PUBLIC HEALTH ENGINEERING DEPARTMENT GOVERNMENT OF SINDH

PUBLIC HEALTH ENGINEERING DIVISION MATIARI



BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL

FOR

NAME OF WORK:-

Rehabilitation of Rural Drainage Schemes in District Matiari including one year Operation & Maintenance of Schemes

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

Document issued to: -

PUBLIC HEALTH ENGINEERING DEPARTMENT GOVERNMENT OF SINDH

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BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL

FOR

NAME OF WORK:-

Rehabilitation of Rural Water Supply/ Drainage Scheme in District Matiari including one year Operation & Maintenance of Schemes

partment.	
Executive Engineer, Public Health Engg: Division Matiari	
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Document	issued to:-	
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1. Introduction:

Office of the Executive Engineer, PHE Division Matiari intends to carry out the work for "Rehabilitation of Rural Water Supply and Drainage Schemes in District Matiari including One (1) Year Operation and Maintenance of Schemes"

(i) Scope:

Rehabilitation of Rural Water Supply& Drainage Schemes i/c One Year Operations & Maintenance of Schemes in following Taluka of District Matiari.

Sr. No.	Location of Work	Taluka
1.	Rehabilitation of Drainage Scheme Arzi	Matiari
2.	Rehabilitation of Drainage Scheme Darya Khan Talpur	Matiari
3.	Rehabilitation of Drainage Scheme Bachal Waryah	Matiari
4.	Rehabilitation of Drainage Scheme Masri Jakhrejo	Matiari
5.	Rehabilitation of Drainage Scheme Khando	Hala
6.	Rehabilitation of Drainage Scheme Old Saeedabad	Saeedabad

(ii). Estimate Cost:

Rs.42,907,700/- (In Million)

(iii). Completion Period:

06 Months

(iv). Tender Fee

Rs.3,000/-

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

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

Clause-I

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

(a) Bear the name and address of the Applicant.

(b) Can be delivered by hand or through courier/registered mail to address mentioned in advertisement (N.I.T) for the work.

(c) Be clearly marked "Application for submission of Financial Proposal & Information / Documents

FOR

Rehabilitation of Rural Water Supply / Drainage Schemes in Matiari District i/c One Year O/M of Schemes.

Clause-2

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

Clause-3

Document shall be prepared in English Language.

Clause-4

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

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

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

Clause-6 Addendum:

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

Clause-7 Extension of Deadline for submission of Documents.

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

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

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

Clause-9 Accuracy of Documentation.

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

Section-II Application Forms.

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

CONTRACT AGREEMENT

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

2. PERFORMANCE SECURITY

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

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

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

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

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

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

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

3. Advance/Mobilization Payment

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

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

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

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

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

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

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

The Executive Engineer, Public Health Engineering, Division Matiari

WHEREAS the contract of Kenabilitation of Rural Water Supply / Drainage Schemes in
Matiari District including One Year Operation and Maintenance of Schemes has been
awarded to M/s(hereinafter
called the Contractor).
ANID IAILIEDE AC I . I
AND WHEREAS under the terms of the said contract vide letter of Intent No.
dated you have agreed to advance a sum of Rs
(Rupees) only to the Contractor M/s
for execution of the said work. This advance is to be recovered proportionately at the rate of 25% from each running bill of the Contractor for the subject work, till the entire amount is recovered. IN CONSIDERATION OF THE ABOVE, I/ we M/s at of Bank Guarantee
to you for Contract terms and the above
amount Rs(Rupees)only on
behalf of the Contractor, and in default thereof we undertake to pay you on demand any sum
upto but not exceeding Rs(Rupees) only of the outstanding amount of
advance given by you to the said Contractor upto the date of such demand, provided always our liability hereunder shall not exceed the aggregate amount of Rs.
the aforesaid amount on demand without further question and without any reference to the said
Contractor.

The Executive Engineer, Public Health Engineering, Division Matiari

Dear Sir,	
SUBJECT:	Financial Bid and Documents/information required for "Rehabilitation or Rural Water Supply / Drainage Schemes in Matiari District including One Year Operation & Maintenance of Schemes.
Dear Sir,	
	I/We the undersigned, being duly authorized to
represent an	d act on of submit the financial proposal and required
Documents/	Information for the project above and enclose one original copy of Financial
Proposal and	required documents/information and the following.
(a)	I have examined and have no reservations to the Document, issued in
	accordance with ITB Clause-6.
(b).	I understand that Procuring Agency may cancel the tendering process at
	any time and Procuring Agency is not bound either to accept any
	application that it may receive or financial proposals of technically
	disqualified bidders, without incurring any liability to the applicants.
(c).	Bids of qualified applicants will be subject to verification of all information
	submitted at the time of bidding.
(d)	Agency reserves the right to amend the scope and value of any contract
	under this project.
4. The Proce	uring Agency and its authorized representative (s) may contact the following
persons (s) for further information, if needed.
Person	n to be contacted: Telephone:
5. The und	ersigned declares that the statements and the information provided are
	and correct in every detail.
	Signed Name:

1.	Company	Profile
1.0	C.Ompany	A A CAAAC

D-1	
Date:	

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

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

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

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

Name of Contract	Value of Contract	Name of Procuring Agency	Completion Date
		L.	8
		¥)	

A-VII

Financial Resources.

A. Banker's Information

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

B. Annual turnover data (Construction only)

Year	Amount	Rupees in Million
	2	

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

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

A-VIII

8. Litigation History

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

A. Decided Litigation

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

B. Pending Litigation

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

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

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

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

SCHEDULE (A)

TERMS & CONDITIONS OF CONTRACT.

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

10. PAYMENT MECHANISM.

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

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
MATIARI

OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION MATIARI



TENDER FOR THE WORK

Issue to	M/s Tender fee for Rs Received
Vide	D.R NoDated:
	Dated of opening of Tender
	EXECUTIVE ENGINEER
	PUBLIC HEALTH ENGG: DIVISION
Schem	hereby tender the execution for the Rehabilitation of Rural Water Supply / Drainage es i/c One Year Operations & Maintenance of Schemes under written memorandum the specified time in such memorandum at.
"B" M	Percent ABOVE/BELOW the Estimate rated entered in the Schedule lemorandum showing items of work to be carried out and in all respect with the cation designed and instructions writing referred to in Rule thereof.
a).	General Description: Rehabilitation of Rural Water Supply / Drainage Schemes i/c One Year Operations & Maintenance of Schemes.
b).	Estimated Cost: Rs:Millions
	Earnest Money 2% Call Deposit: Rs:
g).	Time of Completion
	Should be this tender be accepted I/We hereby agree to abide be the fullfill all the and provisions of the conditions of contract annexed hereto so as applicable and in thereof to forfeit any pay the the sum of money mentioned in the said ions.
	Receipt No Dated: from the Government
	ry / Sub-Treasury / in respect of the sum of the
	is her with forwarded representing the earnest money
a).	The full value of which is to be absolutely forfeited to PHE Division
accord	ited the full amount of Security Deposit specified in the above memorandum in
remain	ance with Clause of the said conditions otherwise the sum of Rs shall be ned by the PHE Divisionon account of such Security Deposit specified in
releva	nt Cluase of the conditions/agreement.
N.B	The Tenderer or is required to undertake that all terms and conditions of the printed B-I
Forms	inclusive of the additional conditions etc approved by the Executive Engineer PHE
Division	on will be binding on him and these will be includes and signed by him in
the ev	en acceptance of his tender.

