

OFFICE OF THE
EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION DADU.

No.GC/1806

/Dadu dated :- 13 - 10 - 20011

To,

The Executive District Officer,
(Works and Services)
Dadu.

Subject:-

N.I.T NO: EDO (W&S)/A-II/646/DATED:-28.03.2011.

Reference:-

Your Office Letter No. EDO(W&S)/PB/2107/dt:04.10.2011

RECEIVED DADU
18/10/11

Please refer your letter No. cited under reference. It is

submitted that the following documents are hereby attached as desired please .

- PB
10/10
- 01/- Copy of Bid Evaluation Report (Comparative Statement).
 - 02/- Contractor Evolution Form.
 - 03/- Copy of letter of award of Contract. (Work order)
 - 04/- Bill of Quantities/Schedule of required

D.A/AS Above


(SAYED ZAHID HUSSAIN SHAH)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG; DIISION
DADU

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. Public Health Engrg. Deptt.
- 2) PROVINCIAL / LOCAL GOVT./ OTHER Distt: Government Dadu
- 3) TITLE OF CONTRACT W/S Scheme in various villages Taluk Dadu
- 4) TENDER NUMBER (03) Nos. (APP-2010-11)
- 5) BRIEF DESCRIPTION OF CONTRACT --
- 6) FORUM THAT APPROVED THE SCHEME Distt: Govt:
- 7) TENDER ESTIMATED VALUE Rs: 11348895/-
- 8) ENGINEER'S ESTIMATE (For civil works only) Rs: 113,58,000/-
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 5 months
- 10) TENDER OPENED ON (DATE & TIME) 20-4-2011 (Time 1.00 PM)
- 11) NUMBER OF TENDER DOCUMENTS SOLD (Attach list of buyers) 03 Nos.
- 12) NUMBER OF BIDS RECEIVED 03 Nos.
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 3 Nos.
- 14) BID EVALUATION REPORT (Enclose a copy) Comparative statement (attached)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER Haji Wahid Butt Panlver near new Bus stop Dadu
- 16) CONTRACT AWARD PRICE Rs: 11348895/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1st, 2nd, 3rd EVALUATION BID).
i) @ 90.50% above (1st lowest)
ii) @ 92% above (2nd lowest)
iii) @ 94.90% above (3rd lowest)
- 18) METHOD OF PROCUREMENT USED :- (Tick one)
 - a) SINGLE STAGE - ONE ENVELOPE PROCEDURE Domestic/ Local
 - b) SINGLE STAGE - TWO ENVELOPE PROCEDURE
 - c) TWO STAGE BIDDING PROCEDURE
 - d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT E.D.O (WBS) Dada

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	<input checked="" type="checkbox"/>	3681 dt-1-4-2011
No	<input type="checkbox"/>	

ii) News Papers
(If yes, give names of newspapers and dates)

Yes	<input type="checkbox"/>	
No	<input type="checkbox"/>	

22) NATURE OF CONTRACT

Domestic Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF
CONTRACT?
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	
No	<input checked="" type="checkbox"/>

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS
(If yes, give details)

Yes	
No	<input checked="" type="checkbox"/>

33) WAS THE EXTENSION MADE IN RESPONSE TIME?
(If yes, give reasons)

Yes	
No	

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	<input checked="" type="checkbox"/>

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT
BLACK LISTED?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	<input checked="" type="checkbox"/>

39) Date of Award of Contract:

Signature & Official Stamp of
Authorized Officer


Executive Engineer
Public Health Engg. Division
DADU.

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
Tele: 021-9205355; 021-9205369 & Fax: 021-9206291

OFFICE OF THE
EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION DADU

To,

No:TC/ **715**
Dadu dt: **21-04-2011.**

Haji Wahid Bux Panhwar
Government Contractor,
DADU

Subject: **Water Supply Scheme in various villages Taluka Dadu (ADP 2010-11) Scheme Identified by Pir Muzhar-ul-Haq, Senior Minister Education and Literacy Government of Sindh**

The rates quoted by you for above work at @ 90.50 % (Ninty point five zero percent) above the schedule of rates and tender cost comes to Rs; 11348895 /= vide your B-I tender opened on 20/04/ 2011 as approved by the Executive District Officer, (W & S), Dadu vide letter No.EDO (W&S) Tender/ 2724, dated: 20 / 04 /2011.

Please start the work within the three days from the date of issue of this work order under the supervision/instruction of the Assistant Engineer Public Health Engineering S/Divn; Dadu. The work should be completed within (05) month in all respect, subject to the following conditions, which are applicable under the law.

- 1 No premium will be allowed on non-schedule items or market rates.
- 2 No cartage for any kind of material will be paid in any shape.
- 3 All material required for the works shall be provided at your own risk and cost.
- 4 Any mistake in schedule "B" either in description or rates shall be corrected according to the description given in the schedule of rates.
- 5 All concreting work should be done through mechanical mixer machine and no hand mixing will be allowed.
- 6 Bolahri sand should be used in all items involving use of cement.
- 7 The time is essence of the contract.

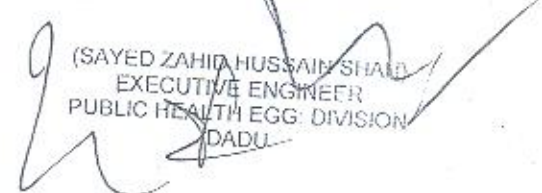
Your are further advised to please attend this office on any working days in connection with completion of tender document /B-I agreement.

Copy forwarded to :-

The Executive District Officer (W & S), Dadu for information.

The Assistant Engineer, PHE S/Divn; No-I Dadu. He is directed to intimate the date of start of work as usual.


(SAYED ZAHID HUSSAIN SHAH)
EXECUTIVE ENGINEER
PUBLIC HEALTH EGG. DIVISION
DADU


(SAYED ZAHID HUSSAIN SHAH)
EXECUTIVE ENGINEER
PUBLIC HEALTH EGG. DIVISION
DADU

OFFICE OF THE EXECUTIVE DISTRICT OFFICER (W&S) DADU

NO.EDO(W&S)Tender/ 2724 /Dadu Dated:- 20-04-2011.

To,

The Executive Engineer,
Public Health Engg: Division,
Dadu

**SUBJECT: APPROVAL TENDER FOR THE WORK OF
Water Supply scheme in various Villages Taluka Dadu (ADP 2010-11) scheme identified by Pir Mazhar ul Haq Senior Minister Education & Literacy Department**

Reference: Your Office Letter No. TC/710, dated: 20-04-2011.

The tender for the above mentioned work duly recommended by you has been examined and found lowest.

Hence the lowest rates quoted by **Haji Wahid Bux Panhwar** (A) **Rs. 90.50% Above** is hereby approved except non-schedule items (A) **Rs. 6606153/-** for execution of the work subject to the following conditions.

1. No premium should be allowed on any item out side the schedule of rates 2004 Building and on markets rate.
2. No carriage of any kind of material will be paid separately.
3. Only Bolhari sand approved quality from Bolhari quarry should be used in all items involving use of cement.
4. Every cutting and over writing should be signed by both parties i-e Executive Engineer Public Health and the contractor the agreement may be executed immediately after placing work order to the contractor an any learned and signed by both parties.
5. The work should be executed in accordance to sanctioned/approved / schedule "B" as per specification of the departments.
6. The work should only be allowed start after completion all codal formalities. No item of work out side approval schedule "B" of the contract be executed without obtained sanctioned from the authority competent under codal Rules.

No excess over the sanctioned of this tender is admissible. Any violation will be the personal responsibilities of the Executive Engineer Public Health In charge

EXECUTIVE DISTRICT OFFICER,
WORKS & SERVICES
DADU

COMPARATIVE STATEMENT

NAME OF WORK:- Water Supply Scheme in various villages Taluka Dadu (ADP 2010-11) Scheme Identified by PIR Muzhar-ul-Haq, Senior Minister Education and Literacy Government of Sindh

REFERENCE: N.I.T No. - N.I.T Called EDO (W&S) vide No. EDO(W&S)/A-II/646 dated 28/03/2011 Date of Issue upto 19/04/2011
 Date of Opening 20/04/2011

Estimated Sanctioned By- Executive District Officer (W&S) Dadu Vide No. _____

S.NO	DETAILS	RATES QUOTED BY THE CONTRACTOR		
		Haji Wahid Bux Panhwar 80.50% Sch. of rates	Mr. Bashier Ahmed Soomro/W/S Hafeez & Co 92% above Sch. of rates	96.90% above Sch. of rates

1	Schedule Items.	Rs. 2375411	Schedule Item.	Rs. 2375411
2	Non Schedule Items.	Rs. 6606153	Non Schedule Item.	Rs. 6606153
3	Carriage.	Rs. 312355	Premium above the	
4	Diff. Cost of Material	Rs. 217584	S/Rate 90.50%	Rs. 2,149,742
		9511503	Diff. Cost of Material	Rs. 217,584
5	Add: 20% above Sch. Item	Rs. 1847036	Tender Cost.	Rs. 11348895
		Rs. 11358539	Estimate Cost.	Rs. 11,358,000
	10% on special	Rs. 0	Difference.	Rs. 9,105
	Total.	Rs. 11,358,539	Estimate Cost (below).	0.08%
	Say	Rs. 11358000		

Rates Quoted by Haji Wahid Bux Panhwar Government Contractor @ 90.50% above the schedule of rates being @ 0.08% below the estimate cost is lowest in the competition. Hence case is hereby recommended for approval.

(Signature)
 (90% EDO AMBUD HOSSAIN SHAIKH)
 EXECUTIVE DISTRICT OFFICER
 PUBLIC HEALTH & EGGS DIVISION
 DADU

(Signature)
 Executive District Officer
 Works & Supplies DADU
 4/8.

(Signature)
 (HAKIM AUL SHAHID)
 DIVISIONAL ACCOUNTS OFFICER
 PUBLIC HEALTH & EGGS DIVISION
 DADU

OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION DADU

B - I TENDER

NAME OF WORK: Water Supply Scheme in various villages Taluka Dadu (ADP 2010-11) (Scheme Identified by Pir Mazhar-ul-Haq Senior Minister Education and Literacy Governmen Sindh)

NAME OF CONTRACTOR TO WHOME TENDER ISSUED: Haji Walid Bux Khoso

TENDER FEE RECIEVED VIDE DR No. _____ DATED: 18-04-2011

CALL DEPOSIT No: 2428884

DATED 18-4-2011 OF C.R.S.L. DADU

[Signature]
EXECUTIVE ENGINEER
PUBLIC HEALTH EGG. DIVISION
DADU

MEMORANDUM

1	Central description	As above
2	Estimated cost	<u>Rs. 12.000</u>
3	Ernest money	<u>Rs. 240000</u>
4	Percentage if any to be Deducted from Bill 8%	<u>Rs. 960000</u>
5	Security deposit at 10% (i/c earnest money)	<u>Rs. 1200000</u>
6	Time of completion	(05 Month)

9050/
We hereby tender for the execution of the above work for the Government of Sindh percentage above/ ~~below~~ the schedule rates as entered in schedule "B" at the tender rates specified in schedule "B" to the carry-out in accordance with specification declaring drawing and instructions of the Engineer In charge etc; and shall execute the agreement on order in case the tender is accepted.

9050/
CONTRACTOR

[Signature]
EXECUTIVE ENGINEER
PUBLIC HEALTH EGG. DIVISION
DADU
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amir m...
amir m...*

SCHEDULE 'B'

NAME OF WORK:- WATER SUPPLY SCHEME VILLAGE HAZUR KHAN CHANDIO
TALUKA DADU

HEAD OF A/C:- WATER SUPPLY SCHEME VILLAGE HAZUR KHAN CHANDIO,
BADANI & SAHIB KHAN LAHBAR TALUKA DADU

No:	Item.	Qty:	Rate.	Unit.	Amount.
<u>WATER SUPPLY SCHEME VILLAGE HAZUR KHAN CHANDIO TALUKA DADU</u>					
<u>TUBE WELL.</u>					
1	Boring of Tube Well in all water bearing soil from ground level up to 100 ft or 30.5 m depth i/c sinking and with drawing and casing pipes (P.H.L.S No 1 P/ 36) 12: dia	100.00 Rft	@Rs 463.35	P-Rft	Rs 46335
2	Providing strong substantially built wooden locked with compartment for preserving 2 lbs (1K.g) samples startes (P.H.S.I No 5 P/ 36)	1.00 Nos	@Rs 1650.40	Each	Rs 1650
3	Taking & Preserving inbox 2 lbs (1 K.g) sample of strata from boar holes etc (P.H.S.I No. 6 P/ 36)	4.00 Samples	@Rs 150.00	P/Sample	Rs 600
4	Taking samples of water from bore holes and place in two separate bottles (P.H.S.I.No 7 P/ 37)	4.00 Samples	@Rs 165.00	P/Sample	Rs 660
5	Supplying & Instaling PVC blind Pipe "B" class of approved designed quality and make i/c necessary socket etc complete (P.H.S.I-12, P-37) 8" dia	55.00 Rft	@Rs 432.75	P-Rft	Rs 23801
6	Supplying & Instaling PVC strainer Pipe "B" class of approved designed quality i/c necessary socket etc Complete (P.H.S.I-12, P-37) 8" dia	45.00 Rft	@Rs 515.25	P-Rft	Rs 23185
7	M.S bail plugged of approved quality 5' long (P.H.S. (M) I No. 38 P/ 26) 8" dia	1.00 No:	@Rs 1025.00	Each	Rs 1025
8	Shrouding with Graded bajri (3/8" to 1/8") or 9 to 3mm bitumen bore an plind pipe (P.H.S.I No 13 P/ 38) 8" dia	100.00 Rft	@Rs 63.50	P-Rft	Rs 6350
9	Supplying & Installing well head casing and security cap (R.A approved) 8" dia	1.00 No	@Rs 2700.00	P-Each	Rs 2700
10	Development charges of Tube well(Non Sch: Item)	24.00 Hours	@Rs 832.50	P-Hour	Rs 19980
11	Disinfect well. (Non Sch: Item) 8" dia	1.00 No	@Rs 500.00	P-Each	Rs 500
12	Construct concrete class "B" plinth around well head casing etc. (Non Sch: item) 8" dia	1.00 No	@Rs 924.00	P-Each	Rs 924
				Total	Rs: 127711
Cost for	1	Nos:			Rs: 127711

CONSTRUCTION OF PUMP HOUSE.

- 1 Excavation in foundation of building bridges and other structures.
i/c dag belling dressing refilling around the structures with excavated
Earth watering ramming lead up to one chain and lift up to 5' (G.S.I. No. 18 P/ 04)
195.50 Cft. @Rs: 1306.80 P%0Cft. Rs: 255
- 2 Cement concrete brick or stone ballast 1 1/2" to 2" gauge.
(Ratio 1:4:8) (G.S.I No. 4 P/ 17)
88.84 Cft. @Rs: 3584.10 P%Cft. Rs: 3184
- 3 Cement concrete plain i/c placing compacting finishing and
curing complete i/c screening and washing of stone aggregate
without shuttering (Ratio 1:3:6) (G.S.I.No 5 P/ 18)
246.75 Cft. @Rs: 5001.70 P%Cft. Rs: 12342
- 4 Erection and removal of centering for R.C.C or plain C.C Work
of deodar Wood 1st class(vertical). (G.S.I.No. 18 P/ 19)
329.00 Sft. @Rs: 1405.75 P%Sft. Rs: 4625
- 5 Filling Watering and ramming earth in floor with surplus earth excavated from
foundation lead upto 1 chain and lift upto 5' (G.S.I No 21 P- 18)
95.74 Cft. @Rs: 641.30 P%0Cft. Rs: 61
- 6 pacca brick work in ground floor cement, sand, mortar (1:6)
(G.S.I. No 5 P/ 22)
320.62 Cft. @Rs: 4246.30 P%Cft. Rs: 13614
- 7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for b/b which will be paid separately.
This rate also i/c all kinds of forms moulds lifting, shutting, curing,
rendering and finishing the exposed surface (i/c s/w of shingle) (a) R.C work in
roof slab beams columns rafts lintels and other structural members laid in
situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs
cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I No. 6 p/ 49).
83.80 Cft. @Rs: 114.00 P/Cft. Rs: 9553
- 8 Fabrication of mild steel reinforcement for C.C i/c cutting, bending,
laying in position making joints and fastening i/c cost of binding wire
(also i/c removal of rust from bars).(G.S.I No 7 p/ 20)
3.37 Cwt. @Rs: 2772.55 P/Cwt. Rs: 9343
- 9 Providing and laying 3" thick to toping Cement Concrete (1:2:4) I/c surface,
finishing and dividing in to panel (GSI No. 16 P/46)
120.00 Sft. @Rs: 1820.23 P%Sft. Rs: 2184
- 10 Cement, Plaster (1:6) up to 20' height 1/2" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 531.41 P%Sft. Rs: 1998
- 11 Cement, Plaster (1:4) up to 20' height 3/8" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 536.14 P%Sft. Rs: 2016
- 12 Cement, Pointing struck joint on walls (1:3) (G.S.I. No.11 P/57)
436.00 Sft. @Rs: 607.53 P%Sft. Rs: 2649

13	Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq; bars 4" Center to center with locking arrangement (G.S.I. No.11 P/97)	28.00 Sft.	@Rs: 385.76	P/Sft.	Rs: 10801
14	Supplying and fixing Z section window 3/4" x 3/4" x 3/4" and partly fixed i/c designed along with fitting particulars and approved with 3 coats of glass painting. Etc complete (R.A Approved)	36.00 Sft.	@Rs: 90.15	P/Sft.	Rs: 3245
15	Supplying and fixing in position iron steel grill of 3/4" x 1/4" size flat iron of approved design i/c painting 03 coats etc complete (weight not to be less than 3 Lbs/sq; foot of finished grill) (G.S.I. NO.26 P/97)	36.00 Sft.	@Rs: 115.47	P/Sft.	Rs: 4155
16	<u>PAINTING NEW SURFACE</u> Preparing surface and painting of door and window any type i/c Edges 3 coats (G.S.I. No.5 P/6)	56.00 Sft.	@Rs: 978.95	P/Sft.	Rs: 548
17	White washing of three coats (G.S.I. No.26 P/55) Qty: of item No.	174.00 Sft.	@Rs: 115.18	P/Sft.	Rs: 200
18	White washing of One coat (G.S.I. No.26 P/55)	812.00 Sft.	@Rs: 60.32	P/Sft.	Rs: 490
19	Color Washing (2 coats) (G.S.I.No:24, P/60).	812.00 Sft.	@Rs: 103.79	P/Sft.	Rs: 843
20	Providing and fixing C.I manhole cover with framme i/c cost of material etc:)P.H.S.I-1, P-23)	1.75 Cwt.	@Rs: 1954.70	P/Cwt.	Rs: 3421
21	Supplying R.S.J channel section 8"x4" Girders. (Sch: of Sant: I-141, P-6)	1.44 Cwt.	@Rs: 2200.00	P/Cwt.	Rs: 3168
				Total.	Rs: 88697
	Cost for	1	Nos:		Rs: 88697

PUMPING MACHINERY

1)	Providing Installing and testing in poition i/c tranportation HMA . stainless steel deep well turbine pump type BP 17-6 + 7.50 BHP siemens motor (3x400 V, 50 HZ, 2900 RPM) with suction discharge top set 3" dia x 01 No: pump head 3" outlet with mechanical seal, bowl assembly; suction pipe 1.6m 3" dia, column pipe assembly 3" dia x 6 Nos: capable given discharge 60 GPM against the head of 150 ft and pump setting depth 65 ft i/c C.C foundation, earthing Attached) set with 0.6mx0.6mx3.6mm (2"x2"x1/4") G.I plate burried in the ground at the depth of 3.7m or 12 ft as per PWD specification and providing f ixing motor control unit consisting metallic box, circuit breaker, amper meter, volt meter, magnatic contractor, on/off switch, electronic over current relay and indications lamps i/c providing internal electric wiring for main and testing the pumping set against 72 hours etc: complete (Approvede R.A)	1.00 Set	@Rs: 631570	P/Set.	Rs: 631570
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Providing Laying G.I Pipe and clamps etc: i/c fixing cutting and fitting complete i/c the cost of breaking through walls and making good etc: painting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft and handling (Approved rate) for delivery line 3" dia.

20.00 Rft. @Rs: 309.75 P/Rft. Rs: 6195

- 3 Manufacturing and supplying M.S flanged of different clamps made out of M.S sheet of various thickness i/c cutting drilling holes and welding clamps with M.S pipes etc complete (P.H.S.I-1, P-32).

7.64 Kg. @Rs: 111.3 P/Kg. Rs: 850

- 4 C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)

0.14 Cwt. @Rs: 2032 P/Cwt. Rs: 284

- 5 C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)

0.28 Cwt. @Rs: 2032 P/Cwt. Rs: 569

- 6 Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11) 3" dia.

1.00 Nos: @Rs: 600 Each. Rs: 600

- 7 Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specifies pressure etc complete (P.H.S I No 1 P/ 35) 3" dia.

