b>2.00 P.M, 11-09-2017,</b>
(k)	Time for completion from written order of commence	90 Days
(l)	Liquidity Damages	(01% on estimated Cost) Per day subject to Minimum of 10%
(m)	Deposit receipt No. Date & Amount (in words and figure)	CD No: _____ Dated: _____ Amount Rs: _____ Bank: _____ Mr./M/S. _____

  
**Executive Engineer,  
Public Health Engg. Division  
Tando Allahyar.**

**OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH**  
**ENGINEERING DIVISION TANDO ALLAHYAR**

**TENDER FORM**

Issued to M/S \_\_\_\_\_  
Tender fee for Rs. \_\_\_\_\_ Vide D.R.NO. \_\_\_\_\_ Dated \_\_\_\_\_  
dated of opening of tender \_\_\_\_\_ Percentage rate tender and contract work  
issued for the Work:- **Providing & Installing Pumping Machinery (2sets) 10 Bhp  
With Turbines Pump (3 Nos) at Tube Well For Urban Water Supply  
Scheme Nasarpur District Tando Allahyar.**

I/We hereby tender for all execution for the Government of Sindh (herein before) & herein after referred to as Government of the work specified in the underwritten memorandum within the time specified in each memorandum @ Rs. \_\_\_\_\_ percent **above/below** the estimated schedule of rate as entered in **SCHEDULE "B"** memorandum showing items of work to be carried out in all respect with the specification designed & instructions writing referred to in rule thereof & clause 12 of the annexed conditions of the contract & agreement when materials for the work are provided by the Government such materials at the rate to be paid for shall be as provided in schedule "A" here to.

**MEMORANDUM**

1) General Description	As Above
2) Estimated Cost	RS. 2.500 M
3) Earnest Money @ (2%) of Bid	RS. 0.050 M
4) Percentage to be deducted from Bills @ 8 %	RS. 0.250 M
5) Total Security Deposit @10% i/e earnest money of bid	RS. 0.300 M
6) Time of Completion	(3) Months

  
**EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
TANDO ALLAHYAR**

**CONTRACTOR UNDERTAKING**

I/We have referred the above rates after taking into consideration all the terms & conditions as per printed B-1 tender forms so as to complete. In case of failure the Department will be as liberty to take action against as clause of agreement printed in B-1 tender which has been read B-1 by me and accepted by me.

Schedule "A" & Schedule "B" attached herewith call deposit No. \_\_\_\_\_

dated. \_\_\_\_\_ Of \_\_\_\_\_

DEALER/FIRM/CONTRACTOR

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

NAME OF WORK:- PROVIDING & INSTALLING PUMPING MACHINERY  
(2SETS) 10 BHP WITH TURBINES PUMP (3 NOS) AT TUBE WELL FOR  
URBAN WATER SUPPLY SCHEME NASARPUR DISTRICT TANDO  
ALLAHYAR.

Note:- (1) Contractors/Venders must fill in all the details required in the form.  
(2) Use capital letters.

Company Name: \_\_\_\_\_

NTS NO. \_\_\_\_\_

Sale Tax (GST) Registration No. \_\_\_\_\_

Sindh Revenue (SRB) Registration No. \_\_\_\_\_

Date of Registration: \_\_\_\_\_

Maximum Limit: \_\_\_\_\_

Owner (s) Name (s): \_\_\_\_\_

Postal Address: \_\_\_\_\_

Telephone No. \_\_\_\_\_

Fax No. \_\_\_\_\_

Email Address: \_\_\_\_\_

**Authorized Signature/Stamp**  
**(Chief Executive or person authorized to sign on his behalf)**

## SCHEDULE "B"

NAME OF WORK: PROVIDING & INSTALLING PUMPING MACHINERY (2 SETS) 10 BHP (OLD WATER WORKS) WITH TURBINES PUMP AT TUBE WELL (PART-I) FOR URBAN WATER SUPPLY SCHEME NASARPUR DISTRICT TANDO ALLAHYAR.