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
MATIARI

SCHEDULE-B

NAME OF WORK:

REHABILITATION RURAL DRAINAGE SCHEME ARZI HAKRO TALUKA & DISTRICT MATIARI.

S# A.RI	ITEMS EPAIR / CONST	QUANTITY RATI T: OF SURFACE DRAINS.	E UNIT	AMOUNT
1.	Earth work exc Lead up to 50 f	avation in ashes sup sail or silt clear it (GSI No: 2 P/1).	arance undressed	
	3275.20Cft	@Rs:1663/75	P‰Cft	Rs: 5449/-
2	(GSI No: 13 P		3	
•	2064.37Cft	@Rs:1285/63	P%Cft	Rs: 26540/-
3.		ment concrete plain (1:4:8)(GSI N	o: 19(a) P/10).	*
	127.77Cft	@ RS: 5445/-	P% CFt	Rs: 6957/-
4.	work (soft ordi	y 50 ft additional lead or part the nary hard soil)(GSI No: 8(a) P/2).		
٠.	5467.34Cft	@ RS: 5039/-	P %o Cft.	Rs: 27550/-
5.	earth watering	foundation of building bridges and essing refilling around the structuramming lift upto 5ft and lead upto il) etc(G.S.I.NO:18 P/4)	ire with excavated	
	7200.50Cft	@Rs:3176/25	P%oCft	Rs: 22871/-
6.	Cement concret	ta ploin i/a placia		
	shuttering ratio	te plain i/c placing compacting fini reening and washing of stone aggre (1:4:8) (G.S.I.NO: 5 P/16)	shing and curing egate without	
	complete 1/c sci	reening and washing of stone aggre	shing and curing egate without P%Cft	Rs: 170191/-
7.	shuttering ratio 1507.62Cft Pucca brick we (1:6) etc (G.S.I.	(1:4:8) (G.S.I.NO: 5 P/16) @Rs:11288/75 ork in foundation and plinth in co	egate without P%Cft	Rs: 170191/-
7.	shuttering ratio 1507.62Cft Pucca brick wo	(1:4:8) (G.S.I.NO: 5 P/16) @Rs:11288/75 ork in foundation and plinth in co	egate without P%Cft	Rs: 170191/-
7.	shuttering ratio 1507.62Cft Pucca brick we (1:6) etc (G.S.I. 6479.77Cft Construction of situ to the desapplying floatin	(1:4:8) (G.S.I.NO: 5 P/16) @Rs:11288/75 ork in foundation and plinth in co. NO:4 P/21)	P%Cft ement sand mortar P%Cft ock of cc (1:2:4)in as per drawing i/c	
	shuttering ratio 1507.62Cft Pucca brick wo (1:6) etc (G.S.I. 6479.77Cft Construction of situ to the des applying floatin curing etc comp	reening and washing of stone aggree (1:4:8) (G.S.I.NO: 5 P/16) @Rs:11288/75 ork in foundation and plinth in co.NO:4 P/21) @Rs:11948/36 f standard open drain connote blosign profile i/c cost of moulds and g cost of cement 1/32" thick fac	P%Cft ement sand mortar P%Cft ock of cc (1:2:4)in as per drawing i/c	
	Shuttering ratio 1507.62Cft Pucca brick we (1:6) etc (G.S.I. 6479.77Cft Construction of situ to the desapplying floating curing etc comp. Type-A 1525.00 RFt. Type-B	reening and washing of stone aggree (1:4:8) (G.S.I.NO: 5 P/16) @Rs:11288/75 ork in foundation and plinth in co.NO:4 P/21) @Rs:11948/36 f standard open drain connote blosign profile i/c cost of moulds and cost of cement 1/32" thick factoriete as per detailed drawing(PHSI)	egate without P%Cft ement sand mortar P%Cft ock of cc (1:2:4)in as per drawing i/c ce finished smooth NO:D(ii)P-44)	Rs: 774226/-
	Pucca brick wo (1:6) etc (G.S.I. 6479.77Cft Construction of situ to the des applying floatin curing etc comp Type-A 1525.00 RFt.	reening and washing of stone aggree (1:4:8) (G.S.I.NO: 5 P/16) @Rs:11288/75 ork in foundation and plinth in co.NO:4 P/21) @Rs:11948/36 f standard open drain connote blosign profile i/c cost of moulds and cost of cement 1/32" thick factoriete as per detailed drawing(PHSI)	egate without P%Cft ement sand mortar P%Cft ock of cc (1:2:4)in as per drawing i/c ce finished smooth NO:D(ii)P-44)	Rs: 774226/-
	Shuttering ratio 1507.62Cft Pucca brick we (1:6) etc (G.S.I. 6479.77Cft Construction of situ to the desapplying floatin curing etc compartype-A 1525.00 RFt. Type-B 780.00 RFt.	reening and washing of stone aggree (1:4:8) (G.S.I.NO: 5 P/16) @Rs:11288/75 ork in foundation and plinth in co.NO:4 P/21) @Rs:11948/36 f standard open drain connote blosign profile i/c cost of moulds and cost of cement 1/32" thick factolete as per detailed drawing(PHSI) @Rs:94/-	egate without P%Cft ement sand mortar P%Cft ock of cc (1:2:4)in as per drawing i/c ce finished smooth NO:D(ii)P-44) P.Rft P.Rft	Rs: 774226/-

10. R.c.c. work i/c all lab our and material except the cost of steel; reinforcement and its lab our for bending and binding which will be paid separately. This rates also i/c all kinds forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/17) 510.44Cft @Rs:337/-Rs: 172018/-Fabrication of mild steel reinforcement for cement concrete i/c 11 cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8(a) P/17) 18.23Cwt @Rs:5001/70 P.Cwt Rs: 91181/-Rs: 18,57,915/-B. C.C.BLOCK. Barrow pit excavation undressed lead upto 100 ft ordinary soil(GSINO:3 P-1) 1200.0 Cft Earth work compaction (Soft ordinary or Hard Soil) (b) laying earth in 6" layers leveling and dressing and watering for complete (G S I No:3 (b) P:3) 6000.00 Cft @Rs: 354/-P%0Cft Rs: 2124/-Erection and removal of centering for R.C.C.plain c.c.works partal 3. wood (2nd class) vertical (G.S.I.NO:18 P/20) 250.00 Sft @Rs: 3127/41 P%Sft Rs: 7819/-Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 4. (1:4:8)(GSINO:4 P-7) 1980.00 Cft @Rs:9416/28 P%Cft Rs: 186442/-C.C plain i/c placing compacting and curing complete i/c screening and washing of stone aggregate without shuttering ratio (1:2:4) (G.S.I.NO: 5(f) P/16) 1500.00 Cft @Rs:14429/25 P%Cft Rs: 216439/-Providing RCC pipes colours of class and faxing In trench i/c cutting fitting and jointing witrh rubber ring i/c testing With water to specified pressure. (P H I No:B 1 P-17). 90.00 Cft @Rs: 163/-P%Cft Rs: 14670/-C. REPAIR OF COMPOUND WALL. Rs: 4,27,494/-Pucca brick work in ground floor(1:6)(GSINO:5 P-24) 68.82Cft @Rs: 12674/36 P%Cft Cement plaster(1:4)1/2" thick upto 20' height(GSINO:11(b)P-52) Rs: 8722/-425.81Sft @Rs: 2283/93