8.00 Nos: @Rs: 193.55 P/Joint. Rs: 1547
Rs: 641616

Cost for 1 Nos: Rs: 641616

PVC PIPE LINE

- 1 Excavation for pipe line entrenches and pits in soft soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint hoes and disposal of surplus earth within a one chain as directed by engineer in charge providing fence guards light fags and temporary crossing for non vehicular traffic where ever required lift up 5 ft lead u (1.52 m) and lead up to one chain (30.5 m) (P.H.S.I- 3 P- 46)

88550 Cft @Rs 1742.40 P%0Cft Rs 154290

- 2 Providing PVC pipes of Class "B" (equivalent make) make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring i/c testing with water to head 61 meter or 200 ft (R.A approved attached)

3" dia 3150 Rft. @Rs 76.91 P-Rft Rs 242267

4" dia 9500 Rft. @Rs 115.87 P-Rft Rs 1100765

- 3 Special Cast iron fitting for P.V.C pipe (P.H.S.(M) I- 1 P- 29)
TEE WITH FLANGE

3" dia 3 Nos: @Rs 785.00 Each Rs 2355

4" dia 2 Nos: @Rs 985.00 Each Rs 1970

BEND WITH FLANGE

3" dia 4 Nos: @Rs 550.00 Each Rs 2200

4" dia 4 Nos: @Rs 950.00 Each Rs 3800

Fire Hydrant Tee					
4" dia	2 Nos:	@Rs 475.00	Each	Rs 950	
Gate Valve					
3" dia	1 Nos:	@Rs 850.00	Each	Rs 850	
4" dia	1 Nos:	@Rs: 1200.00	Each	Rs: 1200	
End Plugg.					
3" dia	3 Nos:	@Rs: 160.00	Each	Rs: 480	
4" dia	1 Nos:	@Rs: 275.00	Each	Rs: 275	
TAIL PIECE					
3" dia	22 Nos:	@Rs 300.00	Each	Rs 6600	
4" dia	16 Nos:	@Rs 375.00	Each	Rs 6000	
Gibulat Joint					
3" dia	22 Nos:	@Rs 275.00	Each	Rs 6050	
4" dia	16 Nos:	@Rs 300.00	Each	Rs 4800	
4 Supplying Air valve double acting 3"x1" (S.M.- I - 8 P- 11)					
	2 Nos:	@Rs 1700.00	Each	Rs 3400	
5 Providing installaing G.I Pipe. (R.approved in W/S/Sch: Qazi Arif)					
4" dia	40.00 Rft	@Rs 439.24	P-Rft	Rs 17570	
6 Manufacturing supplying M.S flanges (Approved rate). correct curvatures and shape I/c welding etc: complete (Approved rate).					
4"dia	8.00 Nos:	@Rs: 550.52	Each	Rs: 4404	
7 Jointing C.I /M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S- I-1 P-35)					
3"dia	22 Joints.	@Rs 193.55	P-Joint	Rs 4258	
4"dia	20 Joints.	@Rs 197.45	P-Joint	Rs 3949	
8 Providing chamber 21/2x21/2 (750x750 mm) inside dimension 41/2' (1372 mm) deep as per approved design for sluice valve 3" to 12" dia wit 18" (457 mm) dia inside cost iron cover and frame (wt= 1 cwt qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" 12.5 mm) thick 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 21/2 ft depth curing excavation back filling and disposal of surplus earth etc complete (P.H.S- I-1 P-40)					
	4 Nos:	@Rs 6769.20	Each	Rs 27077	
9 Refilling the excavated stuff in trenches 6" thick Layer i/c watering ramming to fu compaction etc complete (P.H.S- I-24 P-53)					
	79695 Cft	@Rs 1343.00	P%0Cft	Rs 107030	
10 Const: of inauguration ceremony marble stone size 3'x2-1/2' for development work (Approved rate)					
	1 Job	@Rs 6440.00	P/Job.	Rs 6440	
				Rs 1708979	
Cost for	1 Nos:			Rs: 1708979	

CONSTRUCTION OF L. S. R.

- 1 Excavation in foundation of building bridges and other structures
i/c dig billing dressing refilling around the structures with excavated
Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)
192.14 Cft. @Rs: 1306.80 P%0Cft. Rs: 251
- 2 Cement concrete plain i/c placing compacting finishing
and curing complete i/c screening and washing of stone
aggregate without shuttering (Ratio 1:2:4),(G.S.I-5 P/17)
85.87 Cft. @Rs: 5941.10 P%Cft. Rs: 5101
- 3 Cement concrete plain i/c placing compacting finishing
and curing complete i/c screening and washing of stone
aggregate without shuttering (Ratio 1:4:8),(G.S.I-5 P/17)
113.82 Cft. @Rs: 4319.70 P%Cft. Rs: 4917
- 4 Paacca brick work in foundation and plinth in cement
sand mortar(1:6)(G.S.I No. 4 P/ 24)
183.76 Cft. @Rs: 3865.15 P%Cft. Rs: 7102
- 5 Filling watering ramming earth under floor with surplus excavated
earth from out side lead upto one chain and lift upto 5ft (G.S.I-21, P-5).
45.70 Cft. @Rs: 641.30 P%0Cft. Rs: 29
- 6 Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/57)
345.63 Sft. @Rs: 572.77 P%Sft. Rs: 1980
- 7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for bending and binding which will
be paid separately. This rate also includes all kinds of forms moulds
lifting shuttering curing rendering and finishing the exposed surface
i/c screening and washing of shingle (a) R.C work in roof slab members
laid in situ or pprccast laid in position complete in a respect. (i)
Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge.
(G.S.I-6 P/17)
230.40 Cft. @Rs: 114.00 P/Cft. Rs: 26266
- 8 Fabrication of mild steel reinforcement for cement concrete i/c
cutting bending laying in position making joints and fastening i/c
cost of binding wire also includes removal of rust from bars.
(G.S.I-7 (ii) (a) P/19)
11.31 Cwt. @Rs: 2772.55 P/Cwt. Rs: 31358
- 9 Cement plaster (1:4) up to 20'height 3/4"thick (G.S.I-11/ P/57)
489.84 Sft. @Rs: 779.96 P%Sft. Rs: 3821
- 10 Supply of Dampo (sch: of Mat: I- 46, P-4).
9.77 Lbs. @Rs: 27.27 P/Lb. Rs: 266
- 11 Providing G.I standared approved quality test pressure 200 ft.
(Approved rate).
3" dia. 32.75 Rft. @Rs: 309.75 P/Rft. Rs: 10144
3/4" dia. 10.50 Rft. @Rs: 61.73 P/Rft. Rs: 648
- 12 Supplying and fixing bress bib cock light pattern (sch: of Sant: I-13, P-18).
3/4" dia. 7.00 Nos: @Rs: 80.95 Each. Rs: 567

- Manufacturing and installing M.S machined flanged made out of M.S sheet 3/8" thick i/c cutting fitting drilling holes and welding with pipes P.H.S.(M).I-1, P32).
3" dia. 26.74 Kg. @Rs: 111.30 P/Kg. Rs: 2976
- 14 Painting of G.I ipes with 2 coats zine paint for internal fitting . (Sant: Sch: I-3, P-12).
3" dia. 32.75 Rft. @Rs: 4.20 P/Rft. Rs: 138
- 15 C.I Bend with flanged ends with holes i/c turning facing flanged for all size (P.H.S.(M).I-8, P-11).
0.57 Cwt. @Rs: 2032.00 P/Cwt. Rs: 1158
- 16 Cost iron specials for A.C pressure pipes of class B ACIL (PHS(M)I-VII, P-15).
3" dia. 1.00 Nos: @Rs: 300.00 Each. Rs: 300
- 17 Jointing C.I/M.S flanged pipes and specials flanged and inside trenches i/c supplyng rubber packing of the required thickness nuts bolts with washers and tools required for jointing and testing the joints specified pressure etc: (P.H.S.I-1, P-35).
3" dia. 7.00 Joints @Rs: 193.55 P/Jopint Rs: 1357
- 18 P/F Main holes covers i/c frames i/c cost of material etc: complete (P.H.S.I-1, P/23).
1.00 Cwt. @Rs: 1954.70 P/Cwt. Rs: 1955
- 19 C.I Sluice valve heavy patter test pressure 21 Kg/sq: cm or 300 lbs/sq: inch. (P.H.S.(M).I-12, P-2).
3" dia. 1.00 Nos: @Rs: 850.00 Each. Rs: 850
- 20 P/F C.I Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc: complete. (P.H.S.I-4, P-48).
1.00 Nos: @Rs: 1884.45 Each. Rs: 1884
- Tiotal. Rs: 103066
- Cost for 2 Nos: Rs: 206132

ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
TUBE WELL.	103607	24104	127711
CONSTRUCTION OF PUMP HOUSE.	85452	3245	88697
PUMPING MACHINERY	3851	637765	641616
PVC PIPE LINE	337534	1371445	1708979
CONSTRUCTION OF L. S. R.	184547	21585	206132
Total	714991	2058145	2773136

Item.	Qty:	Rate.	Unit.	Amount.
WATER SUPPLY SCHEME VILLAGE BADANI TALUKA DADU				
TUBE WELL.				
Boring of Tube Well in all water bearing soil from ground level up to 100 ft or 30.5 m depth i/c sinking and with drawing and casing pipes (P.H.I.S No 1 P/ 36)				
12: dia	100.00 Rft	@Rs 463.35	P-Rft	Rs 46335
2 Providing strong substantially built wooden locked with compartment for preserving 2 lbs (1K.g) samples startes (P.H.S.I No 5 P/ 36)	1.00 Nos	@Rs 1650.40	Each	Rs 1650
3 Taking & Preserving inbox 2 lbs (1 K.g) sample of strata from boar holes etc (P.H.S.I No. 6 P/ 36)	4.00 Samples	@Rs 150.00	P/Sample	Rs 600
4 Taking samples of water from bore holes and place in two separate bottles (P.H.S.I.No 7 P/ 37)	4.00 Samples	@Rs 165.00	P/Sample	Rs 660
5 Supplying & Instaling PVC blind Pipe "B" class of approved designed quality and make i/c necessary socket etc complete (P.H.S.I-12, P-37)				
8" dia	55.00 Rft	@Rs 432.75	P-Rft	Rs 23801
6 Supplying & Instaling PVC strainer Pipe "B" class of approved designed quality i/c necessary socket etc Complete (P.H.S.I-12, P-37)				
8" dia	45.00 Rft	@Rs 515.25	P-Rft	Rs 23185
7 M.S bail plugged of approved quality 5' long (P.H.S. (M) I No. 38 P/ 26)				
8" dia	1.00 No:	@Rs 1025.00	Each	Rs 1025
8 Shrouding with Graded bajri (3/8" to 1/8") or 9 to 3mm bitumen bore an plind pipe (P.H.S.I No 13 P/ 38)				
8" dia	100.00 Rft	@Rs 63.50	P-Rft	Rs 6350
9 Supplying & Installing well head casing and security cap (R.A approved)				
8" dia	1.00 No	@Rs 2700.00	P-Each	Rs 2700
10 Development charges of Tube well(Non Sch: Item)	24.00 Hours	@Rs 832.50	P-Hour	Rs 19980
11 Disinfect well. (Non Sch: Item)				
8" dia	1.00 No	@Rs 500.00	P-Each	Rs 500
12 Construct concrete class "B" plinth around well head casing etc. (Non Sch: item)				
8" dia	1.00 No	@Rs 924.00	P-Each	Rs 924
			Total	Rs: 127711
Cost for	1 Nos:			Rs: 127711

CONSTRUCTION OF PUMP HOUSE.

- 1 Excavation in foundation of building bridges and other structures.
i/c dag belling dressing refilling around the structures with excavated
Earth watering ramming lead up to one chain and lift up to 5' (G.S.I. No. 18 P/ 04)
195.50 Cft. @Rs: 1306.80 P%0Cft. Rs: 255
- 2 Cement concrete brick or stone ballast 1 1/2" to 2" gauge.
(Ratio 1:4:8) (G.S.I.No. 4 P/ 17)
88.84 Cft. @Rs: 3584.10 P%Cft. Rs: 3184
- 3 Cement concrete plain i/c placing compacting finishing and
curing complete i/c screening and washing of stone aggregate
without shuttering (Ratio 1:3:6) (G.S.I.No 5 P/ 18)
246.75 Cft. @Rs: 5001.70 P%Cft. Rs: 12342
- 4 Erection and removal of centering for R.C.C or plain C.C Work
of deodar Wood 1st class(vertical). (G.S.I.No. 18 P/ 19)
329.00 Sft. @Rs: 1405.75 P%Sft. Rs: 4625
- 5 Filling Watering and ramming earth in floor with surplus earth excavated from
foundation lead upto 1 chain and lift upto 5' (G.S.I No 21 P- 18)
95.74 Cft. @Rs: 641.30 P%0Cft. Rs: 61
- 6 pacca brick work in ground floor cement, sand, mortar (1:6)
(G.S.I. No 5 P/ 22)
320.62 Cft. @Rs: 4246.30 P%Cft. Rs: 13614
- 7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for b/b which will be paid separately.
This rate also i/c all kinds of forms moulds lifting, shutting, curing,
rendering and finishing the exposed surface (i/c s/w of shingle) (a) R.C work in
roof slab beams columns rafts lintels and other structural members laid in
situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs
cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I No. 6 p/ 49).
83.80 Cft. @Rs: 114.00 P/Cft. Rs: 9553
- 8 Fabrication of mild steel reinforcement for C.C i/c cutting, bending,
laying in position making joints and fastening i/c cost of binding wire
(also i/c removal of rust from bars).(G.S.I No 7 p/ 20)
3.37 Cwt. @Rs: 2772.55 P/Cwt. Rs: 9343
- 9 Providing and laying 3" thick to topping Cement Concrete (1:2:4) I/c surface,
finishing and dividing in to panel (GSI No. 16 P/46)
120.00 Sft. @Rs: 1820.23 P%Sft. Rs: 2184
- 10 Cement, Plaster (1:6) up to 20' height 1/2" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 531.41 P%Sft. Rs: 1998
- 11 Cement, Plaster (1:4) up to 20' height 3/8" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 536.14 P%Sft. Rs: 2016
- 12 Cement, Pointing struck joint on walls (1:3) (G.S.I. No.11 P/57)
436.00 Sft. @Rs: 607.53 P%Sft. Rs: 2649

13	Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq: bars 4" Center to center with locking arrangement (G.S.I. No.11 P/97)	28.00 Sft.	@Rs: 385.76	P/Sft.	Rs: 10801
14	Supplying and fixing Z section window 3/4" x 3/4" x 3/4" and partly fixed i/c designed along with fitting particulars and approved with 3 coats of glass painting. Etc complete (R.A Approved)	36.00 Sft.	@Rs: 90.15	P/Sft.	Rs: 3245
15	Supplying and fixing in position iron steel grill of 3/4" x 1/4" size flat iron of approved design i/c painting 03 coats etc complete (weight not to be less than 3 Lbs/sq: foot of finished grill) (G.S.I. NO.26 P/97)	36.00 Sft.	@Rs: 115.47	P/Sft.	Rs: 4155
16	<u>PAINING NEW SURFACE</u> Preparing surface and painting of door and window any type i/c				
3	Edges 3 coats (G.S.I. No.5 P/6)	56.00 Sft.	@Rs: 978.95	P%Sft.	Rs: 548
17	White washing of three coats (G.S.I. No.26 P/55) Qty: of item No.	174.00 Sft.	@Rs: 115.18	P%Sft.	Rs: 200
18	White washing of One coat (G.S.I. No.26 P/55)	812.00 Sft.	@Rs: 60.32	P%Sft.	Rs: 490
19	Color Washing (2 coats) (G.S.I.No:24, P/60).	812.00 Sft.	@Rs: 103.79	P%Sft.	Rs: 843
20	Providing and fixing C.I manhole cover with framme i/c cost of material etc:)P.H.S.I-1, P-23)	1.75 Cwt.	@Rs: 1954.70	P/Cwt.	Rs: 3421
21	Supplying R.S.J channel section 8"x4" Girders. (Sch: of Sant: I-141, P-6)	1.44 Cwt.	@Rs: 2200.00	P/Cwt.	Rs: 3168
				Total.	Rs: 88697
	Cost for	1	Nos:		Rs: 88697

PUMPING MACHINERY

17	Providing Installing and testing in poition i/c tranportation HMA . stainless steel deep well turbine pump type BP 17-6 + 7.50 BHP siemens motor (3x400 V, 50 HZ, 2900 RPM) with suction discharge top set 3" dia x 01 No: pump head 3" outlet with mechanical seal, bowl assembly, suction pipe 1.6m 3" dia, column pipe assembly 3" dia x 6 Nos: capable given discharge 60 GPM against the head of 150 ft and pump setting depth 65 ft i/c C.C foundation, earthing Attached) set with 0.6mx0.6mx3.6mm (2"x2"x1/4") G.I plate buried in the ground at the depth of 3.7m or 12 ft as per PWD specification and providing f ixing motor control unit consisting metallic box, circuit breaker, amper meter, volt meter, magnatic contractor, on/off switch, electronic over current relay and indications lamps i/c providing internal electric wiring for main and testing the pumping set against 72 hours etc: complete (Approvede R.A)	1.00 Set	@Rs: 631570	P/Set.	Rs: 631570
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Providing Laying G.I Pipe and clamps etc: i/c fixing cutting and fitting complete i/c the cost of breaking through walls and making good etc: painting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft and handling (Approved rate) for delivery line 3" dia.

20.00 Rft. @Rs: 309.75 P/Rft. Rs: 6195

Manufacturing and supplying M.S flanged of different clamps made out of M.S sheet of various thickness i/c cutting drilling holes and welding clamps with M.S pipes etc complete (P.H.S.I-1, P-32).

7.64 Kg. @Rs: 111.3 P/Kg. Rs: 850

1 C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)

0.14 Cwt. @Rs: 2032 P/Cwt. Rs: 284

5 C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)

0.28 Cwt. @Rs: 2032 P/Cwt. Rs: 569

6 Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11) 3" dia.

1.00 Nos: @Rs: 600 Each. Rs: 600

7 Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specifics pressure etc complete (P.H.S I No 1 P/ 35) 3" dia.

8.00 Nos: @Rs: 193.55 P/Joint. Rs: 1547
Rs: 641616

Cost for 1 Nos: Rs: 641616

PVC PIPE LINE

1 Excavation for pipe line entrenches and pits in soft soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint hoes and disposal of surplus earth within a one chain as directed by engineer in charge providing fence guards light fags and temporary crossing for non vehicular traffic where ever required lift up 5 ft lead u (1.52 m) and lead up to one chain (30.5 m) (P.H.S.I- 3 P- 46)

126000 Cft @Rs 1742.40 P%0Cft Rs 219542

2 Providing PVC pipes of Class "B" (equivalent make) make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring I/c testing with water to head 61 meter or 200 ft(R.A approved attached)

3" dia 4000 Rft. @Rs 76.91 P-Rft Rs 307640
4" dia 14000 Rft. @Rs 115.87 P-Rft Rs 1622180

3 Special Cast iron fitting for P.V.C pipe (P.H.S.(M) I- 1 P- 29) TEE WITH FLANGE

3" dia 3 Nos: @Rs 785.00 Each Rs 2355
4" dia 4 Nos: @Rs 985.00 Each Rs 3940

BEND WITH FLANGE

3" dia 4 Nos: @Rs 550.00 Each Rs 2200
4" dia 8 Nos: @Rs 950.00 Each Rs 7600

Fire Hydrant Tee					
4" dia	6 Nos:	@Rs 475.00	Each	Rs 2850	
Gate Valve					
3" dia	1 Nos:	@Rs 850.00	Each	Rs 850	
4" dia	2 Nos:	@Rs: 1200.00	Each	Rs: 2400	
End Plugg.					
3" dia	3 Nos:	@Rs: 160.00	Each	Rs: 480	
4" dia	1 Nos:	@Rs: 275.00	Each	Rs: 275	
TAIL PIECE					
3" dia	22 Nos:	@Rs 300.00	Each	Rs 6600	
4" dia	30 Nos:	@Rs 375.00	Each	Rs 11250	
Gibulat Joint					
3" dia	22 Nos:	@Rs 275.00	Each	Rs 6050	
4" dia	30 Nos:	@Rs 300.00	Each	Rs 9000	
4 Supplying Air valve double acting 3"x1" (S.M.- I - 8 P- 11)					
	6 Nos:	@Rs 1700.00	Each	Rs 10200	
5 Providing installaing G.I Pipe. (R.approved in W/S/Sch: Qazi Arif)					
4" dia	40.00 Rft	@Rs 439.24	P-Rft	Rs 17570	
6 Manufacturing supplying M.S flanges (Approved rate). correct curvatures and shape I/c welding etc: complete (Approved rate).					
4"dia	8.00 Nos:	@Rs: 550.52	Each	Rs: 4404	
7 Jointing C.I /M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S- I-1 P-35)					
3"dia	22 Joints.	@Rs 193.55	P-Joint	Rs 4258	
4"dia	34 Joints.	@Rs 197.45	P-Joint	Rs 6713	
8 Providing chamber 21/2x21/2 (750x750 mm) inside dimension 41/2' (1372 mm) deep as per approved design for sluice valve 3" to 12" dia wit 18" (457 mm) dia inside cost iron cover and frame (wt= 1 cwt qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" (12.5 mm) thick 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 21/2 ft depth curing excavation back filling and disposal of surplus earth etc complete (P.H.S- I-1 P-40)					
	9 Nos:	@Rs 6769.20	Each	Rs 60923	
9 Refilling the excavated stuff in trenches 6" thick Layer i/c watering ramming to fu compaction etc complete (P.H.S- I-24 P-53)					
	113400 Cft	@Rs 1343.00	P%0Cft	Rs 152296	
10 Const: of inauguration cermony marble stone size 3'x2-1/2' for development work (Approved rate)					
	1 Job	@Rs. 6440.00	P/Job.	Rs 6440	
				Rs 2468017	
Cost for	1 Nos:			Rs: 2468017	

CONSTRUCTION OF L. S. R.