1. Providing and installing in position i/c transportation at site of work for urban water supply scheme Nasarpur Flow Pak deep well turbine pump type 7FMC/3 stages with column set size 4"x25mmx5' & top column set 4"x25mmx1' , discharge head type FDH-4 with pre-lubrication tank i/c lowering clamps size 4" (4 valves) with foundation bolts & nuts, mechanical installation only without civil & electrical work i/c solid shaft electrical motor 15 BHP Siemens/Equivalent 3-phase 50 hz 380/400 volts, insulation class F with non reverse ratchet i/c motor control unit make/design by Flow Pak type FP-MCU/DOL 15 consisting of MCCB, over/under voltage relay, phase reversal relay, volt meter, ampere meter, indicating light, on/off push buttons & all contained in a lockable steel cabinet for setting depth of 65 ft capable discharge of 250 GPM against the head of 110 ft i/c wiring for main with 3-7/0.85(7/0.36) PVC insulated wire 660 volts grade in 25 mm(1") PVC conduit on surface as required i/c providing & fixing ear thing set with 0.6mx0.6mx6.3m(2'x2'x1/4") copper plate buried in the ground at a depth of 3.7 M(12 ft) or less as per Pak PWD specification and testing of the pumping set against the required head & discharge per 72 hours etc complete.(R.A Attached).

2. Sets	@Rs.	P/Set.	Rs.
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1. Manufacturing & installing M.S pipe made out of M.S sheet of 3/16" thick cutting and folding to required curvature and shape i/c welding etc complete.(R.A.A based on schedule).

4" dia

36.00 Rft	@Rs.	P/Rft	Rs.
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2. Manufacturing and installing M.S flange made out of M.S sheet 3/8" thick cutting drilling holes etc complete.(R.A.A based on schedule).

4" dia

8.00 Nos	@Rs.	Each	Rs.
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3. C.I bend with flange ends with holes i/c tuning & facing of flange for all size.(PHSML.NO:8-P/11).

55.38 Kgs	@Rs.	P/Kg	Rs.
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4. Sluice valve heavy pattern.(test pressure 21 kg/sq.cm or 300 lbs/square inch).(Imported).(PHSOM.I.NO.2-P/9).

4" dia

	2.00 Nos	@Rs.	Each	Rs.
6.	Reflex valve heavy pattern.(test pressure 21 lbs/sq.inch).(imported).(PHSMI.NO:6-P/10).		kg/sq.cm or 300	
	4" dia 2.0 Nos	@Rs.	Each	Rs.
7.	Short pieces.(PHSOM.I.NO.9-P/15).			
	8" dia 2.0 Nos	@Rs.	Each	Rs.
8.	Jointing C.I/ M.S flanged pipes & specials flanged inside trench i/c supplying rubber packing of the required thickness nuts & bolts with washers' etc & other tool required for jointing & testing the joint to the specified pressure etc complete.(PHESI.NO:M-1-P/40).			
	8" dia 2.00 Nos	@Rs.	Each	Rs.
	4" dia 10.00 Nos	@Rs.	Each	Rs.
			Total	Rs. _____

### TERMS AND CONDITIONS

1. The rates should be inclusive of all taxes i.e. sale tax, octroi, royalties etc if any.
2. No separate carriage will be allowed to the Firm/Contractor.
3. No premium will be allowed on non schedule items.
4. Sweet water will be used in construction work.
5. The testing of work will be arranged by the Firm/Contractor at his on cost. No separate payment will be made.
6. Any error or omission in the specification item will be governed by the relevant specification & schedule of rates.