P%Sft

Rs:9725/-

3.	Painting old painting of any	Surface. Preparing(Do type angle two coats)	oor and Wind GSINo: 4 (c	dows)Surface and iii)P-69)	
	144.00Sft	@Rs:1660/06	9	P%Sft	Rs: 1670/-
4.	White wash to	wo coots (GSI No: 26(i) P54)	64.T	
	425.81Sft	@ Rs: 416/63	, ,	P.% Sft	Rs: 1774/-
5.	Colour wash	Two coots (GSINo: 24	1(b)P54	**	
	3059.00Sft	@Rs: 859/90	er · · · · · · · · · · · · · · · · · · ·	P%Sft	Rs: 26304/-
D. S	ILT CLEARAN	ICE OF OXIDATION	POND	Total	Rs: 48195/-
1.		ce and removing with		S.I.NO:4- P 95)	
	16000Sft	@Rs: 75/63		P%0Sft	Rs: 1210/-
2.	Earth work sil	t clearance excavation	in ashes sups	sail or silt	
	clearance und	ressed Lead up to 50 ft	(GSI No: 2 P	/1).	Be.
	40000.0Sft	@RS: 1663/75		P%Cft	Rs: 66550/-
3.	Earth for slush	dadal i/c Dewatering	(GSINO:16 P		
	40000.0Sft	@Rs: 2420/-		P‰Cft	Rs: 96800/-
4.	Carriage 100 o	oft/tons of all material	like stone spw	al coal line	
	Sheets Rails N	rails fastening and cro AS bars etc of 100 No:	ssing bridges	girders pipe	
	Truck wood b	y truck on work by the	contractor ea	rth	**
8	(Lead 2 miles	lead).(Sch: & carriage).	7,0)	*
	40000.0Sft	@Rs: 502/52	200	P%Cft	Rs: 201008/-
E. <u>R</u>	EPAIR OF SCI	REENING CHAMBER	.	Total	Rs: 365568/-
1.	Clearing of co	ollecting tank / Sump b	elow Ground	level i/e	
	dewatering of	Sullage water & Disp	osal of garbag	ge soil water etc	
	320.0Cft	etc complete. (PHS I) @Rs:11900/-	No:1 (1) P:59	P‰Cft	D 2000/
			*		Rs: 3808/-
2.	Carriage 100 c	oft/tons of all material	like stone spw	al coal line	
	Sheets Rails N	rails fastening and cro	ssing bridges	girders pipe	
	Truck wood b	AS bars etc of 100 No: y truck on work by the	contractor ea	el wood by	
	(Lead 2 miles	lead).(Sch: & carriage).	141	
2	320.0Cft	@Rs:502/52		P%Cft	Rs: 1608/-
3.	K.c.c. work i	/c all labour and ma	terial except	the cost of steel;	
	paid separatel	and its labour for ber y. This rates also i/c	ding and bind	ling which will be	
	snuttering; cu	rring rendering and fi	nishing the e	vnosed surface i/a	
	screening and	washing of shingle (a) RC work	in roof clab beem	5 °
	Columns raits	lintels and other str	uctural memb	er laid in city on	
,	185.25Cft	position in all respect @Rs: 337/-	ratio(1:2:4)et	(G.S.I.NO:5 P/19)	
4.	Fabrication of	mild steel reinforcen	ent for cc ;	P.Cft	Rs: 62429/-
	aying in post	don making joints at	nd tastening i	le cost of hind:	
	wire also i/c re 7.44Cwt	alloval of rust from ba	rs etc (G.S.I.N	IO: 8(a) P-17)	
	7.77CWL	@Rs: 5001/70		P.Cwt	Rs: 37213/-
		g.		Total	Rs: 105058/-

SCREENING CHAMBER.SIZE(5'x8')2Nos F Excavation for tank and reservoirs in soft soil i/c trimming and dressing side to true alignment design section/profiles and shape leveling of bed of trenches to correct level and i/c laying of earth in 6"layers for construction of banks and dressing and disposal of surplus excavated earth within one chain as directed by engineer in charge providing fence guards light flags and temporary crossing for non vehicular traffic wherever required lift upt 5ft(1.52m) and lead upto one chain(30.5m). (PHSINO:1,P-67) 880.0Cft @Rs:3000/-P%0Cff Rs: 2,640/-Excavation for tank and reservoirs in wet soil i/c trimming and dressing side to true alignment design section/profiles and shape leveling of bed of trenches to correct level and i/c laying of earth in 6"layers for construction of banks and dressing and disposal of surplus excavated earth within one chain as directed by engineer in charge providing fence guards light flags and temporary crossing for non vehicular traffic wherever required lift upt 5ft(1.52m) and lead upto one chain(30.5m). (PHSINO:14P-50) 0"-5"Depth 616.00Cft @Rs:4800/-P%0Cft Rs: 2,957/-Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio (1:4:8)(GSINO:4 P-7) 132.00Cft @Rs:9416/28 P%Cft Rs: 12,429/-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 rates also i/c all kinds forms moulds lifting shuttering ; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19 473.56Cft @Rs:337/-Rs: 1,59,590/-Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:7 P/20) 19.02Cwt @Rs:5001/70 P.Cwt 95132/-Pucca brick work in foundation and plinth in cement sand mortor (1:6) etc (G.S.I.NO:4 P/12) 40.68Cft @Rs:11948/36 P%Cft 4,861/-Rs: Cement plaster(1:4)upto 20' ft height 1/2" thick (GSINO:11(c)P-57 P%Sft 567.00 Sft @Rs:2283/93 12950/-Rs: Providing expansion joint in cement work of 9" wide corrugated PVC water stop with bulbs i/c soldering cost of material and lab our etc complete(PHSINO:2,P-56)

P.Rft

P.Rft

Rs:

Rs:

5,160/-

2543/-

60.00Rft

14.0Rft

10 C.I Foot steps (Market rates)

@Rs:86/-

@Rs:181/65

	11	Fabrication of heavy steel work with angles te	es flat iron round		
		from and sneet from for making trusses girders	tanks etc i/c cutting		
		diverting handling assembling and fixing but e	excluding erection		*
		in position(GSIN:2,P-90).			l a
	12		P.Cwt	Rs:	19763/-
		Erection and fitting in position of iron trusses water Tank etc (G S I No: 3 P-91)	and testing of		
ε .		4.01 Cwt @Rs:271/04	D.C.		
	13	Providing and fixing C.I.main hole cover with	P.Cwt	Rs:	1087/-
		material etc(PHSINO:1,P-15)	name i/c cost of		
		3.0 Cwt @Rs: 6985/-	P.Cwt	D	200551
			Total	Rs:	20955/-
	G. <u>F</u>	REPAIR OF COLLECTING TANK 15" DIA.		13.	340067/-
	l.	. Clearing of collecting tank / Sump below Gro	ound level i/e		
		dewatering of Sullage water & Disposal of or	rhage coil water ata		
		out side tank etc complete. (PHS I No:T (I)	P:59)		
	2.	4239.00Cft @Rs:11900/-	P%oCft	Rs	: 50444/-
		Carriage 100 cft/tons of all material like stone	spwal coal line		
		Surkhi etc BG rails fastening and crossing brid	dges girders pipe	20	1*
		Sheets Rails MS bars etc of 100 No:s mound of Truck wood by truck on work by the contractor	of fuel wood by		4.
		(Lead 2 miles lead).(Sch: & carriage).	or earth		
		4239.00Cft @Rs:502/52	D0/ C0	0000	
	3	Dismantling cement concrete reinforced separa	P%Cft	Rs	: 21302/-
		cement from concrete cleaning and straighten	ing the same		
		(GSI No: 19(a) P/10).	ing the same		
	020	34.54Cft @Rs: 5445/-	P%Cft	Da	: 1881/-
	4.	R.c.c. work i/c all labour and material exc	ent the cost of stan	1.	1001/-
		remotechieff and its labour for bending and	hinding which will b	_	
	·	paid separately. This rates also 1/c all kinds	forme modula 1:A:	_	
		structuring curring rendering and finishing th	e evnosed surface :/		8
		screening and wasning of shingle (a) RC wo	ork in roof slah hear	n	
		columns raits lintels and other structural me	ember laid in situ o	·r	
		precast laid in position in all respect ratio(1: P/17)	:2:4)et (G.S.I.NO:6(a	1)	
	5.	0	P.Cft	Rs:	29100/-
	٠.	Fabrication of mild steel reinforcement for calaying in position making joints and fastening	.c. 1/c cutting bending	g	
		wire also i/c removal of rust from bars etc (G.S.	INO. 8(a) D 17)	g	
		3.46Cwt @Rs: 5001/70	P.Cwt	Des	17206/
•			Total		17306/-
	H. <u>R</u>	EPAIR OF COLOUR WASHING OF PUMP H	IOUSE	100	120055/-
	1.	Removing Cement or line plaster (G S I No:53			
		386.25Sft @Rs: 121/-	P%Sft	Rs	467/-
9	2	Cement plaster 1:4:12 height (b) ½ thick (G S			
		386.25Sft @Rs: 2283/93	P%Sft	Rs:	8822/-
	3.	Providing and laying 1" thick topping cem	ent concrete(1;2:4)i/	С	(d.)
		surface finishing and dividing into panels(2"]	nick) (PHSINO:16,F	'-	
		42) 61.07Sft @Rs: 3275/50	P%Sft	Pe	: 2000/-
	4.	White Washing of 2 coots (G S I No: 26(b) P-		I/S	. 2000/-
		202.50Sft @Rs:425/84	P%Sft	Rs	: 862/-
	5	Distempering 3 coots (GSINo: 24(b)P54		2.00	
		, ,			

	873.75Sft	@Rs: 1079/65	P%Sft	Rs: 9433/-
4.	Painting Old painting of any 85.50Sft	Surface. Preparing(Door type angle two coats(G) @Rs: 1160/06	and Windows)Surface and S I No: 4 (ciii)P-69) P.Sft	
I D	EDAID OF STA		Total	Rs: 992/- Rs: 22576/-
1. K	EPAIR OF STA	.C.C (1:2:4) (GSINO P.		10. 225 707-
	150.36 CH	@Rs:5445/-/=	D0/ - C0	
2.	Pucca brick wo	ork in ground floor i/c stri	P%oCft cking of joints in cement	Rs: 8187/-
	Stand mortor (1	.0)(Q2IMO:2 P21)	or joints in cement	7
3.	156.00 Cft	@RS: 12674/36	P%Cft	Rs: 19772/-
٥.	reinforcement	c all labour and material e	except the cost of steel	10. 17/12/-
	paid separately	This rates also i/c all ki	and binding which will be	
	on attended in the state of the	ng rendering and finishin	or the owner-1 or	
	bereeming and y	vasimily of shingle (a) R(C work in an C 1 1 1	
	THE PERSON LATER IN	uncis and other structural	member laid in	
	precast laid iii j	osition in all respect ratio	o(1:2:4)et (G.S.I.NO:6 P/16)	
4.	- TOTO CIL	(W.N.S)) /	D CO	Rs: 47450/-
••	cutting bending	mild steel ;reinforcement	for cement concrete i/c	
,	cost of binding	wire also i/c removal of r	g joints and fastening i/c	
	(G.S.I.NO:8(a)	P/7)	ust from bars etc	
	5.657 Cwt	@Rs:5001/70	P.Cwt	
5.	Filling watering	and ramming earth under	r floor with	Rs: 28260/-
	(CACAVAICU ITOII	outside) lead one chain	lift upto 5ft(GSINO:22,P-5)	
	576.00 Cft	@Rs:3630/-	P%0Cf	Rs: 2091/-
,	0			NS. 2091/-
6.	Cement concret	e brick or stone ballast 1:	1/2" gauge Ratio(1:4:8)	
	(G.S.I.N:3 P-15 144.00 Cft)		
7.		@Rs:9416/28	P%Cft	Rs: 13559/-
	and dividing int	o panel ratio (1:2:4) (GSI	1:2:4)i/c surface finishing	
	192.00 Sft	@Rs:3275/50		
		(J. 13.5275750	P%Sft	Rs: 6289/-
	3		Total	D-125600/
K. <u>C</u>	HOWKIDAR H	<u>UT</u>		Rs:125608/=
1	Cement plaster(1:4)upto 20ft height 1/2"th	ick(GSINO:11(b)P42)	
	1311.00Sft	@Rs:2283/93	P%Sft	Rs:29942/-
•	D 1 .1			
2.	Painting old su	rfaces (c) painting doors	s and windows any type i/c	
		I No: 4 c P- 68)		1.0
	109.50Sft	@Rs: 1160/06	P%Sft	Rs: 1270/-
3	White wash thre	e costs (CSINo. 16 D 42)	* .	61
5	white wash tille	ee coats (GSINo: 16 P-42)	, ,	
	224.75Sft	@Rs: 829/95	P%Sft	Rs: 1865/-
		G. 10. 027/70	170010	1003/-
4	Colour wash tw	o coats (G S I No: 25 P-5	5)	
20	1311.00Sft	@Rs: 859/90	P%Sft	Rs:11273/-
	9	127731	Total	Rs: 44350/-
	e		a d	
	ts.	21.42	Ø 3	