1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	192.14 Cft.	@Rs: 1306.80	P%0Cft.	Rs: 251
	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:2:4).(G.S.I-5 P/17)	85.87 Cft.	@Rs: 5941.10	P%0Cft.	Rs: 5101
3	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:4:8).(G.S.I-5 P/17)	113.82 Cft.	@Rs: 4319.70	P%0Cft.	Rs: 4917
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6)(G.S.I No. 4 P/ 24)	183.76 Cft.	@Rs: 3865.15	P%0Cft.	Rs: 7102
5	Filling watering ramming earth under floor with surplus excavated earth from out side lead upto one chain and lift upto 5ft (G.S.I-21, P-5).	45.70 Cft.	@Rs: 641.30	P%0Cft.	Rs: 29
6	Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/57)	345.63 Sft.	@Rs: 572.77	P%0Sft.	Rs: 1980
7	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I-6 P/17)	230.40 Cft.	@Rs: 114.00	P/Cft.	Rs: 26266
8	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I-7 (ii) (a) P/19)	11.31 Cwt.	@Rs: 2772.55	P/Cwt.	Rs: 31358
9	Cement plaster (1:4) up to 20'height 3/4"thick (G.S.I-11/ P/57)	489.84 Sft.	@Rs: 779.96	P%0Sft.	Rs: 3821
10	Supply of Dampo (sch: of Mat: I- 46, P-4).	9.77 Lbs.	@Rs: 27.27	P/Lb.	Rs: 266
11	Providing G.I standared approved quality test pressure 200 ft. (Approved rate).				
	3" dia.	32.75 Rft.	@Rs: 309.75	P/Rft.	Rs: 10144
	3/4" dia.	10.50 Rft.	@Rs: 61.73	P/Rft.	Rs: 648
12	Supplying and fixing bress bib cock light pattern (sch: of Sant: I-13, P-18).				
	3/4" dia.	7.00 Nos:	@Rs: 80.95	Each.	Rs: 567

Manufacturing and installing M.S machined flanged made out of M.S sheet 3/8" thick i/c cutting fitting drilling holes and welding with pipes P.H.S.(M).I-1, P32).

3" dia. 26.74 Kg. @Rs: 111.30 P/Kg. Rs: 2976

Painting of G.I ipes with 2 coats zine paint for internal fitting. (Sant: Sch: I-3, P-12).

3" dia. 32.75 Rft. @Rs: 4.20 P/Rft. Rs: 138

C.I Bend with flanged ends with holes i/c turning facing flanged for all size (P.H.S.(M).I-8, P-11).

0.57 Cwt. @Rs: 2032.00 P/Cwt. Rs: 1158

6 Cost iron specials for A.C pressure pipes of class B ACIL (PHS(M)I-VII, P-15).

3" dia. 1.00 Nos: @Rs: 300.00 Each. Rs: 300

17 Jointing C.I/M.S flanged pipes and specials flanged and inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers and tools required for jointing and testing the joints specified pressure etc: (P.H.S.I-1, P-35).

3" dia. 7.00 Joints @Rs: 193.55 P/Joint Rs: 1357

18 P/F Main holes covers i/c frames i/c cost of material etc: complete (P.H.S.I-1, P/23).

1.00 Cwt. @Rs: 1954.70 P/Cwt. Rs: 1955

19 C.I Sluice valve heavy patten test pressure 21 Kg/sq: cm or 300 lbs/sq: inch. (P.H.S.(M).I-12, P-2).

3" dia. 1.00 Nos: @Rs: 850.00 Each. Rs: 850

20 P/F C.I Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water tight joints i/c painting etc: complete. (P.H.S.I-4, P-48).

1.00 Nos: @Rs: 1884.45 Each. Rs: 1884
Ttotal. Rs: 103066

Cost for 3 Nos: Rs: 309199

ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
TUBE WELL.	103607	24104	127711
CONSTRUCTION OF PUMP HOUSE.	85452	3245	88697
PUMPING MACHINERY	3851	637765	641616
PVC PIPE LINE	509783	1958234	2468017
CONSTRUCTION OF L. S. R.	276821	32377	309199
Total	979514	2655726	3635240

Item.	Qty:	Rate.	Unit.	Amount.
WATER SUPPLY SCHEME VILLAGE SAHIB KHAN LAHBAR TALUKA DADU				
TUBE WELL.				
Boring of Tube Well in all water bearing soil from ground level up to 100 ft or 30.5 m depth i/c sinking and with drawing and casing pipes (P.H.I.S No 1 P/ 36)				
12: dia	100.00 Rft	@Rs 463.35	P-Rft	Rs 46335
2	Providing strong substantially built wooden locked with compartment for preserving 2 lbs (1K.g) samples startes (P.H.S.I No 5 P/ 36)			
	1.00 Nos	@Rs 1650.40	Each	Rs 1650
3	Taking & Preserving inbox 2 lbs (1 K.g) sample of strata from boar holes etc (P.H.S.I No. 6 P/ 36)			
	4.00 Samples	@Rs 150.00	P/Sample	Rs 600
4	Taking samples of water from bore holes and place in two separate bottles (P.H.S.I.No 7 P/ 37)			
	4.00 Samples	@Rs 165.00	P/Sample	Rs 660
5	Supplying & Instaling PVC blind Pipe "B" class of approved designed quality and make i/c necessary socket etc complete (P.H.S.I-12, P-37)			
8" dia	55.00 Rft	@Rs 432.75	P-Rft	Rs 23801
6	Supplying & Instaling PVC strainer Pipe "B" class of approved designed quality i/c necessary socket etc Complete (P.H.S.I-12, P-37)			
8" dia	45.00 Rft	@Rs 515.25	P-Rft	Rs 23185
7	M.S bail plugged of approved quality 5' long (P.H.S. (M) I No. 38 P/ 26)			
8" dia	1.00 No:	@Rs 1025.00	Each	Rs 1025
8	Shrouding with Graded bajri (3/8" to 1/8") or 9 to 3mm bitumen bore an plind pipe (P.H.S.I No 13 P/ 38)			
8" dia	100.00 Rft	@Rs 63.50	P-Rft	Rs 6350
9	Supplying & Installing well head casing and security cap (R.A approved)			
8" dia	1.00 No	@Rs 2700.00	P-Each	Rs 2700
10	Development charges of Tube well(Non Sch: Item)			
	24.00 Hours	@Rs 832.50	P-Hour	Rs 19980
11	Disinfect well. (Non Sch: Item)			
8" dia	1.00 No	@Rs 500.00	P-Each	Rs 500
12	Construct concrete class "B" plinth around well head casing etc. (Non Sch: item)			
8" dia	1.00 No	@Rs 924.00	P-Each	Rs 924
			Total	Rs: 127711
Cost for	1 Nos:			Rs: 127711

CONSTRUCTION OF PUMP HOUSE.

- 1 Excavation in foundation of building bridges and other structures.
I/c dag belling dressing refilling around the structures with excavated
Earth watering ramming lead up to one chain and lift up to 5' (G.S.I No. 18 P/ 04)
195.50 Cft. @Rs: 1306.80 P%0Cft. Rs: 255
- 2 Cement concrete brick or stone ballast 1 1/2" to 2" gauge.
(Ratio 1:4:8) (G.S.I No. 4 P/ 17)
88.84 Cft. @Rs: 3584.10 P%Cft. Rs: 3184
- 3 Cement concrete plain i/c placing compacting finishing and
curing complete i/c screening and washing of stone aggregate
without shuttering (Ratio 1:3:6) (G.S.I.No 5 P/ 18)
246.75 Cft. @Rs: 5001.70 P%Cft. Rs: 12342
- 4 Erection and removal of centering for R.C.C or plain C.C Work
of deodar Wood 1st class(vertical). (G.S.I.No. 18 P/ 19)
329.00 Sft. @Rs: 1405.75 P%Sft. Rs: 4625
- 5 Filling Watering and ramming earth in floor with surplus earth excavated from
foundation lead upto 1 chain and lift upto 5' (G.S.I No 21 P- 18)
95.74 Cft. @Rs: 641.30 P%0Cft. Rs: 61
- 6 pacca brick work in ground floor cement, sand, mortar (1:6)
(G.S.I. No 5 P/ 22)
320.62 Cft. @Rs: 4246.30 P%Cft. Rs: 13614
- 7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for b/b which will be paid separately.
This rate also i/c all kinds of forms moulds lifting, shutting, curing,
rendering and finishing the exposed surface (i/c s/w of shingle) (a) R.C work in
roof slab beams columns rafts lintels and other structural members laid in
situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs
cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I No. 6 p/ 49).
83.80 Cft. @Rs: 114.00 P/Cft. Rs: 9553
- 8 Fabrication of mild steel reinforcement for C.C i/c cutting, bending,
laying in position making joints and fastening i/c cost of binding wire
(also i/c removal of rust from bars).(G.S.I No 7 p/ 20)
3.37 Cwt. @Rs: 2772.55 P/Cwt. Rs: 9343
- 9 Providing and laying 3" thick to toping Cement Concrete (1:2:4) I/c surface,
finishing and dividing in to panel (GSI No. 16 P/46)
120.00 Sft. @Rs: 1820.23 P%Sft. Rs: 2184
- 10 Cement, Plaster (1:6) up to 20' height 1/2" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 531.41 P%Sft. Rs: 1998
- 11 Cement, Plaster (1:4) up to 20' height 3/8" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 536.14 P%Sft. Rs: 2016
- 12 Cement, Pointing struck joint on walls (1:3) (G.S.I. No.11 P/57)
436.00 Sft. @Rs: 607.53 P%Sft. Rs: 2649

13	Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq: bars 4" Center to center with locking arrangement (G.S.I. No.11 P/97)	28.00 Sft.	@Rs: 385.76	P/Sft.	Rs: 10801
14	Supplying and fixing Z section window 3/4" x 3/4" x 3/4" and partly fixed i/c designed along with fitting particulars and approved with 3 coats of glass painting. Etc complete (R.A Approved)	36.00 Sft.	@Rs: 90.15	P/Sft.	Rs: 3245
15	Supplying and fixing in position iron steel grill of 3/4" x 1/4" size flat iron of approved design i/c painting 03 coats etc complete (weight not to be less than 3 Lbs/sq: foot of finished grill) (G.S.I. NO.26 P/97)	36.00 Sft.	@Rs: 115.47	P/Sft.	Rs: 4155
16	<u>PAINTING NEW SURFACE</u> Preparing surface and painting of door and window any type i/c				
2	Edges 3 coats (G.S.I. No.5 P/6)	56.00 Sft.	@Rs: 978.95	P%Sft.	Rs: 548
17	White washing of three coats (G.S.I. No.26 P/55) Qty: of item No.	174.00 Sft.	@Rs: 115.18	P%Sft.	Rs: 200
18	White washing of One coat (G.S.I. No.26 P/55)	812.00 Sft.	@Rs: 60.32	P%Sft.	Rs: 490
19	Color Washing (2 coats) (G.S.I.No:24, P/60).	812.00 Sft.	@Rs: 103.79	P%Sft.	Rs: 843
20	Providing and fixing C.I manhole cover with framme i/c cost of material etc:)P.H.S.I-1, P-23)	1.75 Cwt.	@Rs: 1954.70	P/Cwt.	Rs: 3421
21	Supplying R.S.J channel section 8"x4" Girders. (Sch: of Sant: I-141, P-6)	1.44 Cwt.	@Rs: 2200.00	P/Cwt.	Rs: 3168
				Total.	Rs: 88697
	Cost for	1	Nos:		Rs: 88697

PUMPING MACHINERY

Providing Installing and testing in poition i/c tranportation HMA . stainless steel deep well turbine pump type BP 17-6 + 7.50 BHP siemens motor (3x400 V, 50 HZ, 2900 RPM) with suction discharge top set 3" dia x 01 No: pump head 3" outlet with mechanical seal, bowl assembly, suction pipe 1.6m 3" dia, column pipe assembly 3" dia x 6 Nos: capable given discharge 60 GPM against the head of 150 ft and pump setting depth 65 ft i/c C.C foundation, earthing Attached) set with 0.6mx0.6mx3.6mm (2"x2"x1/4") G.I plate burried in the ground at the depth of 3.7m or 12 ft as per PWD specification and providing f ixing motor control unit consisting metallic box, circuit breaker, amper meter, volt meter, magnatic contractor, on/off switch, electronic over current relay and indications lamps i/c providing internal electric wiring for main and testing the pumping set against 72 hours etc: complete (Approved R.A)

1.00 Set @Rs: 631570 P/Set. Rs: 631570

Providing Laying G.I Pipe and clamps etc: i/c fixing cutting and fitting complete i/c the cost of breaking through walls and making good etc: painting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft and handling (Approved rate) for delivery line 3" dia.

	20.00 Rft.	@Rs: 309.75	P/Rft.	Rs: 6195
3	Manufacturing and supplying M.S flanged of different clamps made out of M.S sheet of various thickness i/c cutting drilling holes and welding clamps with M.S pipes etc complete (P.H.S.I-1, P-32).			
	7.64 Kg.	@Rs: 111.3	P/Kg.	Rs: 850
4	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)			
	0.14 Cwt.	@Rs: 2032	P/Cwt.	Rs: 284
5	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)			
	0.28 Cwt.	@Rs: 2032	P/Cwt.	Rs: 569
6	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)			
	3" dia.	1.00 Nos:	@Rs: 600	Each. Rs: 600
7	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specifies pressure etc complete (P.H.S I No 1 P/ 35)			
	3" dia.	8.00 Nos:	@Rs: 193.55	P/Joint. Rs: 1547 Rs: 641616
	Cost for	1	Nos:	Rs: 641616

PVC PIPE LINE

1	Excavation for pipe line entrenches and pits in soft soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint hoes and disposal of surplus earth within a one chain as directed by engineer in charge providing fence guards light fags and temporary crossing for non vehicular traffic where ever required lift up 5 ft lead u (1.52 m) and lead up to one chain (30.5 m) (P.H.S.I- 3 P- 46)			
	77000 Cft	@Rs 1742.40	P%0Cft	Rs 134165
2	Providing PVC pipes of Class "B" (equivalent make) make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring I/c testing with water to head 61 meter or 200 ft(R.A approved attached)			
	3" dia	2500 Rft.	@Rs 76.91	P-Rft Rs 192275
	4" dia	8500 Rft.	@Rs 115.87	P-Rft Rs 984895
3	Special Cast iron fitting for P.V.C pipe (P.H.S.(M) I- 1 P- 29)			
	TEE WITH FLANGE			
	3" dia	3 Nos:	@Rs 785.00	Each Rs 2355
	4" dia	2 Nos:	@Rs 985.00	Each Rs 1970
	BEND WITH FLANGE			
	3" dia	4 Nos:	@Rs 550.00	Each Rs 2200
	4" dia	4 Nos:	@Rs 950.00	Each Rs 3800

Fire Hydrant Tee					
4" dia	2 Nos:	@Rs 475.00	Each	Rs 950	
Gate Valve					
3" dia	1 Nos:	@Rs 850.00	Each	Rs 850	
4" dia	1 Nos:	@Rs: 1200.00	Each	Rs: 1200	
End Plugg.					
3" dia	3 Nos:	@Rs: 160.00	Each	Rs: 480	
4" dia	1 Nos:	@Rs: 275.00	Each	Rs: 275	
TAIL PIECE					
3" dia	22 Nos:	@Rs 300.00	Each	Rs 6600	
4" dia	16 Nos:	@Rs 375.00	Each	Rs 6000	
Gibulat Joint					
3" dia	22 Nos:	@Rs 275.00	Each	Rs 6050	
4" dia	16 Nos:	@Rs 300.00	Each	Rs 4800	
4 Supplying Air valve double acting 3"x1" (S.M.- I - 8 P- 11)					
	2 Nos:	@Rs 1700.00	Each	Rs 3400	
5 Providing installaing G.I Pipe. (R.approved in W/S/Sch: Qazi Arif)					
4" dia	40.00 Rft	@Rs 439.24	P-Rft	Rs 17570	
6 Manufacturing supplying M.S flanges (Approved rate). correct curvatures and shape i/c welding etc: complete (Approved rate).					
4"dia	8.00 Nos:	@Rs: 550.52	Each	Rs: 4404	
7 Jointing C.I /M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S- I-1 P-35)					
3"dia	22 Joints.	@Rs 193.55	P-Joint	Rs 4258	
4"dia	20 Joints.	@Rs 197.45	P-Joint	Rs 3949	
8 Providing chamber 21/2x21/2 (750x750 mm) inside dimension 41/2' (1372 mm) deep as per approved design for sluice valve 3" to 12" dia wit 18" (457 mm) dia inside cost iron cover and frame (wt= 1 cwt qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" 12.5 mm) thick 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 21/2 ft depth curing excavation back f illing and disposal of surplus earth etc complete (P.H.S- I-1 P-40)					
	4 Nos:	@Rs 6769.20	Each	Rs 27077	
9 Refilling the excavated stuff in trenches 6" thick Layer i/c watering ramming to fu compaction etc complete (P.H.S- I-24 P-53)					
	69300 Cft	@Rs 1343.00	P%0Cft	Rs 93070	
10 Const: of inauguration cermony marble stone size 3'x2-1/2' for development work (Approved rate)					
	1 Job	@Rs 6440.00	P/Job.	Rs 6440	
				Rs 1509032	
Cost for	1	Nos:		Rs: 1509032	

CONSTRUCTION OF L. S. R.

1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	192.14 Cft.	@Rs: 1306.80	P%0Cft.	Rs: 251
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:2:4).(G.S.I-5 P/17)	85.87 Cft.	@Rs: 5941.10	P%Cft.	Rs: 5101
3	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:4:8).(G.S.I-5 P/17)	113.82 Cft.	@Rs: 4319.70	P%Cft.	Rs: 4917
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6)(G.S.I No. 4 P/ 24)	183.76 Cft.	@Rs: 3865.15	P%Cft.	Rs: 7102
5	Filling watering ramming earth under floor with surplus excavated earth from out side lead upto one chain and lift upto 5ft (G.S.I-21, P-5).	45.70 Cft.	@Rs: 641.30	P%0Cft.	Rs: 29
6	Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/57)	345.63 Sft.	@Rs: 572.77	P%Sft.	Rs: 1980
7	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I-6 P/17)	230.40 Cft.	@Rs: 114.00	P/Cft.	Rs: 26266
8	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I-7 (ii) (a) P/19)	11.31 Cwt.	@Rs: 2772.55	P/Cwt.	Rs: 31358
9	Cement plaster (1:4) up to 20'height 3/4"thick (G.S.I-11/ P/57)	489.84 Sft.	@Rs: 779.96	P%Sft.	Rs: 3821
10	Supply of Dampo (sch: of Mat: I- 46, P-4).	9.77 Lbs.	@Rs: 27.27	P/Lb.	Rs: 266
11	Providing G.I standared approved quality test pressure 200 ft. (Approved rate).				
	3" dia.	32.75 Rft.	@Rs: 309.75	P/Rft.	Rs: 10144
	3/4" dia.	10.50 Rft.	@Rs: 61.73	P/Rft.	Rs: 648
12	Supplying and fixing bress bib cock light pattern (sch: of Sant: I-13, P-18).				
	3/4" dia.	7.00 Nos:	@Rs: 80.95	Each.	Rs: 567

- Manufacturing and installing M.S machined flanged made out of M.S sheet 3/8" thick i/c cutting fitting drilling holes and welding with pipes P.H.S.(M).I-1, P32).
3" dia. 26.74 Kg. @Rs: 111.30 P/Kg. Rs: 2976
- 4 Painting of G.I ipes with 2 coats zine paint for internal fitting . (Sant: Sch: I-3, P-12).
3" dia. 32.75 Rft. @Rs: 4.20 P/Rft. Rs: 138
- 15 C.I Bend with flanged ends with holes i/c turning facing flanged for all size (P.H.S.(M).I-8, P-11).
0.57 Cwt. @Rs: 2032.00 P/Cwt. Rs: 1158
- 16 Cost iron specials for A.C pressure pipes of class B ACIL (PHS(M)I-VII, P-15).
3" dia. 1.00 Nos: @Rs: 300.00 Each. Rs: 300
- 17 Jointing C.I/M.S flanged pipes and specials flanged and inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers and tools required for jointing and testing the joints specified pressure etc: (P.H.S.I-1, P-35).
3" dia. 7.00 Joints @Rs: 193.55 P/Jopint Rs: 1357
- 18 P/F Main holes covers i/c frames i/c cost of material etc: complete (P.H.S.I-1, P/23).
1.00 Cwt. @Rs: 1954.70 P/Cwt. Rs: 1955
- 19 C.I Sluice valve heavy patter test pressure 21 Kg/sq: cm or 300 lbs/sq: inch. (P.H.S.(M).I-12, P-2).
3" dia. 1.00 Nos: @Rs: 850.00 Each. Rs: 850
- 20 P/F C.I Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc: complete. (P.H.S.I-4, P-48).
1.00 Nos: @Rs: 1884.45 Each. Rs: 1884
Tiotal. Rs: 103066
- Cost for 2 Nos: Rs: 206132

ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
TUBE WELL.	103607	24104	127711
CONSTRUCTION OF PUMP HOUSE.	85452	3245	88697
PUMPING MACHINARY	3851	637765	641616
PVC PIPE LINE	303449	1205584	1509032
CONSTRUCTION OF L . S . R.	184547	21585	206132
Total	680906	1892283	2573189


GENERAL ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
WATER SUPPLY SCHEME VILLAGE HAZUR	714991	2058145	2773136
WATER SUPPLY SCHEME VILLAGE BADANI	979514	2655726	3635240
WATER SUPPLY SCHEME VILLAGE SAHIB	680906	1892283	2573189
Total	2375411	6606153	8981565

CONDITIONS

- 1/- The contractor will have to remove the surplus excavated stuff from the side of work to out of town at his cost .
- 2/- The Contractor arrange the materail for construction of work from the approved quarry as shown in the estimate
- 3/- No premum should be allowed on approved/Market rate.
- 4/- Any Error or omission in the rats, description, Units shall be refferd to particular schedule of rates.
- 5/- No Cartage shall be paid seperately


CONTRACTOR.


Executive Engineer
Public Health Engg. Division
Dabu.

OF THE EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION DADU

B - I TENDER

OF WORK Water Supply Scheme in various villages Taluka Dadu (ADP 2010-11) (Scheme Identified by Pir Mazhar-ul-Haq Senior Minister Education and Literacy Governmen Sindh)

NAME OF CONTRACTOR TO WHOME TENDER ISSUED

Mrs. Jabeer Ali

TENDER FEE RECIEVED VIDE

DR No. _____ DATED :- 18.04.2011

CALL DEPOSIT No: 2429902

DATED 8-10-11 OF: 1182 Dadi


EXECUTIVE ENGINEER
PUBLIC HEALTH EGG DIVISION
DADU

MEMORANDUM

1	Central description	As above
2	Estimated cost	<u>Rs. 12.000</u>
3	Ernest money	<u>Rs. 240000</u>
4	Percentage if any to be Deducted from Bill 8%	<u>Rs. 960000</u>
5	Security deposit at 10% (i/c earnest money)	<u>Rs. 1200000</u>
6	Time of completion	(05 Month)

We hereby tender for the execution of the above work for the Government of Sindh at 194.90% percentage above/ below the schedule rates as entered in schedule "B" at the tender rates specified in schedule "B" to the carry-out in accordance with specification drawing and instructions of the Engineer In charge etc: and shall execute the agreement on proper in case the tender is accepted.