*Contractor/ Firm*

  
**Executive Engineer,**  
**Public Health Engg: Division**  
**Tando Allahyar.**

## RATE ANALYSIS

Providing and installing in position i/c transportation at site of work for urban water supply scheme Nasarpur Flow Pak deep well turbine pump type 7FMC/3 stages with column set size 4"x25mmx5' & top column set 4"x25mmx1' , discharge head type FDH-4 with pre-lubrication tank i/c lowering clamps size 4" (4 valves) with foundation bolts & nuts, mechanical installation only without civil & electrical work i/c solid shaft electrical motor 15 BHP Siemens/Equivalent 3-phase 50 hz 380/400 volts, insulation class F with non reverse ratchet i/c motor control unit make/design by Flow Pak type FP-MCU/DOL 15 consisting of MCCB, over/under voltage relay, phase reversal relay, volt meter, ampere meter, indicating light, on/off push buttons & all contained in a lockable steel cabinet for setting depth of 65 ft capable discharge of 250 GPM against the head of 110 ft i/c wiring for main with 3-7/0.85(7/0.36) PVC insulated wire 660 volts grade in 25 mm(1") PVC conduit on surface as required i/c providing & fixing ear thing set with 0.6mx0.6mx6.3m(2'x2'x1/4") copper plate buried in the ground at a depth of 3.7 M(12 ft) or less as per Pak PWD specification and testing of the pumping set against the required head & discharge per 72 hours etc complete.

## UNIT PER SET

1. Providing and installing in position i/c transportation at site of work for urban water supply scheme Nasarpur Flow Pak deep well turbine pump type 7FMC/3 stages with column set size 4"x25mmx5' & top column set 4"x25mmx1' , discharge head type FDH-4 with pre-lubrication tank i/c lowering clamps size 4" (4 valves) with foundation bolts & nuts, mechanical installation only without civil & electrical work i/c solid shaft electrical motor 15 BHP Siemens/Equivalent 3-phase 50 hz 380/400 volts, insulation class F with non reverse ratchet i/c motor control unit make/design by Flow Pak type FP-MCU/DOL 15 consisting of MCCB, over/under voltage relay, phase reversal relay, volt meter, ampere meter, indicating light, on/off push buttons & all contained in a lockable steel cabinet for setting depth of 65 ft capable discharge of 250 GPM against the head of 110 ft and testing of the pumping set against the required head & discharge per 72 hours etc complete.(M.R).

1 set	@Rs.1035000/-	P/set	Rs.1035000/-
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2. Providing and fixing ear thing set with 0.6mx0.6mx6.3mm (2'x2'x1/4') copper plate buried in ground at depth of 3 meter (12ft) or less as if water comes out from the ground level with salt & charcoal i/c making the pit 12" depth by excavation of all type of soil .Earth plate to be connected with number5 S.W.G bar copper wire run in 1/2" G.I pipe straight from earth plate up to the metallic electrical accessories i,e providing necessary tee.(ESI.NO:2-P/26).

1 Set.	@Rs.2600/-	P/Set	Rs.2600/-
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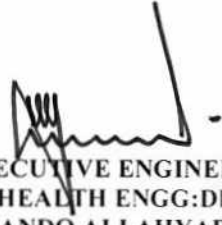
3. Labor charges for lowering the pumping set inside pump house in correct alignment & fixing.

(i) Electrician / Mechanical.

	1 No	@Rs.450/-	P/day	Rs.450/-
(ii)	Helper 1 NO	@Rs.250/-	P/day	Rs.250/-
4.	<u>TESTING CHARGES 72 HOURS.</u>			
(i)	Pump Operator/Electrician.			
	4 days	@Rs.450/-	P/Day	Rs1800/-
(ii)	Helper.			
	4 days	@Rs.250/-	P/Day	Rs.1000/-
(iii)	Mobile Oil Grease Cotton West (L.S).			Rs. 200/-
			Total	Rs.1041300/-
5.	Carriage of light machinery weighing up to 3 tons from Karachi.(lead 139 miles).			
(i)	First 6 miles	=	463.17	
(ii)	Subsequent 133 miles @Rs.19/54 P.M	=	2598.82	
		T	= 3061.99 / 2 = 1530.99	
	1 Set	@Rs.1530/99	P/set	Rs. 1531/-
			TOTAL	Rs.1042830/-

It is certified that the rates provided in this Rate analysis are reasonable Market rates.

ASSISTANT ENGINEER  
PUBLIC HEALTH ENGG:S-DIVISION  
TANDO ALLAHYAR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG:DIVISION  
TANDO ALLAHYAR