	J. <u>R</u>	EPAIR OF A.C	RISING MAIN.			
	1.	Excavation for pipe line in trancehes and pits in Soft soil i/o				
		trimming and dressing sides to true alignment and shape leveling				
		o beds trenches	to correct level and grade	cutting i	oint holes and	
÷3		disposal Of surplus earth within one chain as directed by				
		Engineer, incharge providing Fence guards light flags and where aver				
		required int up	to one chain(PHSI No:1 P/	(60).	go and whole ever	*
		45750.00 Cft	@Rs: 3600/-		P%oCft	Day 164700/
	2.	Providing A.C	pressure pipe and comet in	oint of c	lace "D" And	Rs: 164700/-
		maning intrenent	es I/C cutting fitting and join	nting wi	th mulhhau ain an !/-	
		water to	a head of 122 meter or 40	Oft (PH	SI NO. 1 P/20)	
		4 Dia	*	(51110, 11720)	
		5000.00Rft	@Rs:297/-		P.Rft	De: 14976501
	•	6"Dia			1 11111	Rs: 1487650/-
	•	2000.00Rft	@Rs:472/-		P.Rft	Rs: 945060/-
	3.	Supplying AC	collars B Class (PHSINI:	P-)		103. 943000/-
		10 Nos	@Rs: 157/-		Each	Rs: 1570/-
		6"Dia				105, 15/0/-
	4.	8 Nos	@Rs: 194/-		Each-	Rs: 1552/-
	ч.	(DUSMING one I	pair rubber ring for A.C pip	e B clas	s(comet joint)	
		(PHSMI No: 7 4"Dia	P-4)			
		10 Pairs	@Pa:05/			
		6"Dia	@Rs:95/-		Each	Rs: 950/-
		8 Pairs	@Rs:129/-		.	
			W163.1297-		Each	Rs: 1032/-
339	5	C.I Gibault joint	t (PHSMI No: 14 P-17)			
		4"Dia	()		18	
	10	8 Nos	@Rs: 731/25		Each	D 5040/
	,	6"Dia	0		Lacii	Rs: 5848/-
		3 Nos	@Rs: 1062/50		Each	Rs: 3188/-
(6	Refilling the exc	cavated stuff in trenches 6"	thick la	ver i/c watering	NS. 3100/-
		Raining to full	compaction etc complete	(PHS)	No:24 P-77)	
0.5		411/5.00 Cft	(a)Rs: 2760/-	2	P%oCft	Rs:113643/-
	7	Making joint to	C.I specials fitting making	i/c layir	ng) of the	10.115045/-
		required Dia me	ter and testing the joint allo	wed wit	h ACinine line to	· · · · · · · · · · · · · · · · · · ·
		the Specified pr	essure and making good to	all leak	y joint etc	20
		complete.(PHS)	No: 1 P/56).	,		
		4Dia			25.0	
		10. Joint	@Rs: 62/-		P.Joint	Rs: 620/-
		6 Dia				31
		8 Joint	@Rs: 72/-		P.Joint	Rs: 576/-
	·				Total	Rs:2726389/-
		EPAIR OF TRAI				. 0
	l. "	Tacking out 25	K V transformer & repair of	of 3 Nos	coils i/c	
		changing transfe	ormer & repair of oil from o	disposal	work for	
		necessary repair	@ Hyd:and referring at sa	me plac	e (R.A approved	
			his No: 513 dt: 26/2/2011	or W/Su	pply scheme	
		Nabi Bux Maha				
		3 Nos	@Rs:66800/-		Each	Rs:200400/=
					Lotol	11 111111 4 (11)

Total

 Rewinding of Electric motor 10 BHP phase 400/440 Volts, 50 cycles with best quality in solated copper wire of required guage i/c testing on load with satisfactory result up to one week's time Opening and refitting and replacing the bolts in necessary including the Cost of worn out material (GSI NO: 97 (c) P-III). 10 BHP (1450, 4 poles)

			.4	
i)	10 BHP 3Nos	@Rs:10599/-	Each `	Rs:31797/=
ii)	15 BHP 2Nos	@Rs:15188/-	Each	Rs:30376/=
2	(Rate approved	•		10.007,0,
-	5Nos	@Rs:10000/-	Each	Rs:50000/=
3	Manufacturing (R.A)	supplying faxing M.S pipe 3/16 th	ick etc complete	
i)	3"Dia Suction			
ii)	240.0Rft 4"D Delivery	@Rs:385/89	Each	Rs:92614/=
/	32.0Rft	@Rs:506/60	Each	Rs:16211/=
4.		supplying M.S.flanges of different	dia made of	KS:10211/=
	m.s.sheet of hol complete(R,A)	es and welding of flanges with m.s	pipe etc	1
i)	3"Dia 40 Nos	@Rs:500/89	Each	Rs:20036/=
	4"Dia 8 Nos	@Rs:596/75	Each	Rs:4774/=
5.		with flanged ends with holes i/c		
	turning and fac	ing of flanges for all size.(S M I No	o: 8 P-	
	4"D 0.79Cwt	@Rs:6096/-	P.Cwt	Rs:4815/=
6.	Supplying C.I.F	oot valve heavy pattern(test pressi	ure 21	,
		0 lbs sq inch)(SMI No		
i)	3"Dia 4 Nos	@Rs:731/25	Each	Rs:2925/=
ii)	4"Dia 2 Nos	@Rs:893/75	Each	Rs:1788/=
7	Jointing C.I M.S	S flanged pipes and specials flange		10.1700/
	trench i/c supply	ying flanged rubber packing of the	required thickness	
	nuts bolts with	washers etc and other tools require	d for jointing and	
		s to the specified pressure etc com	plete.(PHSI NO:1	
	M P/40).		4	
i) ·	3"Dia 20Nos	@Rs:499/-	P.Joint	Rs:9980/=
ii)	4"Dia 8 Nos	@Rs:513/-	P.Joint	Rs:4104/=
8.			Total	Rs:269420/=

ABSTRACT

	1.	Surface Drains (Repair/New)	.7	Rs:18,57,915/-
	2.	Constt: of C.C Block	````	Rs: 4,27,494/-
	3.	Repair of Compound Wall		Rs: 48,195/-
3	4.	Silt Clearance of Oxidation Pond		Rs: 3,65,568/-
	5.	Repair of Screening Chamber		Rs: 1,05,058/-
	6.	Screening Chamber Size(5'x')2 Nos	æ	Rs:3,40,067/-
	7.	Repair of Collecting Tank		Rs: 1,20,033/-
	8.	Repair of Colour washing of Pump House		Rs: 22,576/-
	9.	Repair of Staff Quarter		Rs: 1,25,608/-
	10	Repair of Chowkidar Hut		Rs: 44,350/-
	11.	Repair of Replacement of Rising Main		Rs: 27,27,803/-
	12.	Repair of Transformer		Rs:2,00,400/-
0.0000	8.	Repair of Pumping Machinery		Rs: 2,69,420/-
				13. 2,09,420/-
		2	Total	Rs: 66,54,487/-

CONDITIONS.

- Any error of omissions in the description of items rates, unit quantity Calculation will be governed by the relevant schedule of rates.
- The contractor must remove the surplus earth material cartage from site of work on his own cost.
- No premium will be allowed done non schedule items market rates.
- No separate cartage will be paid to the contractor.
- The work will be completed within specified period .
- The contractor is bound the work will be carried out as per agreement and standard PWD specification.

CONTRACTOR

EXECUTIVE ENGINEER
PUBLIC HELTH ENGG: DIVISION

<u>MATIARI</u>

SCHEDULE-B

NAME OF WORK:

SUPPLYING AND INSTALLING PUMPING MACHINARY FOR O/M RURAL DRAINAGE SCHEME ARZI HAKRO DISTRICT MATIARI. :::::::

S# **ITEMS**

QUANTITY RATE

UNIT

AMOUNT

OXIDATION POND.