CONTRACTOR

EXECUTIVE ENGINEER
PUBLIC HEALTH EGG DIVISION
DADU

Handwritten notes:
3/29/11
Muzaffar
20/4/11
Jabeer Ali
Muzaffar
29/4/11

SCHEDULE 'B'

NAME OF WORK:- WATER SUPPLY SCHEME VILLAGE HAZUR KHAN CHANDIO
TALUKA DADU

HEAD OF A/C:- WATER SUPPLY SCHEME VILLAGE HAZUR KHAN CHANDIO,
BADANI & SAHIB KHAN LAHBAR TALUKA DADU

No.	Item.	Qty:	Rate.	Unit.	Amount.
<u>WATER SUPPLY SCHEME VILLAGE HAZUR KHAN CHANDIO TALUKA DADU</u>					
<u>TUBE WELL.</u>					
1	Boring of Tube Well in all water bearing soil from ground level up to 100 ft or 30.5 m depth i/c sinking and with drawing and casing pipes (P.H.I.S No 1 P/ 36) 12: dia	100.00 Rft	@Rs 463.35	P-Rft	Rs 46335
2	Providing strong substantially built wooden locked with compartment for preserving 2 lbs (1K.g) samples starts (P.H.S.I No 5 P/ 36)	1.00 Nos	@Rs 1650.40	Each	Rs 1650
3	Taking & Preserving inbox 2 lbs (1 K.g) sample of strata from boar holes etc (P.H.S.I No. 6 P/ 36)	4.00 Samples	@Rs 150.00	P/Sample	Rs 600
4	Taking samples of water from bore holes and place in two separate bottles (P.H.S.I.No 7 P/ 37)	4.00 Samples	@Rs 165.00	P/Sample	Rs 660
5	Supplying & Instalng PVC blind Pipe "B" class of approved designed quality and make i/c necessary socket etc complete (P.H.S.I-12, P-37) 8" dia	55.00 Rft	@Rs 432.75	P-Rft	Rs 23801
6	Supplying & Instalng PVC strainer Pipe "B" class of approved designed quality i/c necessary socket etc Complete (P.H.S.I-12, P-37) 8" dia	45.00 Rft	@Rs 515.25	P-Rft	Rs 23185
7	M.S bail plugged of approved quality 5' long (P.H.S. (M) I No. 38 P/ 26) 8" dia	1.00 No:	@Rs 1025.00	Each	Rs 1025
8	Shrouding with Graded bajri (3/8" to 1/8") or 9 to 3mm bitumen bore an plind pipe (P.H.S.I No 13 P/ 38) 8" dia	100.00 Rft	@Rs 63.50	P-Rft	Rs 6350
9	Supplying & Installing well head casing and security cap (R.A approved) 8" dia	1.00 No	@Rs 2700.00	P-Each	Rs 2700
10	Development charges of Tube well(Non Sch: Item)	24.00 Hours	@Rs 832.50	P-Hour	Rs 19980
11	Disinfect well. (Non Sch: Item) 8" dia	1.00 No	@Rs 500.00	P-Each	Rs 500
12	Construct concrete class "B" plinth around well head casing etc. (Non Sch: item) 8" dia	1.00 No	@Rs 924.00	P-Each	Rs 924
				Total	Rs: 127711
	Cost for	1 Nos:			Rs: 127711

CONSTRUCTION OF PUMP HOUSE.

- Excavation in foundation of building bridges and other structures.
i/c dag belling dressing refilling around the structures with excavated
earth watering ramming lead up to one chain and lift up to 5' (G.S.I. No. 18 P/ 04)
- | | | | |
|-------------|--------------|---------|---------|
| 195.50 Cft. | @Rs: 1306.80 | P%0Cft. | Rs: 255 |
|-------------|--------------|---------|---------|
- 2 Cement concrete brick or stone ballast 1 ½" to 2" gauge.
(Ratio 1:4:8) (G.S.I No. 4 P/ 17)
- | | | | |
|------------|--------------|--------|----------|
| 88.84 Cft. | @Rs: 3584.10 | P%Cft. | Rs: 3184 |
|------------|--------------|--------|----------|
- 3 Cement concrete plain i/c placing compacting finishing and
curing complete i/c screening and washing of stone aggregate
without shuttering (Ratio 1:3:6) (G.S.I.No 5 P/ 18)
- | | | | |
|-------------|--------------|--------|-----------|
| 246.75 Cft. | @Rs: 5001.70 | P%Cft. | Rs: 12342 |
|-------------|--------------|--------|-----------|
- 4 Erection and removal of centering for R.C.C or plain C.C Work
of deodar Wood 1st class(vertical). (G.S.I.No. 18 P/ 19)
- | | | | |
|-------------|--------------|--------|----------|
| 329.00 Sft. | @Rs: 1405.75 | P%Sft. | Rs: 4625 |
|-------------|--------------|--------|----------|
- 5 Filling Watering and ramming earth in floor with surplus earth excavated from
foundation lead upto 1 chain and lift upto 5' (G.S.I No 21 P- 18)
- | | | | |
|------------|-------------|---------|--------|
| 95.74 Cft. | @Rs: 641.30 | P%0Cft. | Rs: 61 |
|------------|-------------|---------|--------|
- 6 pacca brick work in ground floor cement, sand, mortar (1:6)
(G.S.I. No 5 P/ 22)
- | | | | |
|-------------|--------------|--------|-----------|
| 320.62 Cft. | @Rs: 4246.30 | P%Cft. | Rs: 13614 |
|-------------|--------------|--------|-----------|
- 7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for b/b which will be paid separately.
This rate also i/c all kinds of forms moulds lifting, shutting, curing,
rendering and finishing the exposed surface (i/c s/w of shingle) (a) R.C work in
roof slab beams columns rafts lintels and other structural members laid in
situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs
cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I No. 6 p/ 49).
- | | | | |
|------------|-------------|--------|----------|
| 83.80 Cft. | @Rs: 114.00 | P/Cft. | Rs: 9553 |
|------------|-------------|--------|----------|
- 8 Fabrication of mild steel reinforcement for C.C i/c cutting, bending,
laying in position making joints and fastening i/c cost of binding wire
(also i/c removal of rust from bars).(G.S.I No 7 p/ 20)
- | | | | |
|-----------|--------------|--------|----------|
| 3.37 Cwt. | @Rs: 2772.55 | P/Cwt. | Rs: 9343 |
|-----------|--------------|--------|----------|
- 9 Providing and laying 3" thick to topping Cement Concrete (1:2:4) i/c surface,
finishing and dividing in to panel (GSI No. 16 P/46)
- | | | | |
|-------------|--------------|--------|----------|
| 120.00 Sft. | @Rs: 1820.23 | P%Sft. | Rs: 2184 |
|-------------|--------------|--------|----------|
- 10 Cement, Plaster (1:6) up to 20' height ½" thick (G.S.I. No.11 P/58)
- | | | | |
|-------------|-------------|--------|----------|
| 376.00 Sft. | @Rs: 531.41 | P%Sft. | Rs: 1998 |
|-------------|-------------|--------|----------|
- 11 Cement, Plaster (1:4) up to 20' height 3/8" thick (G.S.I. No.11 P/58)
- | | | | |
|-------------|-------------|--------|----------|
| 376.00 Sft. | @Rs: 536.14 | P%Sft. | Rs: 2016 |
|-------------|-------------|--------|----------|
- 12 Cement, Pointing struck joint on walls (1:3) (G.S.I. No.11 P/57)
- | | | | |
|-------------|-------------|--------|----------|
| 436.00 Sft. | @Rs: 607.53 | P%Sft. | Rs: 2649 |
|-------------|-------------|--------|----------|

Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq; bars 4" Center to center with locking arrangement (G.S.I. No.11 P/97)	28.00 Sft.	@Rs: 385.76	P/Sft.	Rs: 10801
14 Supplying and fixing Z section window 3/4" x 3/4" x 3/4" and partly fixed i/c designed along with fitting particulars and approved with 3 coats of glass painting. Etc complete (R.A Approved)	36.00 Sft.	@Rs: 90.15	P/Sft.	Rs: 3245
15 Supplying and fixing in position iron steel grill of 3/4" x 1/4" size flat iron of approved design i/c painting 03 coats etc complete (weight not to be less than 3 Lbs/sq; foot of finished grill) (G.S.I. NO.26 P/97)	36.00 Sft.	@Rs: 115.47	P/Sft.	Rs: 4155
16 PAINTING NEW SURFACE				
Preparing surface and painting of door and window any type i/c Edges 3 coats (G.S.I. No.5 P/6)	56.00 Sft.	@Rs: 978.95	P/Sft.	Rs: 548
17 White washing of three coats (G.S.I. No.26 P/55) Qty: of item No.	174.00 Sft.	@Rs: 115.18	P/Sft.	Rs: 200
18 White washing of One coat (G.S.I. No.26 P/55)	812.00 Sft.	@Rs: 60.32	P/Sft.	Rs: 490
19 Color Washing (2 coats) (G.S.I.No:24, P/60).	812.00 Sft.	@Rs: 103.79	P/Sft.	Rs: 843
20 Providing and fixing C.I manhole cover with framme i/c cost of material etc:)P.H.S.I-1, P-23)	1.75 Cwt.	@Rs: 1954.70	P/Cwt.	Rs: 3421
21 Supplying R.S.J channel section 8"x4" Girders. (Sch: of Sant: I-141, P-6)	1.44 Cwt.	@Rs: 2200.00	P/Cwt. Total.	Rs: 3168 Rs: 88697
Cost for	1	Nos:		Rs: 88697

PUMPING MACHINERY

Providing Installing and testing in poition i/c tranportation HMA . stainless steel deep well turbine pump type BP 17-6 + 7.50 BHP siemens motor (3x400 V, 50 HZ, 2900 RPM) with suction discharge top set 3" dia x 01 No: pump head 3" outlet with mechanical seal, bowl assembly, suction pipe 1.6m 3" dia, column pipe assembly 3" dia x 6 Nos: capable given discharge 60 GPM against the head of 150 ft and pump setting depth 65 ft i/c C.C foundation, earthing Attached) set with 0.6mx0.6mx3.6mm (2"x2"x1/4") G.I plate burried in the ground at the depth of 3.7m or 12 ft as per PWD specification and providing f ixing motor control unit consisting metallic box, circuit breaker, amper meter, volt meter, magnatic contractor, on/off switch, electronic over current relay and indications lamps i/c providing internal electric wiring for main and testing the pumping set against 72 hours etc: complete (Approved R.A)

1.00 Set @Rs: 631570 P/Set. Rs: 631570

Providing Laying G.I Pipe and clamps etc: i/c fixing cutting and fitting complete i/c the cost of breaking through walls and making good etc: painting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft and handling (Approved rate) for delivery line 3" dia.

	20.00 Rft.	@Rs: 309.75	P/Rft.	Rs: 6195
3	Manufacturing and supplying M.S flanged of different clamps made out of M.S sheet of various thickness i/c cutting drilling holes and welding clamps with M.S pipes etc complete (P.H.S.I-1, P-32).			
	7.64 Kg.	@Rs: 111.3	P/Kg.	Rs: 850
4	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)			
	0.14 Cwt.	@Rs: 2032	P/Cwt.	Rs: 284
5	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)			
	0.28 Cwt.	@Rs: 2032	P/Cwt.	Rs: 569
6	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)			
	1.00 Nos:	@Rs: 600	Each.	Rs: 600
7	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specifics pressure etc complete (P.H.S I No 1 P/ 35)			
	3" dia.	8.00 Nos:	@Rs: 193.55	P/Joint. <u>Rs: 1547</u> Rs: 641616
Cost for	1	Nos:		Rs: 641616

PVC PIPE LINE

1	Excavation for pipe line entrenches and pits in soft soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint hoes and disposal of surplus earth within a one chain as directed by engineer in charge providing fence guards light fags and temporary crossing for non vehicular traffic where ever required lift up 5 ft lead u (1.52 m) and lead up to one chain (30.5 m) (P.H.S.I- 3 P- 46)			
	88550 Cft	@Rs 1742.40	P%0Cft	Rs 154290
2	Providing PVC pipes of Class "B" (equivalent make) make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring i/c testing with water to head 61 meter or 200 ft(R.A approved attached)			
	3" dia	3150 Rft.	@Rs 76.91	P-Rft Rs 242267
	4" dia	9500 Rft.	@Rs 115.87	P-Rft Rs 1100765
3	Special Cast iron fitting for P.V.C pipe (P.H.S.(M) I- 1 P- 29)			
	TEE WITH FLANGE			
	3" dia	3 Nos:	@Rs 785.00	Each Rs 2355
	4" dia	2 Nos:	@Rs 985.00	Each Rs 1970
	BEND WITH FLANGE			
	3" dia	4 Nos:	@Rs 550.00	Each Rs 2200
	4" dia	4 Nos:	@Rs 950.00	Each Rs 3800

Fire Hydrant Tee					
4" dia	2 Nos:	@Rs 475.00	Each	Rs 950	
Gate Valve					
4" dia	1 Nos:	@Rs 850.00	Each	Rs 850	
End Plugg.	1 Nos:	@Rs: 1200.00	Each	Rs: 1200	
3" dia	3 Nos:	@Rs: 160.00	Each	Rs: 480	
4" dia	1 Nos:	@Rs: 275.00	Each	Rs: 275	
TAIL PIECE					
3" dia	22 Nos:	@Rs 300.00	Each	Rs 6600	
4" dia	16 Nos:	@Rs 375.00	Each	Rs 6000	
Gibulat Joint					
3" dia	22 Nos:	@Rs 275.00	Each	Rs 6050	
4" dia	16 Nos:	@Rs 300.00	Each	Rs 4800	
4 Supplying Air valve double acting 3"x1" (S.M.- I - 8 P- 11)					
	2 Nos:	@Rs 1700.00	Each	Rs 3400	
5 Providing installaing G.I Pipe. (R.approved in W/S/Sch: Qazi Arif)					
4" dia	40.00 Rft	@Rs 439.24	P-Rft	Rs 17570	
6 Manufacturing supplying M.S flanges (Approved rate). correct curvatures and shape l/c welding etc: complete (Approved rate).					
4"dia	8.00 Nos:	@Rs: 550.52	Each	Rs: 4404	
7 Jointing C.I /M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S- I-1 P-35)					
3"dia	22 Joints.	@Rs 193.55	P-Joint	Rs 4258	
4"dia	20 Joints.	@Rs 197.45	P-Joint	Rs 3949	
8 Providing chamber 21/2x21/2 (750x750 mm) inside dimension 41/2' (1372 mm) deep as per approved design for sluice valve 3" to 12" dia wit 18" (457 mm) dia inside cost iron cover and frame (wt= 1 cwt qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" 12.5 mm) thick 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 21/2 ft depth curing excavation back f illing and disposal of surplus earth etc complete (P.H.S- I-1 P-40)					
	4 Nos:	@Rs 6769.20	Each	Rs 27077	
9 Refilling the excavated stuff in trenches 6" thick Layer i/c watering ramming to fu compaction etc complete (P.H.S- I-24 P-53)					
	79695 Cft	@Rs 1343.00	P%0Cft	Rs 107030	
10 Const: of inauguration ceremony marble stone size 3'x2-1/2' for development work (Approved rate)					
	1 Job	@Rs 6440.00	P/Job.	Rs 6440	
				Rs 1708979	
Cost for	1 Nos:			Rs: 1708979	

CONSTRUCTION OF L. S. R.

1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	192.14 Cft.	@Rs: 1306.80	P%0Cft.	Rs: 251
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:2:4).(G.S.I-5 P/17)	85.87 Cft.	@Rs: 5941.10	P%Cft.	Rs: 5101
3	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:4:8).(G.S.I-5 P/17)	113.82 Cft.	@Rs: 4319.70	P%Cft.	Rs: 4917
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6)(G.S.I No. 4 P/ 24)	183.76 Cft.	@Rs: 3865.15	P%Cft.	Rs: 7102
5	Filling watering ramming earth under floor with surplus excavated earth from out side lead upto one chain and lift upto 5ft (G.S.I-21, P-5).	45.70 Cft.	@Rs: 641.30	P%0Cft.	Rs: 29
6	Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/57)	345.63 Sft.	@Rs: 572.77	P%Sft.	Rs: 1980
7	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I-6 P/17)	230.40 Cft.	@Rs: 114.00	P/Cft.	Rs: 26266
8	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I-7 (ii) (a) P/19)	11.31 Cwt.	@Rs: 2772.55	P/Cwt.	Rs: 31358
9	Cement plaster (1:4) up to 20'height 3/4"thick (G.S.I-11/ P/57)	489.84 Sft.	@Rs: 779.96	P%Sft.	Rs: 3821
10	Supply of Dampo (sch: of Mat: I- 46, P-4).	9.77 Lbs.	@Rs: 27.27	P/Lb.	Rs: 266
11	Providing G.I standared approved quality test pressure 200 ft. (Approved rate).				
	3" dia.	32.75 Rft.	@Rs: 309.75	P/Rft.	Rs: 10144
	3/4"dia.	10.50 Rft.	@Rs: 61.73	P/Rft.	Rs: 648
12	Supplying and fixing bress bib cock light pattern (sch: of Sant: I-13, P-18).				
	3/4" dia.	7.00 Nos:	@Rs: 80.95	Each.	Rs: 567

- Manufacturing and installing M.S machined flanged made out of M.S sheet 3/8" thick i/c cutting fitting drilling holes and welding with pipes P.H.S.(M).I-1, P32).
- 3" dia. 26.74 Kg. @Rs: 111.30 P/Kg. Rs: 2976
- 4 Painting of G.I ipes with 2 coats zine paint for internal fitting . (Sant: Sch: I-3, P-12).
3" dia. 32.75 Rft. @Rs: 4.20 P/Rft. Rs: 138
- 15 C.I Bend with flanged ends with holes i/c turning facing flanged for all size (P.H.S.(M).I-8, P-11).
0.57 Cwt. @Rs: 2032.00 P/Cwt. Rs: 1158
- 16 Cost iron specials for A.C pressure pipes of class B ACIL (PHS(M)I-VII, P-15).
3" dia. 1.00 Nos: @Rs: 300.00 Each. Rs: 300
- 17 Jointing C.I/M.S flanged pipes and specials flanged and inside trenches i/c supplyng rubber packing of the required thickness nuts bolts with washers and tools required for jointing and testing the joints specified pressure etc: (P.H.S.I-1, P-35).
3" dia. 7.00 Joints @Rs: 193.55 P/Jopint Rs: 1357
- 18 P/F Main holes covers i/c frames i/c cost of material etc: complete (P.H.S.I-1, P/23).
1.00 Cwt. @Rs: 1954.70 P/Cwt. Rs: 1955
- 19 C.I Shuice valve heavy patter test pressure 21 Kg/sq: cm or 300 lbs/sq: inch. (P.H.S.(M).I-12, P-2).
3" dia. 1.00 Nos: @Rs: 850.00 Each. Rs: 850
- 20 P/F C.I Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc: complete. (P.H.S.I-4, P-48).
1.00 Nos: @Rs: 1884.45 Each. Rs: 1884
Tiotal. Rs: 103066
- Cost for 2 Nos: Rs: 206132

ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
TUBE WELL.	103607	24104	127711
CONSTRUCTION OF PUMP HOUSE.	85452	3245	88697
PUMPING MACHINARY	3851	637765	641616
PVC PIPE LINE	337534	1371445	1708979
CONSTRUCTION OF L . S . R.	184547	21585	206132
Total	714991	2058145	2773136

Item.	Qty:	Rate.	Unit.	Amount.
WATER SUPPLY SCHEME VILLAGE BADANI TALUKA DADU				
TUBE WELL.				
1	Boring of Tube Well in all water bearing soil from ground level up to 100 ft or 30.5 m depth i/c sinking and with drawing and casing pipes (P.H.S.No 1 P/ 36) 12: dia	100.00 Rft	@Rs 463.35 P-Rft	Rs 46335
2	Providing strong substantially built wooden locked with compartment for preserving 2 lbs (1K.g) samples starts (P.H.S.I No 5 P/ 36)	1.00 Nos	@Rs 1650.40 Each	Rs 1650
3	Taking & Preserving inbox 2 lbs (1 K.g) sample of strata from bore holes etc (P.H.S.I No. 6 P/ 36)	4.00 Samples	@Rs 150.00 P/Sample	Rs 600
4	Taking samples of water from bore holes and place in two separate bottles (P.H.S.I.No 7 P/ 37)	4.00 Samples	@Rs 165.00 P/Sample	Rs 660
5	Supplying & Instaling PVC blind Pipe "B" class of approved designed quality and make i/c necessary socket etc complete (P.H.S.I-12, P-37) 8" dia	55.00 Rft	@Rs 432.75 P-Rft	Rs 23801
6	Supplying & Instaling PVC strainer Pipe "B" class of approved designed quality i/c necessary socket etc Complete (P.H.S.I-12, P-37) 8" dia	45.00 Rft	@Rs 515.25 P-Rft	Rs 23185
7	M.S bail plugged of approved quality 5' long (P.H.S. (M) I No. 38 P/ 26) 8" dia	1.00 No:	@Rs 1025.00 Each	Rs 1025
8	Shrouding with Graded bajri (3/8" to 1/8") or 9 to 3mm bitumen bore an plind pipe (P.H.S.I No 13 P/ 38) 8" dia	100.00 Rft	@Rs 63.50 P-Rft	Rs 6350
9	Supplying & Installing well head casing and security cap (R.A approved) 8" dia	1.00 No	@Rs 2700.00 P-Each	Rs 2700
10	Development charges of Tube well(Non Sch: Item)	24.00 Hours	@Rs 832.50 P-Hour	Rs 19980
11	Disinfect well. (Non Sch: Item) 8" dia	1.00 No	@Rs 500.00 P-Each	Rs 500
12	Construct concrete class "B" plinth around well head casing etc. (Non Sch: item) 8" dia	1.00 No	@Rs 924.00 P-Each	Rs 924
			Total	Rs: 127711
	Cost for	1 Nos:		Rs: 127711

CONSTRUCTION OF PUMP HOUSE.

- 1 Excavation in foundation of building bridges and other structures.
1/2 dag belling dressing refilling around the structures with excavated
Earth watering ramming lead up to one chain and lift up to 5' (G.S.I. No. 18 P/ 04)
195.50 Cft. @Rs: 1306.80 P%0Cft. Rs: 255
- 2 Cement concrete brick or stone ballast 1 1/2" to 2" gauge.
(Ratio 1:4:8) (G.S.I No. 4 P/ 17)
88.84 Cft. @Rs: 3584.10 P%Cft. Rs: 3184
- 3 Cement concrete plain i/c placing compacting finishing and
curing complete i/c screening and washing of stone aggregate
without shuttering (Ratio 1:3:6) (G.S.I.No 5 P/ 18)
246.75 Cft. @Rs: 5001.70 P%Cft. Rs: 12342
- 4 Erection and removal of centering for R.C.C or plain C.C Work
of deodar Wood 1st class(vertical). (G.S.I.No. 18 P/ 19)
329.00 Sft. @Rs: 1405.75 P%Sft. Rs: 4625
- 5 Filling Watering and ramming earth in floor with surplus earth excavated from
foundation lead upto 1 chain and lift upto 5' (G.S.I No 21 P- 18)
95.74 Cft. @Rs: 641.30 P%0Cft. Rs: 61
- 6 pacca brick work in ground floor cement, sand, mortar (1:6)
(G.S.I. No 5 P/ 22)
320.62 Cft. @Rs: 4246.30 P%Cft. Rs: 13614
- 7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for b/b which will be paid separately.
This rate also i/c all kinds of forms moulds lifting, shutting, curing,
rendering and finishing the exposed surface (i/c s/w of shingle) (a) R.C work in
roof slab beams columns rafts lintels and other structural members laid in
situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs
cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I No. 6 p/ 49).
83.80 Cft. @Rs: 114.00 P/Cft. Rs: 9553
- 8 Fabrication of mild steel reinforcement for C.C i/c cutting, bending,
laying in position making joints and fastening i/c cost of binding wire
(also i/c removal of rust from bars).(G.S.I No 7 p/ 20)
3.37 Cwt. @Rs: 2772.55 P/Cwt. Rs: 9343
- 9 Providing and laying 3" thick to topping Cement Concrete (1:2:4) i/c surface,
finishing and dividing in to panel (GSI No. 16 P/46)
120.00 Sft. @Rs: 1820.23 P%Sft. Rs: 2184
- 10 Cement, Plaster (1:6) up to 20' height 1/2" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 531.41 P%Sft. Rs: 1998
- 11 Cement, Plaster (1:4) up to 20' height 3/8" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 536.14 P%Sft. Rs: 2016
- 12 Cement, Pointing struck joint on walls (1:3) (G.S.I. No.11 P/57)
436.00 Sft. @Rs: 607.53 P%Sft. Rs: 2649

Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq: bars 4" Center to center with locking arrangement (G.S.I. No.11 P/97)

28.00 Sft. @Rs: 385.76 P/Sft. Rs: 10801

14 Supplying and fixing Z section window 3/4" x 3/4" x 3/4" and partly fixed i/c designed along with fitting particulars and approved with 3 coats of glass painting. Etc complete (R.A Approved)

36.00 Sft. @Rs: 90.15 P/Sft. Rs: 3245

15 Supplying and fixing in position iron steel grill of 3/4" x 1/4" size flat iron of approved design i/c painting 03 coats etc complete (weight not to be less than 3 Lbs/sq: foot of finished grill) (G.S.I. NO.26 P/97)

36.00 Sft. @Rs: 115.47 P/Sft. Rs: 4155

16 PAINTING NEW SURFACE

Preparing surface and painting of door and window any type i/c Edges 3 coats (G.S.I. No.5 P/6)

56.00 Sft. @Rs: 978.95 P/Sft. Rs: 548

17 White washing of three coats (G.S.I. No.26 P/55)

Qty: of item No.

174.00 Sft. @Rs: 115.18 P/Sft. Rs: 200

18 White washing of One coat (G.S.I. No.26 P/55)

812.00 Sft. @Rs: 60.32 P/Sft. Rs: 490

19 Color Washing (2 coats) (G.S.I.No:24, P/60).

812.00 Sft. @Rs: 103.79 P/Sft. Rs: 843

20 Providing and fixing C.I manhole cover with framme i/c cost of material etc:)P.H.S.I-1, P-23)

1.75 Cwt. @Rs: 1954.70 P/Cwt. Rs: 3421

21 Supplying R.S.J channel section 8"x4" Girders. (Sch: of Sant: I-141, P-6)

1.44 Cwt. @Rs: 2200.00 P/Cwt. Rs: 3168
Total. Rs: 88697

Cost for 1 Nos: Rs: 88697

PUMPING MACHINERY

1) Providing Installing and testing in poition i/c tranportation HMA . stainless steel deep well turbine pump type BP 17-6 + 7.50 BHP siemens motor (3x400 V, 50 HZ, 2900 RPM) with suction discharge top set 3" dia x 01 No: pump head 3" outlet with mechanical seal, bowl assembly, suction pipe 1.6m 3" dia, column pipe assembly 3" dia x 6 Nos: capable given discharge 60 GPM against the head of 150 ft and pump setting depth 65 ft i/c C.C foundation, earthing Attached) set with 0.6mx0.6mx3.6mm (2"x2"x1/4") G.I plate burried in the ground at the depth of 3.7m or 12 ft as per PWD specification and providing f ixing motor control unit consisting metallic box, circuit breaker, amper meter, volt meter, magnatic contractor, on/off switch, electronic over current relay and indications lamps i/c providing internal electric wiring for main and testing the pumping set against 72 hours etc: complete (Approved R.A)

1.00 Set @Rs: 631570 P/Set. Rs: 631570

Providing Laying G.I Pipe and clamps etc: i/c fixing cutting and fitting complete i/c the cost of breaking through walls and making good etc: painting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft and handling (Approved rate) for delivery line 3"dia.

	20.00 Rft.	@Rs: 309.75	P/Rft.	Rs: 6195
3	Manufacturing and supplying M.S flanged of different clamps made out of M.S sheet of various thickness i/c cutting drilling holes and welding clamps with M.S pipes etc complete (P.H.S.I-1, P-32):			
	7.64 Kg.	@Rs: 111.3	P/Kg.	Rs: 850
4	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)			
	0.14 Cwt.	@Rs: 2032	P/Cwt.	Rs: 284
5	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)			
	0.28 Cwt.	@Rs: 2032	P/Cwt.	Rs: 569
6	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)			
	3" dia.	1.00 Nos:	@Rs: 600	Each. Rs: 600
7	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specifies pressure etc complete (P.H.S I No 1 P/ 35)			
	3" dia.	8.00 Nos:	@Rs: 193.55	P/Joint. <u>Rs: 1547</u> Rs: 641616
Cost for	1	Nos:		Rs: 641616

PVC PIPE LINE

1	Excavation for pipe line entrenches and pits in soft soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint hoes and disposal of surplus earth within a one chain as directed by engineer in charge providing fence guards light fags and temporary crossing for non vehicular traffic where ever required lift up 5 ft lead u (1.52 m) and lead up to one chain (30.5 m) (P.H.S.I- 3 P- 46)			
	126000 Cft	@Rs 1742.40	P%0Cft	Rs 219542
2	Providing PVC pipes of Class "B" (equivalent make) make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring I/c testing with water to head 61 meter or 200 ft(R.A approved attached)			
	3" dia	4000 Rft.	@Rs 76.91	P-Rft Rs 307640
	4" dia	14000 Rft.	@Rs 115.87	P-Rft Rs 1622180
3	Special Cast iron fitting for P.V.C pipe (P.H.S.(M) I- 1 P- 29)			
	TEE WITH FLANGE			
	3" dia	3 Nos:	@Rs 785.00	Each Rs 2355
	4" dia	4 Nos:	@Rs 985.00	Each Rs 3940
	BEND WITH FLANGE			
	3" dia	4 Nos:	@Rs 550.00	Each Rs 2200
	4" dia	8 Nos:	@Rs 950.00	Each Rs 7600

Fire Hydrant Tee 4" dia	6 Nos:	@Rs 475.00	Each	Rs 2850
Gate Valve 3" dia	1 Nos:	@Rs 850.00	Each	Rs 850
4" dia	2 Nos:	@Rs: 1200.00	Each	Rs: 2400
End Plugg. 3" dia	3 Nos:	@Rs: 160.00	Each	Rs: 480
4" dia	1 Nos:	@Rs: 275.00	Each	Rs: 275
TAIL PIECE 3" dia	22 Nos:	@Rs 300.00	Each	Rs 6600
4" dia	30 Nos:	@Rs 375.00	Each	Rs 11250
Gibulat Joint 3" dia	22 Nos:	@Rs 275.00	Each	Rs 6050
4" dia	30 Nos:	@Rs 300.00	Each	Rs 9000
4 Supplying Air valve double acting 3"x1" (S.M.- I - 8 P- 11)	6 Nos:	@Rs 1700.00	Each	Rs 10200
5 Providing installaing G.I Pipe. (R.approved in W/S/Sch: Qazi Arif)				
4" dia	40.00 Rft	@Rs 439.24	P-Rft	Rs 17570
6 Manufacturing supplying M.S flanges (Approved rate). correct curvatures and shape I/c welding etc: complete (Approved rate).				
4"dia	8.00 Nos:	@Rs: 550.52	Each	Rs: 4404
7 Jointing C.I /M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S- I-1 P-35)				
3"dia	22 Joints.	@Rs 193.55	P-Joint	Rs 4258
4"dia	34 Joints.	@Rs 197.45	P-Joint	Rs 6713
8 Providing chamber 21/2x21/2 (750x750 mm) inside dimension 41/2' (1372 mm) deep as per approved design for sluice valve 3" to 12" dia wit 18" (457 mm) dia inside cost iron cover and frame (wt= 1 cwt qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" 12.5 mm) thick 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 21/2 ft depth curing excavation back f illing and disposal of surplus earth etc complete (P.H.S- I-1 P-40)	9 Nos:	@Rs 6769.20	Each	Rs 60923
9 Refilling the excavated stuff in trenches 6" thick Layer i/c watering ramming to fu compaction etc complete (P.H.S- I-24 P-53)	113400 Cft	@Rs 1343.00	P%0Cft	Rs 152296
10 Const: of inauguration cermony marble stone size 3'x2-1/2' for development work (Approved rate)	1 Job	@Rs 6440.00	P/Job.	Rs 6440
				Rs 2468017
Cost for	1 Nos:			Rs: 2468017

CONSTRUCTION OF L . S . R.

	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	192.14 Cft.	@Rs: 1306.80	P%0Cft.	Rs: 251
	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering' (Ratio 1:2:4).(G.S.I-5 P/17	85.87 Cft.	@Rs: 5941.10	P%Cft.	Rs: 5101
3	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:4:8).(G.S.I-5 P/17	113.82 Cft.	@Rs: 4319.70	P%Cft.	Rs: 4917
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6)(G.S.I No. 4 P/ 24)	183.76 Cft.	@Rs: 3865.15	P%Cft.	Rs: 7102
5	Filling watering ramming earth under floor with surplus excavated earth from out side lead upto one chain and lift upto 5ft (G.S.I-21, P-5).	45.70 Cft.	@Rs: 641.30	P%0Cft.	Rs: 29
6	Cement plaster (1:4) up to 20'height ½"thick (G.S.I-11/ P/57)	345.63 Sft.	@Rs: 572.77	P%Sft.	Rs: 1980
7	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or pprecast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to ¼" gauge. (G.S.I-6 P/17)	230.40 Cft.	@Rs: 114.00	P/Cft.	Rs: 26266
8	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I-7 (ii) (a) P/19)	11.31 Cwt.	@Rs: 2772.55	P/Cwt.	Rs: 31358
9	Cement plaster (1:4) up to 20'height ¾"thick (G.S.I-11/ P/57)	489.84 Sft.	@Rs: 779.96	P%Sft.	Rs: 3821
10	Supply of Dampo (sch: of Mat: I- 46, P-4).	9.77 Lbs.	@Rs: 27.27	P/Lb.	Rs: 266
11	Providing G.I standared approved quality test pressure 200 ft. (Approved rate).				
	3" dia.	32.75 Rft.	@Rs: 309.75	P/Rft.	Rs: 10144
	¾"dia.	10.50 Rft.	@Rs: 61.73	P/Rft.	Rs: 648
12	Supplying and fixing bress bib cock light pattern (sch: of Sant: I-13, P-18). ¾" dia.	7.00 Nos:	@Rs: 80.95	Each.	Rs: 567

Manufacturing and installing M.S machined flanged made out of M.S sheet 3/8" thick i/c cutting fitting drilling holes and welding with pipes P.H.S.(M).I-1, P32).

	3" dia.	26.74 Kg.	@Rs: 111.30	P/Kg.	Rs: 2976
14	Painting of G.I ipes with 2 coats zine paint for internal fitting . (Sant: Sch: I-3, P-12).	3" dia.	32.75 Rft.	@Rs: 4.20	P/Rft. Rs: 138
15	C.I Bend with flanged ends with holes i/c turning facing flanged for all size (P.H.S.(M).I-8, P-11).		0.57 Cwt.	@Rs: 2032.00	P/Cwt. Rs: 1158
16	Cost iron specials for A.C pressure pipes of class B ACIL (PHS(M)I-VII, P-15).	3" dia.	1.00 Nos:	@Rs: 300.00	Each. Rs: 300
17	Jointing C.I/M.S flanged pipes and specials flanged and inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers and tools required for jointing and testing the joints specified pressure etc: (P.H.S.I-1, P-35).	3" dia.	7.00 Joints	@Rs: 193.55	P/Jopint Rs: 1357
18	P/F Main holes covers i/c frames i/c cost of material etc: complete (P.H.S.I-1, P/23).		1.00 Cwt.	@Rs: 1954.70	P/Cwt. Rs: 1955
19	C.I Shuice valve heavy patter test pressure 21 Kg/sq: cm or 300 lbs/sq: inch. (P.H.S.(M).I-12, P-2).	3" dia.	1.00 Nos:	@Rs: 850.00	Each. Rs: 850
20	P/F C.I Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc: complete. (P.H.S.I-4, P-48).		1.00 Nos:	@Rs: 1884.45	Each. Rs: 1884 Tiotal. Rs: 103066
	Cost for	3	Nos:		Rs: 309199

ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
TUBE WELL.	103607	24104	127711
CONSTRUCTION OF PUMP HOUSE.	85452	3245	88697
PUMPING MACHINARY	3851	637765	641616
PVC PIPE LINE	509783	1958234	2468017
CONSTRUCTION OF L. S. R.	276821	32377	309199
Total	979514	2655726	3635240

Item.	Qty:	Rate.	Unit.	Amount.
WATER SUPPLY SCHEME VILLAGE SAHIB KHAN LAHBAR TALUKA DADU				
TUBE WELL.				
Boring of Tube Well in all water bearing soil from ground level up to 100 ft or 30.5 m depth i/c sinking and with drawing and casing pipes (P.H.I.S No 1 P/ 36)				
12: dia	100.00 Rft	@Rs 463.35	P-Rft	Rs 46335
2 Providing strong substantially built wooden locked with compartment for preserving 2 lbs (1K.g) samples startes (P.H.S.I No 5 P/ 36)				
	1.00 Nos	@Rs 1650.40	Each	Rs 1650
3 Taking & Preserving inbox 2 lbs (1 K.g) sample of strata from boar holes etc (P.H.S.I No. 6 P/ 36)				
	4.00 Samples	@Rs 150.00	P/Sample	Rs 600
4 Taking samples of water from bore holes and place in two separate bottles (P.H.S.I.No 7 P/ 37)				
	4.00. Samples	@Rs 165.00	P/Sample	Rs 660
5 Supplying & Instaling PVC blind Pipe "B" class of approved designed quality and make i/c necessary socket etc complete (P.H.S.I-12, P-37)				
8" dia	55.00 Rft	@Rs 432.75	P-Rft	Rs 23801
6 Supplying & Instaling PVC strainer Pipe "B" class of approved designed quality i/c necessary socket etc Complete (P.H.S.I-12, P-37)				
8" dia	45.00 Rft	@Rs 515.25	P-Rft	Rs 23185
7 M.S bail plugged of approved quality 5' long (P.H.S. (M) I No. 38 P/ 26)				
8" dia	1.00 No:	@Rs 1025.00	Each	Rs 1025
8 Shrouding with Graded bajri (3/8" to 1/8") or 9 to 3mm bitumen bore an plind pipe (P.H.S.I No 13 P/ 38)				
8" dia	100.00 Rft	@Rs 63.50	P-Rft	Rs 6350
9 Supplying & Installing well head casing and security cap (R.A approved)				
8" dia	1.00 No	@Rs 2700.00	P-Each	Rs 2700
10 Development charges of Tube well(Non Sch: Item)				
	24.00 Hours	@Rs 832.50	P-Hour	Rs 19980
11 Disinfect well. (Non Sch: Item)				
8" dia	1.00 No	@Rs 500.00	P-Each	Rs 500
12 Construct concrete class "B" plinth around well head casing etc. (Non Sch: item)				
8" dia	1.00 No	@Rs 924.00	P-Each	Rs 924
			Total	Rs: 127711
Cost for	1 Nos:			Rs: 127711

CONSTRUCTION OF PUMP HOUSE.

- Excavation in foundation of building bridges and other structures.
Dag belling dressing refilling around the structures with excavated
earth watering ramming lead up to one chain and lift up to 5' (G.S.I. No. 18 P/ 04)
195.50 Cft. @Rs: 1306.80 P%0Cft. Rs: 255
- Cement concrete brick or stone ballast 1 1/2" to 2" gauge.
(Ratio 1:4:8) (G.S.I.No. 4 P/ 17)
88.84 Cft. @Rs: 3584.10 P%Cft. Rs: 3184
- 3 Cement concrete plain i/c placing compacting finishing and
curing complete i/c screening and washing of stone aggregate
without shuttering (Ratio 1:3:6) (G.S.I.No 5 P/ 18)
246.75 Cft. @Rs: 5001.70 P%Cft. Rs: 12342
- 4 Erection and removal of centering for R.C.C or plain C.C Work
of deodar Wood 1" class(vertical). (G.S.I.No. 18 P/ 19)
329.00 Sft. @Rs: 1405.75 P%Sft. Rs: 4625
- 5 Filling Watering and ramming earth in floor with surplus earth excavated from
foundation lead upto 1 chain and lift upto 5' (G.S.I No 21 P- 18)
95.74 Cft. @Rs: 641.30 P%0Cft. Rs: 61
- 6 pacca brick work in ground floor cement, sand, mortar (1:6)
(G.S.I. No 5 P/ 22)
320.62 Cft. @Rs: 4246.30 P%Cft. Rs: 13614
- 7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for b/b which will be paid separately.
This rate also i/c all kinds of forms moulds lifting, shutting, curing,
rendering and finishing the exposed surface (i/c s/w of shingle) (a) R.C work in
roof slab beams columns rafts lintels and other structural members laid in
situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs
cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I.No. 6 p/ 49).
83.80 Cft. @Rs: 114.00 P/Cft. Rs: 9553
- 8 Fabrication of mild steel reinforcement for C.C i/c cutting, bending,
laying in position making joints and fastening i/c cost of binding wire
(also i/c removal of rust from bars).(G.S.I No 7 p/ 20)
3.37 Cwt. @Rs: 2772.55 P/Cwt. Rs: 9343
- 9 Providing and laying 3" thick to toping Cement Concrete (1:2:4) I/c surface,
finishing and dividing in to panel (GSI No. 16 P/46)
120.00 Sft. @Rs: 1820.23 P%Sft. Rs: 2184
- 10 Cement, Plaster (1:6) up to 20' height 1/2" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 531.41 P%Sft. Rs: 1998
- 11 Cement, Plaster (1:4) up to 20' height 3/8" thick (G.S.I. No:11 P/58)
376.00 Sft. @Rs: 536.14 P%Sft. Rs: 2016
- 12 Cement, Pointing struck joint on walls (1:3) (G.S.I. No.11 P/57)
436.00 Sft. @Rs: 607.53 P%Sft. Rs: 2649

Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq: bars 4" Center to center with locking arrangement (G.S.I. No.11 P/97)			
	28.00 Sft.	@Rs: 385.76	P/Sft. Rs: 10801
14 Supplying and fixing Z section window 3/4" x 3/4" x 3/4" and partly fixed i/c designed along with fitting particulars and approved with 3 coats of glass painting. Etc complete (R.A Approved)			
	36.00 Sft.	@Rs: 90.15	P/Sft. Rs: 3245
15 Supplying and fixing in position iron steel grill of 3/4" x 1/4" size flat iron of approved design i/c painting 03 coats etc complete (weight not to be less than 3 Lbs/sq: foot of finished grill) (G.S.I. NO.26 P/97)			
	36.00 Sft.	@Rs: 115.47	P/Sft. Rs: 4155
16 PAINTING NEW SURFACE			
Preparing surface and painting of door and window any type i/c Edges 3 coats (G.S.I. No.5 P/6)			
	56.00 Sft.	@Rs: 978.95	P%Sft. Rs: 548
17 White washing of three coats (G.S.I. No.26 P/55) Qty: of item No.			
	174.00 Sft.	@Rs: 115.18	P%Sft. Rs: 200
18 White washing of One coat (G.S.I. No.26 P/55)			
	812.00 Sft.	@Rs: 60.32	P%Sft. Rs: 490
19 Color Washing (2 coats) (G.S.I.No:24, P/60).			
	812.00 Sft.	@Rs: 103.79	P%Sft. Rs: 843
20 Providing and fixing C.I manhole cover with framme i/c cost of material etc:)P.H.S.I-1, P-23)			
	1.75 Cwt.	@Rs: 1954.70	P/Cwt. Rs: 3421
21 Supplying R.S.J channel section 8"x4" Girders. (Sch: of Sant: I-141, P-6)			
	1.44 Cwt.	@Rs: 2200.00	P/Cwt. Rs: 3168
		Total.	Rs: 88697
Cost for	1	Nos:	Rs: 88697

PUMPING MACHINERY

1 Providing Installing and testing in poition i/c tranportation HMA . stainless steel deep well turbine pump type BP 17-6 + 7.50 BHP siemens motor (3x400 V, 50 HZ, 2900 RPM) with suction discharge top set 3" dia x 01 No: pump head 3" outlet with mechanical seal, bowl assembly, suction pipe 1.6m 3" dia, column pipe assembly 3" dia x 6 Nos: capable given discharge 60 GPM against the head of 150 ft and pump setting depth 65 ft i/c C.C foundation, earthing Attached) set with 0.6mx0.6mx3.6mm (2"x2"x1/4") G.I plate burried in the ground at the depth of 3.7m or 12 ft as per PWD specification and providing f ixing motor control unit consisting metallic box, circuit breaker, amper meter, volt meter, magnatic contractor, on/off switch, electronic over current relay and indications lamps i/c providing internal electric wiring for main and testing the pumping set against 72 hours etc: complete (Approvede R.A)			
	1.00 Set	@Rs: 631570	P/Set. Rs: 631570

Providing Laying G.I Pipe and clamps etc: i/c fixing cutting and fitting complete i/c the cost of breaking through walls and making good etc: painting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft and handling (Approved rate) for delivery line 3" dia.