Supplying and installing in position i/c transportation to site of work at Rural Drainage Scheme Arzi Hakro electric pumping set consisting of A.C.electric motor of 15 BHP 3 phase 50 cycles 400/420 volts 1450 RPM type ILA 133-4 AA60 coupled with KSB pump type (KWPZ-65-315)size 3"x2 1/2 mounted on common steel frame or base plate capable of discharging 220 gallons per minute against a head of 90 ft i/c installation of pumping set on c.c foundation ratio(1:24) and ratio(1:4:8) with ballast with m.s nuts and bolts of 1/2"dia to be embedded in c.c foundation i/c providing and fixing on prepared board A.C.50 cycles 3 phase 12/25 amperes trip rating push button type star delta starter complete with no volts and over load release and required i/c providing and fixing on prepared board iron (clad)triple pole and neutral switch fuse with rewire able fuse link carried 500 volts grade 30 amperes and providing and fixing volts meter 0.500 volts and amperes meter 0-50 amperes installed on metal led board i/c providing and fixing metal led board to accommodate main or sub main control switch recessed in the wall size 3'x2 1/2' i/c providing phase indication bulbs with holder providing internal electric wiring for main pvc insulated wire 660 volts grade in 25 mm(1/2)G.I.plate buried in the ground at depth of (12)for base plate and testing of the pumping set against the required head for 72 hours etc complete R.A attached

@Rs:773800/=

P.Set

Rs:773800/=

Manufacturing supplying and fixing ms pipe madeout of ms sheet of 3/8" thick(R.Approved)

i) 3"Dia Suction

25.00 Rft

@Rs:385/89

P.Rft

Rs 9647/=

3"Di Delivery

18.00 Rft

@Rs: 385/89

P.Rft-

Rs: 6946/=

Supplying C.I.sluice valve heavy pattern(test pressure 21 Kg sq cm or 300 lbs sq inch)(SMI No

3"Dia

1 Nos

@RS: 4290/-

Each

Rs: 4290/-

Supplying C.I.Reflex valve heavy pattern(test pressure 21 Kg sq 4. cm or 300 lbs sq inch)(SMI NO:

3"Dia

1 Nos

@Rs: 1543/-

Each

Rs 1543/=

Manufacturing & Supplying fixing M.S flange M.S sheet thick with holes (A.R approved)

4. Nos

@Rs: 500/89

Each

Rs:4007/=

Supplying CI bend with flange end with holes i/c turing and facing 6 of flange 0.66 Cwt @Rs: 6096/-Each* Rs: 4023/= Supplying CI foot valve heavy pattern test (SmINO:4 P-11) 3" dia 1 No @Rs: 731/25 Each RS: 731/-Supplying CI short piece(SMINO:9 P-15) 11 6"Dia 3 No @Rs:618/75 Each Rs: 1856/=

Jointing C.I./M.S.flanges pipes and specials flanged and inside trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc complete.(PHSINO:1P-35)

i) 3"Dia

12.0 Joints @Rs

@Rs: 499/-

P.Joint Total

Rs: 5988/= Rs:8,12,831/=

CONDITIONS.

- Any error of omissions in the description of items rates, unit quantity Calculation will be governed by the relevant schedule of rates.
- The contractor must remove the surplus earth material cartage from site of work on his own cost.
- No premium will be allowed done non schedule items market rates.
- No separate cartage will be paid to the contractor.
- The work will be completed within specified period.
- The contractor is bound the work will be carried out as per agreement and standard PWD specification.

CONTRACTOR

EXECUTIVE ENGINEER
PUBLIC HELTH ENGG:DIVISION
MATIARI

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME ARZI HAKRO TALUKA & DISTRICT MATIARI

ABSTRACT OF COST

(A) ESTABLISHMENT Rs: - 252,000/
(B) ELECTRICAL / MECHANICAL Rs: - 1,632,824/
(C) ANNUAL MAINTENANCE Rs: - 200,000/
Total Rs: - 2,084,824/-

ASSISTANT ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION

MATIARI

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION
MATIARI

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL **DRAINAGE SCHEME ARZI HAKROTALUKA & DISTRICT MATIARI**

(A) **ESTABLISHMENT**

(i) Pump Operator 1 No: (3240 -140-7440)

1 x 12 = 12 Months

@Rs: - 7,000/-

P/Month

Rs: - 84,000/-

(ii) Helper / Chowkidar 1 No: (2970-90-5670)

1 x 12 = 12 Months

@Rs: - 7,000/-

P/Month

Rs: - 84,000/-

(Iii) Sweeper 1 No: (2970-90-5670)

1 x 12 = 12 Months

@Rs: - 7,000/-

P/Month

Rs: - 84,000/-

Total;

Rs: - 252,000/-

(B) **ELECTRICAL & MECHANICAL CHARGES**

i) **Electricity consumption**

2 x 10 x 0.746 x 8.00 x 365

= 43566.40 Units

1 x 15 x 0.746 x 8.00 x 365

= 32674.80 Units

Total = 76241.20 Units

76241.20 Units

@Rs: - 20/-

P/Unit

Rs: -1,524,824/-

Oil Lubrication cotton waste.

 $(1x3) \times 12 = 36 \text{ Months}$

@Rs: - 3,000/-

P/Month

Rs: - 108,000/-

Total

Rs: -1,632,824/-

(C) ANNUAL REPAIR CHARGES

Minor repair civil electric & Mechanical works etc:

Rs: - 200,000/-

Total;

Rs: - 200,000/-

Grand Total

Rs: -2,084,824/-

ASSISTANT ENGINEER PUBLIC HEALTH ENGG:SUB-DIVISION MATIARI

EXECUTIVE ENGINEER PUBLIC HEALTH ENGG:SUB-DIVISION MATIARI

SCHEDULE "B"