20.00 Rft. @Rs: 309.75 P/Rft. Rs: 6195

Manufacturing and supplying M.S flanged of different clamps made out of M.S sheet of various thickness i/c cutting drilling holes and welding clamps with M.S pipes etc complete (P.H.S.I-1, P-32).

7.64 Kg. @Rs: 111.3 P/Kg. Rs: 850

4 C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)

0.14 Cwt. @Rs: 2032 P/Cwt. Rs: 284

5 C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)

0.28 Cwt. @Rs: 2032 P/Cwt. Rs: 569

6 Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11) 3" dia.

1.00 Nos: @Rs: 600 Each. Rs: 600

7 Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specifies pressure etc complete (P.H.S I No 1 P/ 35) 3" dia.

8.00 Nos: @Rs: 193.55 P/Joint. Rs: 1547
Rs: 641616

Cost for 1 Nos: Rs: 641616

PVC PIPE LINE

1 Excavation for pipe line entrenches and pits in soft soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint hoes and disposal of surplus earth within a one chain as directed by engineer in charge providing fence guards light fags and temporary crossing for non vehicular traffic where ever required lift up 5 ft lead u (1.52 m) and lead up to one chain (30.5 m) (P.H.S.I- 3 P- 46)

77000 Cft @Rs 1742.40 P%0Cft Rs 134165

2 Providing PVC pipes of Class "B" (equivalent make) make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring I/c testing with water to head 61 meter or 200 ft (R.A approved attached)

3" dia 2500 Rft. @Rs 76.91 P-Rft Rs 192275
4" dia 8500 Rft. @Rs 115.87 P-Rft Rs 984895

3 Special Cast iron fitting for P.V.C pipe (P.H.S.(M) I- 1 P- 29)

TEE WITH FLANGE

3" dia 3 Nos: @Rs 785.00 Each Rs 2355
4" dia 2 Nos: @Rs 985.00 Each Rs 1970

BEND WITH FLANGE

3" dia 4 Nos: @Rs 550.00 Each Rs 2200
4" dia 4 Nos: @Rs 950.00 Each Rs 3800

Fire Hydrant Tee 4" dia	2 Nos:	@Rs 475.00	Each	Rs 950
Gate Valve 5" dia	1 Nos:	@Rs 850.00	Each	Rs 850
4" dia	1 Nos:	@Rs: 1200.00	Each	Rs: 1200
End Plugg. 3" dia	3 Nos:	@Rs: 160.00	Each	Rs: 480
4" dia	1 Nos:	@Rs: 275.00	Each	Rs: 275
TAIL PIECE 3" dia	22 Nos:	@Rs 300.00	Each	Rs 6600
4" dia	16 Nos:	@Rs 375.00	Each	Rs 6000
Gibulat Joint 3" dia	22 Nos:	@Rs 275.00	Each	Rs 6050
4" dia	16 Nos:	@Rs 300.00	Each	Rs 4800
4 Supplying Air valve double acting 3"x1" (S.M.- I - 8 P- 11)	2 Nos:	@Rs 1700.00	Each	Rs 3400
5 Providing installaing G.I Pipe. (R.approved in W/S/Sch: Qazi Arif)				
4" dia	40.00 Rft	@Rs 439.24	P-Rft	Rs 17570
6 Manufacturing supplying M.S flanges (Approved rate). correct curvatures and shape I/c welding etc: complete (Approved rate).				
4"dia	8.00 Nos:	@Rs: 550.52	Each	Rs: 4404
7 Jointing C.I/M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S- I-1 P-35)				
3"dia	22 Joints.	@Rs 193.55	P-Joint	Rs 4258
4"dia	20 Joints.	@Rs 197.45	P-Joint	Rs 3949
8 Providing chamber 21/2x21/2 (750x750 mm) inside dimension 41/2' (1372 mm) deep as per approved design for sluice valve 3" to 12" dia wit 18" (457 mm) dia inside cost iron cover and frame (wt= 1 cwt qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" 12.5 mm) thick 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 21/2 ft depth curing excavation back filling and disposal of surplus earth etc complete (P.H.S- I-1 P-40)				
	4 Nos:	@Rs 6769.20	Each	Rs 27077
9 Refilling the excavated stuff in trenches 6" thick Layer i/c watering ramming to fu compaction etc complete (P.H.S- I-24 P-53)				
	69300 Cft	@Rs 1343.00	P%0Cft	Rs 93070
10 Const: of inauguration ceremony marble stone size 3'x2-1/2' for development work (Approved rate)				
	1 Job	@Rs 6440.00	P/Job.	Rs 6440
				Rs 1509032
Cost for	1 Nos:			Rs: 1509032

CONSTRUCTION OF L. S. R.

Excavation in foundation of building bridges and other structures

i/c dig billing dressing refilling around the structures with excavated

Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)

192.14 Cft. @Rs: 1306.80 P%0Cft. Rs: 251

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

85.87 Cft. @Rs: 5941.10 P%0Cft. Rs: 5101

3 Cement concrete plain i/c placing compacting finishing
and curing complete i/c screening and washing of stone
aggregate without shuttering (Ratio 1:4:8).(G.S.I-5 P/17

113.82 Cft. @Rs: 4319.70 P%0Cft. Rs: 4917

4 Pacca brick work in foundation and plinth in cement
sand mortar(1:6)(G.S.I No. 4 P/ 24)

183.76 Cft. @Rs: 3865.15 P%0Cft. Rs: 7102

5 Filling watering ramming earth under floor with surplus excavated
earth from out side lead upto one chain and lift upto 5ft (G.S.I-21, P-5).

45.70 Cft. @Rs: 641.30 P%0Cft. Rs: 29

6 Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/57)

345.63 Sft. @Rs: 572.77 P%0Sft. Rs: 1980

7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for bending and binding which will
be paid separately. This rate also includes all kinds of forms moulds
lifting shuttering curing rendering and finishing the exposed surface
i/c screening and washing of shingle (a) R.C work in roof slab members
laid in situ or precast laid in position complete in a respect. (i)
Ratio 1:2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge.
(G.S.I-6 P/17)

230.40 Cft. @Rs: 114.00 P/Cft. Rs: 26266

8 Fabrication of mild steel reinforcement for cement concrete i/c
cutting bending laying in position making joints and fastening i/c
cost of binding wire also includes removal of rust from bars.
(G.S.I-7 (ii) (a) P/19)

11.31 Cwt. @Rs: 2772.55 P/Cwt. Rs: 31358

9 Cement plaster (1:4) up to 20'height 3/4"thick (G.S.I-11/ P/57)

489.84 Sft. @Rs: 779.96 P%0Sft. Rs: 3821

10 Supply of Dampo (sch: of Mat: I- 46, P-4).

9.77 Lbs. @Rs: 27.27 P/Lb. Rs: 266

11 Providing G.I standared approved quality test pressure 200 ft.
(Approved rate).

3" dia. 32.75 Rft. @Rs: 309.75 P/Rft. Rs: 10144
3/4" dia. 10.50 Rft. @Rs: 61.73 P/Rft. Rs: 648

12 Supplying and fixing bress bib cock light pattern (sch: of Sant: I-13, P-18).
3/4" dia.

7.00 Nos: @Rs: 80.95 Each. Rs: 567

- Manufacturing and installing M.S machined flanged made out of M.S sheet 3/8" thick i/c cutting fitting drilling holes and welding with pipes P.H.S.(M).I-1, P32).
- 3" dia. 26.74 Kg. @Rs: 111.30 P/Kg. Rs: 2976
- 14 Painting of G.I ipes with 2 coats zine paint for internal fitting . (Sant: Sch: I-3, P-12).
3" dia. 32.75 Rft. @Rs: 4.20 P/Rft. Rs: 138
- 15 C.I Bend with flanged ends with holes i/c turning facing flanged for all size (P.H.S.(M).I-8, P-11).
0.57 Cwt. @Rs: 2032.00 P/Cwt. Rs: 1158
- 16 Cost iron specials for A.C pressure pipes of class B ACIL (PHS(M)I-VII, P-15).
3" dia. 1.00 Nos: @Rs: 300.00 Each. Rs: 300
- 17 Jointing C.I/M.S flanged pipes and specials flanged and inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers and tools required for jointing and testing the joints specified pressure etc: (P.H.S.I-1, P-35).
3" dia. 7.00 Joints @Rs: 193.55 P/Jopint Rs: 1357
- 18 P/F Main holes covers i/c frames i/c cost of material etc: complete (P.H.S.I-1, P/23).
1.00 Cwt. @Rs: 1954.70 P/Cwt. Rs: 1955
- 19 C.I Sluice valve heavy patter test pressure 21 Kg/sq: cm or 300 lbs/sq: inch. (P.H.S.(M).I-12, P-2).
3" dia. 1.00 Nos: @Rs: 850.00 Each. Rs: 850
- 20 P/F C.I Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc: complete. (P.H.S.I-4, P-48).
1.00 Nos: @Rs: 1884.45 Each. Rs: 1884
Ttotal. Rs: 103066
- Cost for 2 Nos: Rs: 206132

ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
TUBE WELL.	103607	24104	127711
CONSTRUCTION OF PUMP HOUSE.	85452	3245	88697
PUMPING MACHINERY	3851	637765	641616
PVC PIPE LINE	303449	1205584	1509032
CONSTRUCTION OF L . S . R.	184547	21585	206132
Total	680906	1892283	2573189


GENERAL ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
WATER SUPPLY SCHEME VILLAGE HAZUR	714991	2058145	2773136
WATER SUPPLY SCHEME VILLAGE BADANI	979514	2655726	3635240
WATER SUPPLY SCHEME VILLAGE SAHIB	680906	1892283	2573189
Total	2375411	6606153	8981565

CONDITIONS

- 1/- The contractor will have to remove the surplus excavated stuff from the side of work to out of town at his cost .
- 2/- The Contractor arrange the materail for construction of work from the approved quarry as shown in the estimate
- 3/- No premium should be allowed on approved/Market rate.
- 4/- Any Error or omission in the rats, description, Units shall be refferd to particular schedule of rates.
- 5/- No Cartage shall be paid seperately


CONTRACTOR.


Executive Engineer
Public Health Engg.Division
Dadu.

OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION DADU

B - I TENDER

DESCRIPTION OF WORK Water Supply Scheme in various villages Taluka Dadu (ADP 2010-11) (Scheme Identified by Pir Mazhar-ul-Haq Senior Minister Education and Literacy Governmen Sindh)

NAME OF CONTRACTOR TO WHOME TENDER ISSUED

M. Basheer Ahmed Soomro

TENDER FEE RECEIVED VIDE

DR No. _____ DATED :- 18-4-2011

CALL DEPOSIT No:- 24298501

DATED 18/4/2011 OF:- CEEG Dadu

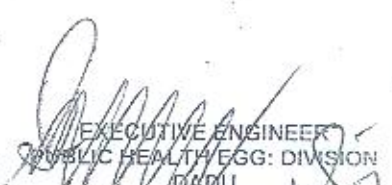

EXECUTIVE ENGINEER
PUBLIC HEALTH & EGG DIVISION
DADU

MEMORANDUM

1	Central description	As above
2	Estimated cost	Rs. 12.000
3	Ernest money	Rs. 240000
4	Percentage if any to be Deducted from Bill 8%	Rs. 960000
5	Security deposit at 10% (i/c earnest money)	Rs. 1200000
6	Time of completion	(05 Month)

92%
I/ We hereby tender for the execution of the above work for the Government of Sindh at 92% percentage above/ ~~below~~ the schedule rates as entered in schedule "B" at the tender rates specified in schedule "B" to the carry-out in accordance with specification drawing and _____ instructions of the Engineer In charge etc: and shall execute the agreement on proper in case the tender is accepted.


CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH & EGG DIVISION
DADU

18/4/2011
M. Basheer Ahmed Soomro
24298501
CEEG Dadu
18/4/2011

SCHEDULE 'B'

NAME OF WORK:- WATER SUPPLY SCHEME VILLAGE HAZUR KHAN CHANDIO
TALUKA DADU

HEAD OF A/C:- WATER SUPPLY SCHEME VILLAGE HAZUR KHAN CHANDIO,
BADANI & SAHIB KHAN LAHBAR TALUKA DADU

No.	Item.	Qty:	Rate.	Unit.	Amount.	
WATER SUPPLY SCHEME VILLAGE HAZUR KHAN CHANDIO TALUKA DADU						
TUBE WELL.						
1	Boring of Tube Well in all water bearing soil from ground level up to 100 ft or 30.5 m depth i/c sinking and with drawing and casing pipes (P.H.I.S No 1 P/ 36)	12: dia	100.00 Rft	@Rs 463.35	P-Rft	Rs 46335
2	Providing strong substantially built wooden locked with compartment for preserving 2 lbs (1K.g) samples startes (P.H.S.I No 5 P/ 36)	1.00 Nos	@Rs 1650.40	Each	Rs 1650	
3	Taking & Preserving inbox 2 lbs (1 K.g) sample of strata from boar holes etc (P.H.S.I No. 6 P/ 36)	4.00 Samples	@Rs 150.00	P/Sample	Rs 600	
4	Taking samples of water from bore holes and place in two separate bottles (P.H.S.I No 7 P/ 37)	4.00 Samples	@Rs 165.00	P/Sample	Rs 660	
5	Supplying & Instaling PVC blind Pipe "B" class of approved designed quality and make i/c necessary socket etc complete (P.H.S.I-12, P-37)	8" dia	55.00 Rft	@Rs 432.75	P-Rft	Rs 23801
6	Supplying & Instaling PVC strainer Pipe "B" class of approved designed quality i/c necessary socket etc Complete (P.H.S.I-12, P-37)	8" dia	45.00 Rft	@Rs 515.25	P-Rft	Rs 23185
7	M.S bail plugged of approved quality 5' long (P.H.S. (M) I No. 38 P/ 26)	8" dia	1.00 No:	@Rs 1025.00	Each	Rs 1025
8	Shrouding with Graded bajri (3/8" to 1/8") or 9 to 3mm bitumca bore an plind pipe (P.H.S.I No 13 P/ 38)	8" dia	100.00 Rft	@Rs 63.50	P-Rft	Rs 6350
9	Supplying & Installing well head casing and security cap (R.A approved)	8" dia	1.00 No	@Rs 2700.00	P-Each	Rs 2700
10	Development charges of Tube well(Non Sch: Item)	24.00 Hours	@Rs 832.50	P-Hour	Rs 19980	
11	Disinfect well. (Non Sch: Item)	8" dia	1.00 No	@Rs 500.00	P-Each	Rs 500
12	Construct concrete class "B" plinth around well head casing etc. (Non Sch: item)	8" dia	1.00 No	@Rs 924.00	P-Each	Rs 924
				Total	Rs: 127711	
	Cost for	1 Nos:			Rs: 127711	

CONSTRUCTION OF PUMP HOUSE.

- Excavation in foundation of building bridges and other structures.
i/c dag belling dressing refilling around the structures with excavated
Earth watering ramming lead up to one chain and lift up to 5' (G.S.I. No. 18 P/ 04)
- | | | | | |
|----|---|--------------|---------|-----------|
| 1 | 195.50 Cft. | @Rs: 1306.80 | P%0Cft. | Rs: 255 |
| 2 | Cement concrete brick or stone ballast 1 1/2" to 2" gauge.
(Ratio 1:4:8) (G.S.I No. 4 P/ 17) | | | |
| | 88.84 Cft. | @Rs: 3584.10 | P%Cft. | Rs: 3184 |
| 3 | Cement concrete plain i/c placing compacting finishing and
curing complete i/c screening and washing of stone aggregate
without shuttering (Ratio 1:3:6) (G.S.I.No 5 P/ 18) | | | |
| | 246.75 Cft. | @Rs: 5001.70 | P%Cft. | Rs: 12342 |
| 4 | Erection and removal of centering for R.C.C or plain C.C Work
of deodar Wood 1 st class(vertical). (G.S.I.No. 18 P/ 19) | | | |
| | 329.00 Sft. | @Rs: 1405.75 | P%Sft. | Rs: 4625 |
| 5 | Filling Watering and ramming earth in floor with surplus earth excavated from
foundation lead upto 1 chain and lift upto 5' (G.S.I No 21 P- 18) | | | |
| | 95.74 Cft. | @Rs: 641.30 | P%0Cft. | Rs: 61 |
| 6 | pacca brick work in ground floor cement, sand, mortar (1:6)
(G.S.I. No 5 P/ 22) | | | |
| | 320.62 Cft. | @Rs: 4246.30 | P%Cft. | Rs: 13614 |
| 7 | R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for b/b which will be paid separately.
This rate also i/c all kinds of forms moulds lifting, shutting, curing,
rendering and finishing the exposed surface (i/c s/w of shingle) (a) R.C work in
roof slab beams columns rafts lintels and other structural members laid in
situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs
cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I No. 6 p/ 49). | | | |
| | 83.80 Cft. | @Rs: 114.00 | P/Cft. | Rs: 9553 |
| 8 | Fabrication of mild steel reinforcement for C.C i/c cutting, bending,
laying in position making joints and fastening i/c cost of binding wire
(also i/c removal of rust from bars).(G.S.I No 7 p/ 20) | | | |
| | 3.37 Cwt. | @Rs: 2772.55 | P/Cwt. | Rs: 9343 |
| 9 | Providing and laying 3" thick to topping Cement Concrete (1:2:4) i/c surface,
finishing and dividing in to panel (GSI No. 16 P/46) | | | |
| | 120.00 Sft. | @Rs: 1820.23 | P%Sft. | Rs: 2184 |
| 10 | Cement, Plaster (1:6) up to 20' height 1/2" thick (G.S.I. No.11 P/58) | | | |
| | 376.00 Sft. | @Rs: 531.41 | P%Sft. | Rs: 1998 |
| 11 | Cement, Plaster (1:4) up to 20' height 3/8" thick (G.S.I. No.11 P/58) | | | |
| | 376.00 Sft. | @Rs: 536.14 | P%Sft. | Rs: 2016 |
| 12 | Cement, Pointing struck joint on walls (1:3) (G.S.I. No.11 P/57) | | | |
| | 436.00 Sft. | @Rs: 607.53 | P%Sft. | Rs: 2649 |

Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq: bars 4" Center to center with locking arrangement (G.S.I. No.11 P/97)	28.00 Sft.	@Rs: 385.76	P/Sft.	Rs: 10801	
14 Supplying and fixing Z section window 3/4" x 3/4" x 3/4" and partly fixed i/c designed along with fitting particulars and approved with 3 coats of glass painting. Etc complete (R.A Approved)	36.00 Sft.	@Rs: 90.15	P/Sft.	Rs: 3245	
15 Supplying and fixing in position iron steel grill of 3/4" x 1/4" size flat iron of approved design i/c painting 03 coats etc complete (weight not to be less than 3 Lbs/sq: foot of finished grill) (G.S.I. NO.26 P/97)	36.00 Sft.	@Rs: 115.47	P/Sft.	Rs: 4155	
16 PAINTING NEW SURFACE					
Preparing surface and painting of door and window any type i/c Edges 3 coats (G.S.I. No.5 P/6)	56.00 Sft.	@Rs: 978.95	P/Sft.	Rs: 548	
17 White washing of three coats (G.S.I. No.26 P/55)	Qty: of item No.	174.00 Sft.	@Rs: 115.18	P/Sft.	Rs: 200
18 White washing of One coat (G.S.I. No.26 P/55)	812.00 Sft.	@Rs: 60.32	P/Sft.	Rs: 490	
19 Color Washing (2 coats) (G.S.I.No:24, P/60).	812.00 Sft.	@Rs: 103.79	P/Sft.	Rs: 843	
20 Providing and fixing C.I manhole cover with framme i/c cost of material etc:)P.H.S.I-1, P-23)	1.75 Cwt.	@Rs: 1954.70	P/Cwt.	Rs: 3421	
21 Supplying R.S.J channel section 8"x4" Girders. (Sch: of Sant: 1-141, P-6)	1.44 Cwt.	@Rs: 2200.00	P/Cwt.	Rs: 3168	
			Total.	Rs: 88697	
Cost for	1	Nos:		Rs: 88697	

PUMPING MACHINERY

1 Providing Installing and testing in poition i/c tranportation HMA . stainless steel deep well turbine pump type BP 17-6 + 7.50 BHP siemens motor (3x400 V, 50 HZ, 2900 RPM) with suction discharge top set 3" dia x 01 No: pump head 3" outlet with mechanical seal, bowl assembly, suction pipe 1.6m 3" dia, column pipe assembly 3" dia x 6 Nos: capable given discharge 60 GPM against the head of 150 ft and pump setting depth 65 ft i/c C.C foundation, earthing Attached) set with 0.6mx0.6mx3.6mm (2"x2"x1/4") G.I plate burried in the ground at the depth of 3.7m or 12 ft as per PWD specification and providing f ixing motor control unit consisting metallic box, circuit breaker, amper meter, volt meter, magnatic contractor, on/off switch, electronic over current relay and indications lamps i/c providing internal electric wiring for main and testing the pumping set against 72 hours etc: complete (Approved R.A)	1.00 Set	@Rs: 631570	P/Set.	Rs: 631570
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Providing Laying G.I Pipe and clamps etc: i/c fixing cutting and fitting complete i/c the cost of breaking through walls and making good etc: painting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft and handling (Approved rate) for delivery line 3" dia.

	20.00 Rft.	@Rs: 309.75	P/Rft.	Rs: 6195
3	Manufacturing and supplying M.S flanged of different clamps made out of M.S sheet of various thickness i/c cutting drilling holes and welding clamps with M.S pipes etc complete (P.H.S.I-1, P-32).			
	7.64 Kg.	@Rs: 111.3	P/Kg.	Rs: 850
4	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)			
	0.14 Cwt.	@Rs: 2032	P/Cwt.	Rs: 284
5	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)			
	0.28 Cwt.	@Rs: 2032	P/Cwt.	Rs: 569
6	Reflex valve heavy pattern test pressure 21 kg /sq. cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)			
	1.00 Nos:	@Rs: 600	Each.	Rs: 600
7	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specifies pressure etc complete (P.H.S I No 1 P/ 35)			
	8.00 Nos:	@Rs: 193.55	P/Joint.	Rs: <u>1547</u> Rs: 641616
Cost for	1	Nos:		Rs: 641616

PVC PIPE LINE

1	Excavation for pipe line entrenches and pits in soft soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint hoes and disposal of surplus earth within a one chain as directed by engineer in charge providing fence guards light fags and temporary crossing for non vehicular traffic where ever required lift up 5 ft lead u (1.52 m) and lead up to one chain (30.5 m) (P.H.S.I- 3 P- 46)			
	88550 Cft	@Rs 1742.40	P%0Cft	Rs 154290
2	Providing PVC pipes of Class "B" (equivalent make) make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring I/c testing with water to head 61 meter or 200 ft(R.A approved attached)			
	3" dia	3150 Rft.	@Rs 76.91	P-Rft
	4" dia	9500 Rft.	@Rs 115.87	P-Rft
				Rs. 242267 Rs 1100765
3	Special Cast iron fitting for P.V.C pipe (P.H.S.(M) I- 1 P- 29)			
	TEE WITH FLANGE			
	3" dia	3 Nos:	@Rs 785.00	Each
	4" dia	2 Nos:	@Rs 985.00	Each
				Rs 2355 Rs 1970
	BEND WITH FLANGE			
	3" dia	4 Nos:	@Rs 550.00	Each
	4" dia	4 Nos:	@Rs 950.00	Each
				Rs 2200 Rs 3800

Fire Hydrant Tee 4" dia	2 Nos:	@Rs 475.00	Each	Rs 950
Gate Valve 3" dia	1 Nos:	@Rs 850.00	Each	Rs 850
4" dia	1 Nos:	@Rs: 1200.00	Each	Rs: 1200
End Plugg. 3" dia	3 Nos:	@Rs: 160.00	Each	Rs: 480
4" dia	1 Nos:	@Rs: 275.00	Each	Rs: 275
TAIL PIECE 3" dia	22 Nos:	@Rs 300.00	Each	Rs 6600
4" dia	16 Nos:	@Rs 375.00	Each	Rs 6000
Gibulat Joint 3" dia	22 Nos:	@Rs 275.00	Each	Rs 6050
4" dia	16 Nos:	@Rs 300.00	Each	Rs 4800
4 Supplying Air valve double acting 3"x1" (S.M.- I - 8 P- 11)	2 Nos:	@Rs 1700.00	Each	Rs 3400
5 Providing installaing G.I Pipe. (R.approved in W/S/Sch: Qazi Arif)	40.00 Rft	@Rs 439.24	P-Rft	Rs 17570
4" dia				
6 Manufacturing supplying M.S flanges (Approved rate). correct curvatures and shape I/c welding etc: complete (Approved rate).	8.00 Nos:	@Rs: 550.52	Each	Rs: 4404
4" dia				
7 Jointing C.I /M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S- I-1 P-35)	22 Joints.	@Rs 193.55	P-Joint	Rs 4258
3" dia	20 Joints.	@Rs 197.45	P-Joint	Rs 3949
4" dia				
8 Providing chamber 21/2x21/2 (750x750 mm) inside dimension 41/2' (1372 mm) deep as per approved design for sluice value 3" to 12" dia wit 18" (457 mm) dia inside cost iron cover and frame (wt= 1 cwt qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" 12.5 mm) thick 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 21/2 ft depth curing excavation back f illing and disposal of surplus earth etc complete (P.H.S- I-1 P-40)	4 Nos:	@Rs 6769.20	Each	Rs 27077
9 Refilling the excavated stuff in trenches 6" thick Layer i/c watering ramming to fu compaction etc complete (P.H.S- I-24 P-53)	79695 Cft	@Rs 1343.00	P%0Cft	Rs 107030
10 Const: of inauguration ceremony marble stone size 3'x2-1/2' for development work (Approved rate)	1 Job	@Rs 6440.00	P/Job.	Rs 6440 Rs 1708979
Cost for	1 Nos:			Rs: 1708979

CONSTRUCTION OF L. S. R.

1	Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	192.14 Cft.	@Rs: 1306.80	P%0Cft.	Rs: 251
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:2:4).(G.S.I-5 P/17)	85.87 Cft.	@Rs: 5941.10	P%Cft.	Rs: 5101
3	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:4:8).(G.S.I-5 P/17)	113.82 Cft.	@Rs: 4319.70	P%Cft.	Rs: 4917
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6)(G.S.I No. 4 P/ 24)	183.76 Cft.	@Rs: 3865.15	P%Cft.	Rs: 7102
5	Filling watering ramming earth under floor with surplus excavated earth from out side lead upto one chain and lift upto 5ft (G.S.I-21, P-5).	45.70 Cft.	@Rs: 641.30	P%0Cft.	Rs: 29
6	Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/57)	345.63 Sft.	@Rs: 572.77	P%Sft.	Rs: 1980
7	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I-6 P/17)	230.40 Cft.	@Rs: 114.00	P/Cft.	Rs: 26266
8	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I-7 (ii) (a) P/19)	11.31 Cwt.	@Rs: 2772.55	P/Cwt.	Rs: 31358
9	Cement plaster (1:4) up to 20'height 3/4"thick (G.S.I-11/ P/57)	489.84 Sft.	@Rs: 779.96	P%Sft.	Rs: 3821
10	Supply of Dampo (sch: of Mat: I- 46, P-4).	9.77 Lbs.	@Rs: 27.27	P/Lb.	Rs: 266
11	Providing G.I standared approved quality test pressure 200 ft. (Approved rate).	32.75 Rft.	@Rs: 309.75	P/Rft.	Rs: 10144
	3" dia.	10.50 Rft.	@Rs: 61.73	P/Rft.	Rs: 648
	3/4" dia.				
12	Supplying and fixing bress bib cock light pattern (sch: of Sant: I-13, P-18).	7.00 Nos:	@Rs: 80.95	Each.	Rs: 567
	3/4" dia.				

- Manufacturing and installing M.S machined flanged made out of M.S sheet 3/8" thick i/c cutting fitting drilling holes and welding with pipes P.H.S.(M).I-1, P32).
- 3" dia. 26.74 Kg. @Rs: 111.30 P/Kg. Rs: 2976
- Painting of G.I ipes with 2 coats zine paint for internal fitting . (Sant: Sch: I-3, P-12).
3" dia. 32.75 Rft. @Rs: 4.20 P/Rft. Rs: 138
- 15 C.I Bend with flanged ends with holes i/c turning facing flanged for all size (P.H.S.(M).I-8, P-11).
0.57 Cwt. @Rs: 2032.00 P/Cwt. Rs: 1158
- 16 Cost iron specials for A.C pressure pipes of class B ACIL (PHS(M)I-VII, P-15).
3" dia. 1.00 Nos: @Rs: 300.00 Each. Rs: 300
- 17 Jointing C.I/M.S flanged pipes and specials flanged and inside trenches i/c supplyng rubber packing of the required thickness nuts bolts with washers and tools required for jointing and testing the joints specified pressure etc: (P.H.S.I-1, P-35).
3" dia. 7.00 Joints @Rs: 193.55 P/Jopint Rs: 1357
- 18 P/F Main holes covers i/c frames i/c cost of material etc: complete (P.H.S.I-1, P/23).
1.00 Cwt. @Rs: 1954.70 P/Cwt. Rs: 1955
- 19 C.I Shuice valve heavy patter test pressure 21 Kg/sq: cm or 300 lbs/sq: inch. (P.H.S.(M).I-12, P-2).
3" dia. 1.00 Nos: @Rs: 850.00 Each. Rs: 850
- 20 P/F C.I Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc: complete. (P.H.S.I-4, P-48).
1.00 Nos: @Rs: 1884.45 Each. Rs: 1884
Ttotal. Rs: 103066
- Cost for 2 Nos: Rs: 206132

ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
TUBE WELL.	103607	24104	127711
CONSTRUCTION OF PUMP HOUSE.	85452	3245	88697
PUMPING MACHINERY	3851	637765	641616
PVC PIPE LINE	337534	1371445	1708979
CONSTRUCTION OF L. S. R.	184547	21585	206132
Total	714991	2058145	2773136

Item.	Qty:	Rate.	Unit.	Amount.
WATER SUPPLY SCHEME VILLAGE BADANI TALUKA DADU				
TUBE WELL.				
Boring of Tube Well in all water bearing soil from ground level up to 100 ft or 30.5 m depth i/c sinking and with drawing and casing pipes (P.H.I.S No 1 P/ 36)				
12: dia	100.00 Rft	@Rs 463.35	P-Rft	Rs 46335
2 Providing strong substanfily built wooden locked with compartment for preserving 2 lbs (1K.g) samples startes (P.H.S.I No 5 P/ 36)				
	1.00 Nos	@Rs 1650.40	Each	Rs 1650
3 Taking & Preserving inbox 2 lbs (1 K.g) sample of strata from boar holes etc (P.H.S.I No. 6 P/ 36)				
	4.00 Samples	@Rs 150.00	P/Sample	Rs 600
4 Taking samples of water from bore holes and place in two separate bottles (P.H.S.I.No 7 P/ 37)				
	4.00 Samples	@Rs 165.00	P/Sample	Rs 660
5 Supplying & Instaling PVC blind Pipe "B" class of approved designed quality and make i/c necessary socket etc complete (P.H.S.I-12, P-37)				
8" dia	55.00 Rft	@Rs 432.75	P-Rft	Rs 23801
6 Supplying & Instaling PVC strainer Pipe "B" class of approved designed quality i/c necessary socket etc Complete (P.H.S.I-12, P-37)				
8" dia	45.00 Rft	@Rs 515.25	P-Rft	Rs 23185
7 M.S bail plugged of approved quality 5' long (P.H.S. (M) I No. 38 P/ 26)				
8" dia	1.00 No:	@Rs 1025.00	Each	Rs 1025
8 Shrouding with Graded bajri (3/8" to 1/8") or 9 to 3mm bitumen bore an plind pipe (P.H.S.I No 13 P/ 38)				
8" dia	100.00 Rft	@Rs 63.50	P-Rft	Rs 6350
9 Supplying & Installing well head casing and security cap (R.A approved)				
8" dia	1.00 No	@Rs 2700.00	P-Each	Rs 2700
10 Development charges of Tube well(Non Sch: Item)				
	24.00 Hours	@Rs 832.50	P-Hour	Rs 19980
11 Disinfect well. (Non Sch: Item)				
8" dia	1.00 No	@Rs 500.00	P-Each	Rs 500
12 Construct concrete class "B" plinth around well head casing etc. (Non Sch: item)				
8" dia	1.00 No	@Rs 924.00	P-Each	Rs 924
			Total	Rs: 127711
Cost for	1 Nos:			Rs: 127711

CONSTRUCTION OF PUMP HOUSE.

- 1 Excavation in foundation of building bridges and other structures.
i/c dag belling dressing refilling around the structures with excavated
Earth watering ramming lead up to one chain and lift up to 5' (G.S.I. No. 18 P/ 04)
195.50 Cft. @Rs: 1306.80 P%0Cft. Rs: 255
- 2 Cement concrete brick or stone ballast 1 1/2" to 2" gauge.
(Ratio 1:4:8) (G.S.I No. 4 P/ 17)
88.84 Cft. @Rs: 3584.10 P%Cft. Rs: 3184
- 3 Cement concrete plain i/c placing compacting finishing and
curing complete i/c screening and washing of stone aggregate
without shuttering (Ratio 1:3:6) (G.S.I.No 5 P/ 18)
246.75 Cft. @Rs: 5001.70 P%Cft. Rs: 12342
- 4 Erection and removal of centering for R.C.C or plain C.C Work
of deodar Wood 1st class(vertical). (G.S.I.No. 18 P/ 19)
329.00 Sft. @Rs: 1405.75 P%Sft. Rs: 4625
- 5 Filling Watering and ramming earth in floor with surplus earth excavated from
foundation lead upto 1 chain and lift upto 5' (G.S.I No 21 P- 18)
95.74 Cft. @Rs: 641.30 P%0Cft. Rs: 61
- 6 pacca brick work in ground floor cement, sand, mortar (1:6)
(G.S.I. No 5 P/ 22)
320.62 Cft. @Rs: 4246.30 P%Cft. Rs: 13614
- 7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for b/b which will be paid separately.
This rate also i/c all kinds of forms moulds lifting, shutting, curing,
rendering and finishing the exposed surface (i/c s/w of shingle) (a) R.C work in
roof slab beams columns rafts lintels and other structural members laid in
situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs
cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I No. 6 p/ 49).
83.80 Cft. @Rs: 114.00 P/Cft. Rs: 9553
- 8 Fabrication of mild steel reinforcement for C.C i/c cutting, bending,
laying in position making joints and fastening i/c cost of binding wire
(also i/c removal of rust from bars). (G.S.I No 7 p/ 20)
3.37 Cwt. @Rs: 2772.55 P/Cwt. Rs: 9343
- 9 Providing and laying 3" thick to toping Cement Concrete (1:2:4) i/c surface,
finishing and dividing in to panel (GSI No. 16 P/46)
120.00 Sft. @Rs: 1820.23 P%Sft. Rs: 2184
- 10 Cement, Plaster (1:6) up to 20' height 1/2" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 531.41 P%Sft. Rs: 1998
- 11 Cement, Plaster (1:4) up to 20' height 3/8" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 536.14 P%Sft. Rs: 2016
- 12 Cement, Pointing struck joint on walls (1:3) (G.S.I. No.11 P/57)
436.00 Sft. @Rs: 607.53 P%Sft. Rs: 2649

Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq: bars 4" Center to center with locking arrangement (G.S.I. No.11 P/97)	28.00 Sft.	@Rs: 385.76	P/Sft.	Rs: 10801
Supplying and fixing Z section window 3/4" x 3/4" x 3/4" and partly fixed i/c designed along with fitting particulars and approved with 3 coats of glass painting. Etc complete (R.A Approved)	36.00 Sft.	@Rs: 90.15	P/Sft.	Rs: 3245
15 Supplying and fixing in position iron steel grill of 3/4" x 1/2" size flat iron of approved design i/c painting 03 coats etc complete (weight not to be less than 3 Lbs/sq: foot of finished grill) (G.S.I. NO.26 P/97)	36.00 Sft.	@Rs: 115.47	P/Sft.	Rs: 4155
16 PAINTING NEW SURFACE				
Preparing surface and painting of door and window any type i/c Edges 3 coats (G.S.I. No.5 P/6)	56.00 Sft.	@Rs: 978.95	P/Sft.	Rs: 548
17 White washing of three coats (G.S.I. No.26 P/55) Qty: of item No.	174.00 Sft.	@Rs: 115.18	P/Sft.	Rs: 200
18 White washing of One coat (G.S.I. No.26 P/55)	812.00 Sft.	@Rs: 60.32	P/Sft.	Rs: 490
19 Color Washing (2 coats) (G.S.I.No:24, P/60).	812.00 Sft.	@Rs: 103.79	P/Sft.	Rs: 843
20 Providing and fixing C.I manhole cover with framme i/c cost of material etc:)P.H.S.I-1, P-23)	1.75 Cwt.	@Rs: 1954.70	P/Cwt.	Rs: 3421
21 Supplying R.S.J channel section 8"x4" Girders. (Sch: of Sant: I-141, P-6)	1.44 Cwt.	@Rs: 2200.00	P/Cwt.	Rs: 3168
			Total.	Rs: 88697
Cost for	1	Nos:		Rs: 88697

PUMPING MACHINERY

1) Providing Installing and testing in poition i/c tranportation HMA . stainless steel deep well turbine pump type BP 17-6 + 7.50 BHP siemens motor (3x400 V, 50 HZ, 2900 RPM) with suction discharge top set 3" dia x 01 No: pump head 3" outlet with mechanical seal, bowl assembly, suction pipe 1.6m 3" dia, column pipe assembly 3" dia x 6 Nos: capable given discharge 60 GPM against the head of 150 ft and pump setting depth 65 ft i/c C.C foundation, earthing Attached) set with 0.6mx0.6mx3.6mm (2"x2"x1/4") G.I plate buried in the ground at the depth of 3.7m or 12 ft as per PWD specification and providing f ixing motor control unit consisting metallic box, circuit breaker, amper meter, volt meter, magnatic contractor, on/off switch, electronic over current relay and indications lamps i/c providing internal electric wiring for main and testing the pumping set against 72 hours etc: complete (Approved R.A)	1.00 Set	@Rs: 631570	P/Set.	Rs: 631570
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Providing Laying G.I Pipe and clamps etc: i/c fixing cutting and fitting complete i/c the cost of breaking through walls and making good etc: painting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft and handling (Approved rate) for delivery line 3" dia.	20.00 Rft.	@Rs: 309.75	P/Rft.	Rs: 6195
1 Manufacturing and supplying M.S flanged of different clamps made out of M.S sheet of various thickness i/c cutting drilling holes and welding clamps with M.S pipes etc complete (P.H.S.I-1, P-32).	7.64 Kg.	@Rs: 111.3	P/Kg.	Rs: 850
4 C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)	0.14 Cwt.	@Rs: 2032	P/Cwt.	Rs: 284
5 C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)	0.28 Cwt.	@Rs: 2032	P/Cwt.	Rs: 569
6 Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11) 3" dia.	1.00 Nos:	@Rs: 600	Each.	Rs: 600
7 Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specifics pressure etc complete (P.H.S I No 1 P/ 35) 3" dia.	8.00 Nos:	@Rs: 193.55	P/Joint.	Rs: 1547 Rs: 641616
Cost for	1	Nos:		Rs: 641616

PVC PIPE LINE

1 Excavation for pipe line entrenches and pits in soft soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint hoes and disposal of surplus earth within a one chain as directed by engineer in charge providing fence guards light fags and temporary crossing for non vehicular traffic where ever required lift up 5 ft lead u (1.52 m) and lead up to one chain (30.5 m) (P.H.S.I- 3 P- 46)	126000 Cft	@Rs 1742.40	P%0Cft	Rs 219542
2 Providing PVC pipes of Class "B" (equivalent make) make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring i/c testing with water to head 61 meter or 200 ft(R.A approved attached)	3" dia 4" dia	4000 Rft. 14000 Rft.	@Rs 76.91 @Rs 115.87	P-Rft P-Rft Rs 307640 Rs 1622180
3 Special Cast iron fitting for P.V.C pipe (P.H.S.(M) I- 1 P- 29)				
TEE WITH FLANGE				
3" dia	3 Nos:	@Rs 785.00	Each	Rs 2355
4" dia	4 Nos:	@Rs 985.00	Each	Rs 3940
BEND WITH FLANGE				
3" dia	4 Nos:	@Rs 550.00	Each	Rs 2200
4" dia	8 Nos:	@Rs 950.00	Each	Rs 7600

Fire Hydrant Tee					
4" dia	6 Nos:	@Rs 475.00	Each	Rs 2850	
Gate Valve					
3" dia	1 Nos:	@Rs 850.00	Each	Rs 850	
4" dia	2 Nos:	@Rs: 1200.00	Each	Rs: 2400	
End Plugg.					
3" dia	3 Nos:	@Rs: 160.00	Each	Rs: 480	
4" dia	1 Nos:	@Rs: 275.00	Each	Rs: 275	
TAIL PIECE					
3" dia	22 Nos:	@Rs 300.00	Each	Rs 6600	
4" dia	30 Nos:	@Rs 375.00	Each	Rs 11250	
Gibulat Joint					
3" dia	22 Nos:	@Rs 275.00	Each	Rs 6050	
4" dia	30 Nos:	@Rs 300.00	Each	Rs 9000	
4 Supplying Air valve double acting 3"x1" (S.M.- I - 8 P- 11)					
	6 Nos:	@Rs 1700.00	Each	Rs 10200	
5 Providing installaing G.I Pipe. (R.approved in W/S/Sch: Qazi Arif)					
4" dia	40.00 Rft	@Rs 439.24	P-Rft	Rs 17570	
6 Manufacturing supplying M.S flanges (Approved rate). correct curvatures and shape i/c welding etc: complete (Approved rate).					
4"dia	8.00 Nos:	@Rs: 550.52	Each	Rs: 4404	
7 Jointing C.I /M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S- I-1 P-35)					
3"dia	22 Joints.	@Rs 193.55	P-Joint	Rs 4258	
4"dia	34 Joints.	@Rs 197.45	P-Joint	Rs 6713	
8 Providing chamber 21/2x21/2 (750x750 mm) inside dimension 41/2' (1372 mm) deep as per approved design for sluice valve 3" to 12" dia wit 18" (457 mm) dia inside cast iron cover and frame (wt= 1 cwt qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" 12.5 mm) thick 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 21/2 ft depth curing excavation back filling and disposal of surplus earth etc complete (P.H.S- I-1 P-40)					
	9 Nos:	@Rs 6769.20	Each	Rs 60923	
9 Refilling the excavated stuff in trenches 6" thick Layer i/c watering ramming to full compaction etc complete (P.H.S- I-24 P-53)					
	113400 Cft	@Rs 1343.00	P%0Cft	Rs 152296	
10 Const: of inauguration ceremony marble stone size 3'x2-1/2' for development work (Approved rate)					
	1 Job	@Rs 6440.00	P/Job.	Rs 6440	
				Rs 2468017	
Cost for	1 Nos:			Rs: 2468017	

CONSTRUCTION OF L. S. R.