NAME OF WORK:-

REHABILITATION OF RURAL DRAINAGE SCHEME DARYA KHAN TALPUR TALUKA & DISTRICT MATIARI

C.II		-		MATIARI			, ,
S#	C	. Items	Qty	Rate	Unit		Amount.
	D	oup 'A"	kepair of	Pumping Machinery			AMIOUNI.
	1/0	мшаше	of Electric	c motor 10 RHP phone	100/440 1		
	0,0	TOS WITH I	best qualif	IV In solated conner wi	ro of 1	140	
			ma willing	ILINIACIOEV PECIIIT III to	0		: · · · · · · · · · · · · · · · · · · ·
	ope	ning and	refitting	and replacing the last	in necessary including		
ž.	the	cost of w	romant .	and replacing the bolts	in necessary including	(
		P 10	orn out m	naterial (GSI NO: 97 (c) P-II0). 1450	res .	
	ווע	1 10			100000000000000000000000000000000000000		
	2	No•		@Rs: 10599/-	Each	D	
	BHI	015		2 8	Sacri	Rs:	-21,198/-
*		No		1			
	2			@Rs: 15188/-	Each	Rs:	20 2001
	Ren	oir of non -				1/2.	30,376/-
	(Pa	to common c	logging su	llage pump 2- 1/3 x 3 etc c	complete		
	(Ita	te approv	ea)				**
	4	Nr.					60
	4	Nos		@Rs: 10,000/-	Each	D	
	Drov	idina i c				Rs:	40,000/-
	1100	iding and i	axing comn	non steel or base plate (M.)	R).		
							•
	4	Nos	2.0	07			
	- 0	1105		@Rs: 18601/-	Each	Rs:	74 4041
	Prov	iding C I C	ounline (V	3D 1		165.	74,404/-
	rate a	s per p.lis	t oubring (K	SB made with aligment cha	inge (M.R)		
		. Por p.ms					
	4	Nos		@D 0000/			4
				@Rs: 9882/-	Each	Rs:	39,528/-
	Provi	ding MCU	/SD 10 RE	P consists of breaker magr	50.5000 50.5000		39,3201-
÷	prote	ction under	over volta	re protection - la constitution	netic contractor over load		tran
	curre	nt transform	mer voltme	tor with	protection ammeter with		R Š
	chang	ge over swi	tch control	an normal data data form	ier automatic star-delta		
•	fixed	in a metall	ic dust and	smoke proof box (VSD	nd all these component are		a 6 *
				smoke proof box (KSB ma	ide) P list approved)		
	2	Nos		@Rs: 48750/-			
					Each	Rs:	97,500/-
	Provi	ding interna	al wire from	1 main with 3 7/0 0 26 per			. ,500/-
	in25 i	nm1"PVC	conduit on	n main with 3.7/0.0.36 PV(surface as required(ESI No	installed wire 660 volts		, 20 ga 14m
				o reduied(ESI MO	7. 18 P-3)		- SECO.
	60.(00 Rft		@Rs: 85/06			
	D				P.Rft	Rs:	5104/-
*	Provid	ling fixing	earth set 2'	x23x1/2 copper in area	at depth of 12 or less it was		3104/-
	come	out from th	e ground le	x2 x1/2 copper in ground a vel with salt and charcoal e	depth of 12 or less it was		٠, .
				date and charcoal e	etc.		77
	4	Set		@Rs: 2600/-		*	130
	M-1:	•			P.Set	Rs:	10.4007
•	Wakin	g foundation	on of cemen	nt concrete plain :/a	g compacting finishing and		10,400/-
Į.	curing	complete i	/c screening	nt concrete plain i/c placing g and washing of stone aggr	g compacting finishing and		
1	ratio 1:	2:4) (GSIN	Vo:5 P-16)	di stone aggi	regate without shuttering		
			,				
	48.00	Cft	1	@Rs: 14429/25	×		
		4			P% Cft	Rs:	60001
					150.5	. w.	6,926/-

9 '.	Cement concrete brick or s Ratio(1:4:8)	stone ballast 1:1/2	"to 2" gaug	e (G.S.I.1	N:4 P-15)		
	24.00 Cft	@Rs: 9416/28			P% Cft	Rs:	2,260/-
10	Providing & embedding M half thread (SMI No: 6 P-2 Size	I.S foundation number (27)	s and bolts o	of ½ (4 N	os) 2ft long inch		2,200
I	21.34 Ibs	@Rs: 112/61	e e		P.Ibs	Rs:	2,403/-
11.	Manufacturing supplying thick(R.Approved) base	ng and fixing 4 d on schedule	"Dia M.S	pipe ms	s sheet of 3/8"		
12.	154.00 Rft Manufacturing supplying and welding of flanges wit 4"Dia	@Rs: 506/60 M.S. flanges of di th m.s pipe etc con	fferent dia m nplete(R,A)	ade of m based or	P.Rft .s.sheet of holes a schedule 40 Nos	Rs:	78, 016/-
	40 Nos	@RS: 596/75	."	*0	Each	Rs:	23,870/-
13	Supplying C.I. sluice valve inch) (SMI No 2 P/12) (Im 4"Dia	e heavy pattern(te aported)	st pressure 2	l Kg sq	cm or 300 lbs sq		
	4 Nos	@RS: 5460/-		40 40	Each	Rs:	21,840/-
14.	Supplying C.I. Reflex val- sq inch) (SMI NO: 6 P/12) 4"Dia	ve heavy pattern(t (imported)	est pressure	21 Kg sq	cm or 300 lbs		
15.	4 Nos Supplying C.I. taper flat be turning and facing turning	@Rs: 1706/25 ottomed or central flanges for all size	tapered flan	ged ends .9. P/13)	Each with holes i/c	Rs	6,825/-
16.	0.20 Cwt Supplying C.I. bend with for all size.(S M I No: 8 P- 4"Dia	@RS: 6096/- flanged ends with 13)	holes i/c tur	ning and	P.Cwt facing of flanges	Rs:	1,219/-
17.	3.00 Cwt C.I. Tee flanged ends with (S M I No:12 P No 13) 4"x4"x4"	@Rs: 6096/- holes i/c turning a	and facing of	flanges.	P.Cwt	Rs:	18,288/-
	0.48 Cwt	@Rs: 6096/-	: *		P.Cwt	Rs:	2,926/-
18	Supplying CI foot valve he 4"Dia	avy pattern test (S	S.M.INO:4 P	-12) (Imp	oorted)		, , , , ,
75	4 Nos	@Rs: 893/75			Each	Rs:	3,575/-
19	Supplying CI short piece(S	MINO:9 P-15)					3,3,3,
20	Jointing C.I./M.S. flanges n	@Rs 487/50 ipes and specials	flanged and	inside tre	Each	Rs:	975/-
	complete.(PHSINO:1P-40)	ruic required th	ickness nuts	bolts wit	h washers etc		
	(4))Rs: 513/-			P. Joint Total	Rs:	30,780/- 5,18,413/-

GROUP 'B' PUMP HOUISE

1.	Dismantling cement concrete re-enforced separating reinforcement form concrete cleaning and straightening the same (GSI No: 19(a) P/10).		
2.	88.52Cft @Rs: 5445/- P% Cft Removing cement or line plaster (G.S.I.No: 53 P-13)	Rs:	4,820/-
3.	386.25 Sft @Rs: 121/- P% Sft Excavation in foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with	Rs:	467/-
	excavated earth watering ramming lift upto 5ft and lead upto one chain (In ordinary soil) etc (G.S.I.NO:18 P-4)		
	235.00 Cft @Rs:3176/25 P%0Cft	Rs:	746/-
4.	Cement concrete brick or stone ballast 1 ½" to 2" guage ratio (GSINO:4 P-15)		9 3
i)	Ratio(1:4:8)		
	47.00 Cft @Rs:9416/28 P% Cft	Rs:	4,426/-
ii)	Ratio(1:5:10)	040	
	57.28 Cft @Rs:8694/95 P% Cft	Rs:	4,980/-
5.	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(h) P/16)		. 1,500/
			/D •
<u> </u>	188.00 Cft @Rs:12595/- P% Cft	Rs:	23,679/-
6.	Erection and removal of centering for R.C.C.plain c.c.works pertal wood (2 nd class) vertical (G.S.I.NO:18 P/8)	* *	
	376.0C Sft @Rs:3127/41 P% Sft	Rs:	11,759/-
7.	Pucca brick work in ground floor in cement sand mortor (1:6)(GSINO: 5P-21)	÷	88
0	298.51 Cft @Rs:12674/36 P% Cft	Rs:	37,834/-
8.	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 rates also i/c all kinds forms moulds		*3
	mung shuttering curing rendering and finishing the averaged		*
93	surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member		*1
9	laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:6 P/17		
	182.65 Cft @Rs:337/- P.Cft	Rs:	61,553/-