	Excavation in foundation of building bridges and other structures to dig billing dressing refilling around the structures with excavated earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)	192.14 Cft.	@Rs: 1306.80	P%0Cft.	Rs: 251
	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:2:4).(G.S.I-5 P/17)	85.87 Cft.	@Rs: 5941.10	P%0Cft.	Rs: 5101
	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:4:8).(G.S.I-5 P/17)	113.82 Cft.	@Rs: 4319.70	P%0Cft.	Rs: 4917
4	Pacca brick work in foundation and plinth in cement sand mortar(1:6)(G.S.I No. 4 P/ 24)	183.76 Cft.	@Rs: 3865.15	P%0Cft.	Rs: 7102
5	Filling watering ramming earth under floor with surplus excavated earth from out side lead upto one chain and lift upto 5ft (G.S.I-21, P-5).	45.70 Cft.	@Rs: 641.30	P%0Cft.	Rs: 29
6	Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/57)	345.63 Sft.	@Rs: 572.77	P%0Sft.	Rs: 1980
7	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I-6 P/17)	230.40 Cft.	@Rs: 114.00	P/Cft.	Rs: 26266
8	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I-7 (ii) (a) P/19)	11.31 Cwt.	@Rs: 2772.55	P/Cwt.	Rs: 31358
9	Cement plaster (1:4) up to 20'height 3/4"thick (G.S.I-11/ P/57)	489.84 Sft.	@Rs: 779.96	P%0Sft.	Rs: 3821
10	Supply of Dampo (sch: of Mat: I- 46, P-4).	9.77 Lbs.	@Rs: 27.27	P/Lb.	Rs: 266
11	Providing G.I standered approved quality test pressure 200 ft. (Approved rate).	32.75 Rft. 10.50 Rft.	@Rs: 309.75 @Rs: 61.73	P/Rft. P/Rft.	Rs: 10144 Rs: 648
12	Supplying and fixing bress bib cock light pattern (sch: of Sant: I-13, P-18). 3/4" dia.	7.00 Nos:	@Rs: 80.95	Each.	Rs: 567

- Manufacturing and installing M.S machined flanged made out of M.S sheet 3/8" thick i/c cutting fitting drilling holes and welding with pipes P.H.S.(M).I-1, P32).
- 3" dia. 26.74 Kg. @Rs: 111.30 P/Kg. Rs: 2976
- 1 Painting of G.I ipes with 2 coats zine paint for internal fitting . (Sant: Sch: I-3, P-12).
3" dia. 32.75 Rft. @Rs: 4.20 P/Rft. Rs: 138
- 5 C.I Bend with flanged ends with holes i/c turning facing flanged for all size (P.H.S.(M).I-8, P-11).
0.57 Cwt. @Rs: 2032.00 P/Cwt. Rs: 1158
- 16 Cost iron specials for A.C pressure pipes of class B ACIL (PHS(M)I-VII, P-15).
3" dia. 1.00 Nos: @Rs: 300.00 Each. Rs: 300
- 17 Jointing C.I/M.S flanged pipes and specials flanged and inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers and tools required for jointing and testing the joints specified pressure etc: (P.H.S.I-1, P-35).
3" dia. 7.00 Joints @Rs: 193.55 P/Jopint Rs: 1357
- 18 P/F Main holes covers i/c frames i/c cost of material etc: complete (P.H.S.I-1, P/23).
1.00 Cwt. @Rs: 1954.70 P/Cwt. Rs: 1955
- 19 C.I Sluice valve heavy patter test pressure 21 Kg/sq: cm or 300 lbs/sq: inch. (P.H.S.(M).I-12, P-2).
3" dia. 1.00 Nos: @Rs: 850.00 Each. Rs: 850
- 20 P/F C.I Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc: complete. (P.H.S.I-4, P-48).
1.00 Nos: @Rs: 1884.45 Each. Rs: 1884
Total. Rs: 103066
- Cost for 3 Nos: Rs: 309199

ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
TUBE WELL.	103607	24104	127711
CONSTRUCTION OF PUMP HOUSE.	85452	3245	88697
PUMPING MACHINARY	3851	637765	641616
PVC PIPE LINE	509783	1958234	2468017
CONSTRUCTION OF L . S . R.	276821	32377	309199
Total	979514	2655726	3635240

Item.	Qty:	Rate.	Unit.	Amount.		
WATER SUPPLY SCHEME VILLAGE SAHIB KHAN LAHBAR TALUKA DADU						
TUBE WELL.						
Boring of Tube Well in all water bearing soil from ground level up to 100 ft or 30.5 m depth i/c sinking and with drawing and casing pipes (P.H.I.S No 1 P/ 36)						
12: dia	100.00 Rft	@Rs 463.35	P-Rft	Rs 46335		
2	Providing strong substantially built wooden locked with compartment for preserving 2 lbs (1K.g) samples startes (P.H.S.I No 5 P/ 36)	1.00 Nos	@Rs 1650.40	Each	Rs 1650	
3	Taking & Preserving inbox 2 lbs (1 K.g) sample of strata from boar holes etc (P.H.S.I No. 6 P/ 36)	4.00 Samples	@Rs 150.00	P/Sample	Rs 600	
4	Taking samples of water from bore holes and place in two separate bottles (P.H.S.I.No 7 P/ 37)	4.00 Samples	@Rs 165.00	P/Sample	Rs 660	
5	Supplying & Instaling PVC blind Pipe "B" class of approved designed quality and make i/c necessary socket etc complete (P.H.S.I-12, P-37)	8" dia	55.00 Rft	@Rs 432.75	P-Rft	Rs 23801
6	Supplying & Instaling PVC strainer Pipe "B" class of approved designed quality i/c necessary socket etc Complete (P.H.S.I-12, P-37)	8" dia	45.00 Rft	@Rs 515.25	P-Rft	Rs 23185
7	M.S bail plugged of approved quality 5' long (P.H.S. (M) I No. 38 P/ 26)	8" dia	1.00 No:	@Rs 1025.00	Each	Rs 1025
8	Shrouding with Graded bajri (3/8" to 1/8") or 9 to 3mm bitumen bore an plind pipe (P.H.S.I No 13 P/ 38)	8" dia	100.00 Rft	@Rs 63.50	P-Rft	Rs 6350
9	Supplying & Installing well head casing and security cap (R.A approved)	8" dia	1.00 No	@Rs 2700.00	P-Each	Rs 2700
10	Development charges of Tube well(Non Sch: Item)	24.00 Hours	@Rs 832.50	P-Hour	Rs 19980	
11	Disinfect well. (Non Sch: Item)	8" dia	1.00 No	@Rs 500.00	P-Each	Rs 500
12	Construct concrete class "B" plinth around well head casing etc. (Non Sch: item)	8" dia	1.00 No	@Rs 924.00	P-Each	Rs 924
				Total	Rs: 127711	
Cost for	1 Nos:				Rs: 127711	

CONSTRUCTION OF PUMP HOUSE.

- 1 Excavation in foundation of building bridges and other structures.
i/c dag belling dressing refilling around the structures with excavated
Earth watering ramming lead up to one chain and lift up to 5' (G.S.I. No. 18 P/ 04)
195.50 Cft. @Rs: 1306.80 P%0Cft. Rs: 255
- 2 Cement concrete brick or stone ballast 1 1/2" to 2" gauge.
(Ratio 1:4:8) (G.S.I No. 4 P/ 17)
88.84 Cft. @Rs: 3584.10 P%Cft. Rs: 3184
- 3 Cement concrete plain i/c placing compacting finishing and
curing complete i/c screening and washing of stone aggregate
without shuttering (Ratio 1:3:6) (G.S.I.No 5 P/ 18)
246.75 Cft. @Rs: 5001.70 P%Cft. Rs: 12342
- 4 Erection and removal of centering for R.C.C or plain C.C Work
of deodar Wood 1st class(vertical). (G.S.I.No. 18 P/ 19)
329.00 Sft. @Rs: 1405.75 P%Sft. Rs: 4625
- 5 Filling Watering and ramming earth in floor with surplus earth excavated from
foundation lead upto 1 chain and lift upto 5' (G.S.I No 21 P- 18)
95.74 Cft. @Rs: 641.30 P%0Cft. Rs: 61
- 6 pacca brick work in ground floor cement, sand, mortar (1:6)
(G.S.I. No 5 P/ 22)
320.62 Cft. @Rs: 4246.30 P%Cft. Rs: 13614
- 7 R.C.C work i/c all labour and material except the cost of steel
reinforcement and its labour for b/b which will be paid separately.
This rate also i/c all kinds of forms moulds lifting, shutting, curing,
rendering and finishing the exposed surface (i/c s/w of shingle) (a) R.C work in
roof slab beams columns rafts lintels and other structural members laid in
situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs
cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I No. 6 p/ 49).
83.80 Cft. @Rs: 114.00 P/Cft. Rs: 9553
- 8 Fabrication of mild steel reinforcement for C.C i/c cutting, bending,
laying in position making joints and fastening i/c cost of binding wire
(also i/c removal of rust from bars).(G.S.I No 7 p/ 20)
3.37 Cwt. @Rs: 2772.55 P/Cwt. Rs: 9343
- 9 Providing and laying 3" thick to toping Cement Concrete (1:2:4) i/c surface,
finishing and dividing in to panel (GSI No. 16 P/46)
120.00 Sft. @Rs: 1820.23 P%Sft. Rs: 2184
- 10 Cement, Plaster (1:6) up to 20' height 1/2" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 531.41 P%Sft. Rs: 1998
- 11 Cement, Plaster (1:4) up to 20' height 3/8" thick (G.S.I. No.11 P/58)
376.00 Sft. @Rs: 536.14 P%Sft. Rs: 2016
- 12 Cement, Pointing struck joint on walls (1:3) (G.S.I. No.11 P/57)
436.00 Sft. @Rs: 607.53 P%Sft. Rs: 2649

3 Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq: bars 4" Center to center with locking arrangement (G.S.I. No.11 P/97)
28.00 Sft. @Rs: 385.76 P/Sft. Rs: 10801

14 Supplying and fixing Z section window 3/4" x 3/4" x 3/4" and partly fixed i/c designed along with fitting particulars and approved with 3 coats of glass painting. Etc complete (R.A Approved)
36.00 Sft. @Rs: 90.15 P/Sft. Rs: 3245

15 Supplying and fixing in position iron steel grill of 3/4" x 1/4" size flat iron of approved design i/c painting 03 coats etc complete (weight not to be less than 3 Lbs/sq: foot of finished grill) (G.S.I. NO.26 P/97)
36.00 Sft. @Rs: 115.47 P/Sft. Rs: 4155

16 PAINTING NEW SURFACE

Preparing surface and painting of door and window any type i/c Edges 3 coats (G.S.I. No.5 P/6)

56.00 Sft. @Rs: 978.95 P/Sft. Rs: 548

17 White washing of three coats (G.S.I. No.26 P/55)

Qty: of item No.

174.00 Sft. @Rs: 115.18 P/Sft. Rs: 200

18 White washing of One coat (G.S.I. No.26 P/55)

812.00 Sft. @Rs: 60.32 P/Sft. Rs: 490

19 Color Washing (2 coats) (G.S.I.No:24, P/60).

812.00 Sft. @Rs: 103.79 P/Sft. Rs: 843

20 Providing and fixing C.I manhole cover with framme i/c cost of material etc:)P.H.S.I-1, P-23)

1.75 Cwt. @Rs: 1954.70 P/Cwt. Rs: 3421

21 Supplying R.S.J channel section 8"x4" Girders. (Sch: of Sant: I-141, P-6)

1.44 Cwt. @Rs: 2200.00 P/Cwt. Rs: 3168
Total. Rs: 88697

Cost for 1 Nos: Rs: 88697

PUMPING MACHINERY

1 Providing Installing and testing in poition i/c tranportation HMA . stainless steel deep well turbine pump type BP 17-6 + 7.50 BHP siemens motor (3x400 V, 50 HZ, 2900 RPM) with suction discharge top set 3" dia x 01 No: pump head 3" outlet with mechanical seal, bowl assembly, suction pipe 1.6m 3" dia, column pipe assembly 3" dia x 6 Nos: capable given discharge 60 GPM against the head of 150 ft and pump setting depth 65 ft i/c C.C foundation, earthing Attached) set with 0.6mx0.6mx3.6mm (2"x2"x1/4") G.I plate buried in the ground at the depth of 3.7m or 12 ft as per PWD specification and providing f ixing motor control unit consisting metallic box, circuit breaker, amper meter, volt meter, magnatic contractor, on/off switch, electronic over current relay and indications lamps i/c providing internal electric wiring for main and testing the pumping set against 72 hours etc: complete (Approved R.A)

1.00 Set @Rs: 631570 P/Set. Rs: 631570

Fire Hydrant Tee 4" dia	2 Nos:	@Rs 475.00	Each	Rs 950
Gate Valve 3" dia	1 Nos:	@Rs 850.00	Each	Rs 850
4" dia	1 Nos:	@Rs: 1200.00	Each	Rs: 1200
End Plugg. 3" dia	3 Nos:	@Rs: 160.00	Each	Rs: 480
4" dia	1 Nos:	@Rs: 275.00	Each	Rs: 275
TAIL PIECE 3" dia	22 Nos:	@Rs 300.00	Each	Rs 6600
4" dia	16 Nos:	@Rs 375.00	Each	Rs 6000
Gibulat Joint 3" dia	22 Nos:	@Rs 275.00	Each	Rs 6050
4" dia	16 Nos:	@Rs 300.00	Each	Rs 4800
4 Supplying Air valve double acting 3"x1" (S.M.- I - 8 P- 11)	2 Nos:	@Rs 1700.00	Each	Rs 3400
5 Providing installaing G.I Pipe. (R.approved in W/S/Sch: Qazi Arif)	40.00 Rft	@Rs 439.24	P-Rft	Rs 17570
4" dia				
6 Manufacturing supplying M.S flanges (Approved rate). correct curvatures and shape i/c welding etc: complete (Approved rate).	8.00 Nos:	@Rs: 550.52	Each	Rs: 4404
4" dia				
7 Jointing C.I /M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete (P.H.S- I-1 P-35)	22 Joints.	@Rs 193.55	P-Joint	Rs 4258
3" dia	20 Joints.	@Rs 197.45	P-Joint	Rs 3949
4" dia				
8 Providing chamber 21/2x21/2 (750x750 mm) inside dimension 41/2' (1372 mm) deep as per approved design for sluice valve 3" to 12" dia wit 18" (457 mm) dia inside cost iron cover and frame (wt= 1 cwt qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" 12.5 mm) thick 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 21/2 ft depth curing excavation back f illing and disposal of surplus earth etc complete (P.H.S- I-1 P-40)	4 Nos:	@Rs 6769.20	Each	Rs 27077
9 Refilling the excavated stuff in trenches 6" thick Layer i/c watering ramming to fu compaction etc complete (P.H.S- I-24 P-53)	69300 Cft	@Rs 1343.00	P%0Cft	Rs 93070
10 Const: of inauguration ceremony marble stone size 3'x2-1/2' for development work (Approved rate)	1 Job	@Rs 6440.00	P/Job.	Rs 6440
				Rs 1509032
Cost for	1 Nos:			Rs: 1509032

CONSTRUCTION OF L. S. R.

- 1 Excavation in foundation of building bridges and other structures i/c dig billing dressing refilling around the structures with excavated Earth watering ramming up to 5ft (b) in ordinary soil (G.S.I-18/ P/4)
192.14 Cft. @Rs: 1306.80 P%0Cft. Rs: 251
- Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:2:4).(G.S.I-5 P/17)
85.87 Cft. @Rs: 5941.10 P%Cft. Rs: 5101
- 3 Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio 1:4:8).(G.S.I-5 P/17)
113.82 Cft. @Rs: 4319.70 P%Cft. Rs: 4917
- 4 Pacca brick work in foundation and plinth in cement sand mortar(1:6)(G.S.I No. 4 P/ 24)
183.76 Cft. @Rs: 3865.15 P%Cft. Rs: 7102
- 5 Filling watering ramming earth under floor with surplus excavated earth from out side lead upto one chain and lift upto 5ft (G.S.I-21, P-5).
45.70 Cft. @Rs: 641.30 P%0Cft. Rs: 29
- 6 Cement plaster (1:4) up to 20'height 1/2"thick (G.S.I-11/ P/57)
345.63 Sft. @Rs: 572.77 P%Sft. Rs: 1980
- 7 R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C work in roof slab members laid in situ or precast laid in position complete in a respect. (i) Ratio 1;2;4 90 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" gauge. (G.S.I-6 P/17)
230.40 Cft. @Rs: 114.00 P/Cft. Rs: 26266
- 8 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars. (G.S.I-7 (ii) (a) P/19)
11.31 Cwt. @Rs: 2772.55 P/Cwt. Rs: 31358
- 9 Cement plaster (1:4) up to 20'height 3/4"thick (G.S.I-11/ P/57)
489.84 Sft. @Rs: 779.96 P%Sft. Rs: 3821
- 10 Supply of Dampo (sch: of Mat: I- 46, P-4).
9.77 Lbs. @Rs: 27.27 P/Lb. Rs: 266
- 11 Providing G.I standard approved quality test pressure 200 ft. (Approved rate).
3" dia. 32.75 Rft. @Rs: 309.75 P/Rft. Rs: 10144
3/4" dia. 10.50 Rft. @Rs: 61.73 P/Rft. Rs: 648
- 12 Supplying and fixing brass bib cock light pattern (sch: of Sant: I-13, P-18).
3/4" dia. 7.00 Nos: @Rs: 80.95 Each. Rs: 567

- 3 Manufacturing and installing M.S machined flanged made out of M.S sheet 3/8" thick i/c cutting fitting drilling holes and welding with pipes P.H.S.(M).I-1, P32).
3" dia. 26.74 Kg. @Rs: 111.30 P/Kg. Rs: 2976
- 14 Painting of G.I ipes with 2 coats zine paint for internal fitting . (Sant: Sch: I-3, P-12).
3" dia. 32.75 Rft. @Rs: 4.20 P/Rft. Rs: 138
- 15 C.I Bend with flanged ends with holes i/c turning facing flanged for all size (P.H.S.(M).I-8, P-11).
0.57 Cwt. @Rs: 2032.00 P/Cwt. Rs: 1158
- 16 Cost iron specials for A.C pressure pipes of class B ACIL (PHS(M)I-VII, P-15).
3" dia. 1.00 Nos: @Rs: 300.00 Each. Rs: 300
- 17 Jointing C.I/M.S flanged pipes and specials flanged and inside trenches i/c supplyng rubber packing of the required thickness nuts bolts with washers and tools required for jointing and testing the joints specified pressure etc: (P.H.S.I-1, P-35).
3" dia. 7.00 Joints @Rs: 193.55 P/Jopint Rs: 1357
- 18 P/F Main holes covers i/c frames i/c cost of material etc: complete (P.H.S.I-1, P/23).
1.00 Cwt. @Rs: 1954.70 P/Cwt. Rs: 1955
- 19 C.I Sluice valve heavy pattr test pressure 21 Kg/sq: cm or 300 lbs/sq: inch. (P.H.S.(M).I-12, P-2).
3" dia. 1.00 Nos: @Rs: 850.00 Each. Rs: 850
- 20 P/F C.I Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc: complete. (P.H.S.I-4, P-48).
1.00 Nos: @Rs: 1884.45 Each. Rs: 1884
Tiotal. Rs: 103066
- Cost for 2 Nos: Rs: 206132

ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
TUBE WELL.	103607	24104	127711
CONSTRUCTION OF PUMP HOUSE.	85452	3245	88697
PUMPING MACHINARY	3851	637765	641616
PVC PIPE LINE	303449	1205584	1509032
CONSTRUCTION OF L . S . R.	184547	21585	206132
Total	680906	1892283	2573189

GENERAL ABSTRACT.

	<u>Schedule</u>	<u>Non Sch:</u>	<u>Total.</u>
WATER SUPPLY SCHEME VILLAGE HAZUR	714991	2058145	2773136
WATER SUPPLY SCHEME VILLAGE BADANI	979514	2655726	3635240
WATER SUPPLY SCHEME VILLAGE SAHIB	680906	1892283	2573189
Total	2375411	6606153	8981565

CONDITIONS

- 1/- The contractor will have to remove the surplus excavated stuff from the side of work to out of town at his cost .
- 2/- The Contractor arrange the materail for construction of work from the approved quarry as shown in the estimate
- 3/- No premum should be allowed on approved/Market rate.
- 4/- Any Error or omission in the rats, description, Units shall be refferd to particular schedule of rates.
- 5/- No Cartage shall be paid seperately

CONTRACTOR.

Executive Engineer
Public Health Engg. Division
Dadu.