9.	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8/b P/17)		
10.	7.33 Cwt @Rs:5001/70 P. Cwt Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:22,P-4)	Rs:	36,662 /-
1 11.	229.12 Cft @Rs:3630/- P%0 Cft Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x ¾" square bars 4" center to center with locking arrangement (GSI.No.24 P/92)	Rs:	831/-
12	22.75 Sft @Rs:726/72 P.Sft P/F iron steel grill of ¾ "x1/4" side flat iron of approved design i/c painting 3 coats weight not less than 3.7 lbs of finished grill(GSINO:26 P97)	Rs:	16,533/-
. 13	30.00 Sft @Rs:180/50 P. Sft Fabrication of heavy steel work with angles tees flat iron round iron and sheet iron for making trusses girders tanks etc i/c cutting diverting handling assembling and fixing but excluding erection in position(GSIN:2,P-91).	Rs:	5,415/-
14	2.54 Cwt @Rs:4928/49 P. Cwt Cement plaster(1:4) upto 12' ft height 3/8" thick (GSINO:11(a) P-52)	Rs:	12,518/-
15	1804.50 Sft @Rs:2197/52 P% Sft Cement plaster(1:4)upto 12' ft height 1/2" thick (GSINO:11(b) P-52)	Rs:	39,654/-
16	Providing and laying 1" thinks	Rs:	41,214/-
	PHSINO:16,P-46) 40.00 Sft @Rs:3275/50	s:	7,861/-
	804.50 Sft @Rs:829/95 P.% Sft R	~·	14,976/-

Painting New Surface. Preparing (Door and windows) Surface and painting of any type (i/c angle two coats (GSINO:5 (c) P-105.50 Sft @Rs: 2116/41 Rs: 2,233/-Painting old Surface .Preparing (Door and windows) Surface and painting of any type (i/c angle two coats (GSINO:5 (c) P-70) 105.50 Sft @Rs: 1662/21 Rs: 1,754/-Erection and fitting in position of iron trusses and testing of water 20 tank etc (GSINO:3 P-91) 2.54 Cwt @Rs:271/04 P.Cwt 688/-Total Rs: 3,30,604/-INTERCONNECTION Excavation for pipe lines in trenches and pits in Soft Soil i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of surplus earth within one chain as directed by Engineer In charge providing fence guards light flags and wherever required lift upto 5ft and Lead upto one chain (P.H.S.I.NO:1 P/60) 480.00 Cft @Rs:3600/-P%0Cft Rs: 1,728/-Providing RCC pipe and collars of class B and fixing in trench i/c cutting fitting and jointing with maxphalt composition and cement mortar(1:1)i/c testing with water to a head of 22.5 metter or 75 ft.(PHSI.NO:2,P-17) 12" dia 40.0 Rft @Rs:412/-P.Rft Rs: 16,480/-Refilling excavated the stuff in trenches 6" thick layers i/c watering ramming to full compaction etc complete (PHSINO:24 P-77) 432.0 Rft @Rs:2760/-P%0 Cft Rs: 1,192/-Total Rs: 19,400/-SCREENING CHAMBER.SIZE(5'x8') Excavation for tank and reservoirs in soft soil i/c trimming and dressing side to true alignment design section/profiles and shape leveling of bed of trenches to correct level and i/c laying of earth in 6"layers for construction of banks and dressing and disposal of surplus excavated earth within one chain as directed by engineer in charge providing fence guards light flags and temporary crossing for non vehicular traffic wherever required lift upt 5ft(1.52m) and lead upto one chain(30.5m). (PHSINO:1,P-69) 0'-5'Depth 440.0 Cft @Rs:3000/-P%0 Cft Rs: 1,320/-

2.	Excavation for tank and reservoirs in wet soil i/c trimming and dressing side to true alignment design section/profiles and shape leveling of bed of trenches to correct level and i/c laying of earth in 6"layers for construction of banks and dressing and disposal of surplus excavated earth within one chain as directed by engineer in charge providing fence guards light flags and temporary						
	crossing for non vehicular traffic wherever required lift upt 5ft(1.52m) and lead upto one chain(30.5m). (PHSINO:14P-74)						
i)	0'-5'Depth						

308.00 Cft @Rs:4800/-

P%0 Cft

Rs: 1,478/-

Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio (1:4:8)(GSINO:4 P-17)

44.00 Cft

@Rs:9416/28

P% Cft

Rs: 4,143/-

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.NO: 5 P/16)

10.00 Cft.

@Rs:14429/25

P% Cft

Rs: 1,443/-

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 rates also i/c all kinds forms moulds lifting shuttering ; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:6 P/17

242.27 Cft

@Rs:337/-

P.Cft

Rs: 81,645/-

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

9.73 Cwt

@Rs:5001/70

P.Cwt

Rs: 48,667/-

Pucca brick work in foundation and plinth in cement sand mortar (1:6) etc (G.S.I.NO:4 P/21)

20.34 Cft

@Rs:11948/36

P% Cft

Rs: 2,430/-

Cernent plaster(1:4)upto 12' ft height 1/2" thick 8. (GSINO:11(b)P-52)

187.56 Sft

@Rs:2283/93

P% Sft

Rs: 4,284/-

9.	PVC water sto	ansion joint in cop with bulbs i/coete(PHSINO:2,P-	soldering cost	9" wide corrugated of material and lab	l •	
10	Iron 2 X2 X1/2	" I" apart with I coat with anticon	M.S. bar 3/" dia si	P.Rft der of M.S.angle paced 1' apart i/c t etc	Rs:	2,580/-
11	non and sneet	ling assembling	trusses girders to	P. Rft s flat iron round anks etc i/c cutting scluding erection	Rs:	7,990/-
12	1.67 Cwt Erection and fi tanks etc (GSI	@Rs: 4928/49 itting in position .No.3 P/91)	of iron trusses st	P. Cwt aging of water	Rs:	8,231/-
	1.67 Cwt	@Rs:271/04		P. Cwt	Rs:	453/-
13	Providing and material etc(PI	fixing C.I. main HSINO:1,P-35)	hole cover with	frame i/c cost of		
ū.	1.75 Cwt	@Rs: 6985/-		P.Cwt	Rs;	12,224/-
SUR	FACE DRAINS.	*0 10	*	Total	Rs:	1,75,568/-
1.	Earth work exc Lead up to 50 f	cavation in ashes st t (GSI No: 2 P/1).	up sail or silt clear	ance undressed		9 9
	9595.32 Cft	@Rs: 1,663/75.		P%0Cft	Rs:	15,964/-
2 ·	Dismantling bri (GSI No: 13 P/	ck work in lime or 10).	cement motor			***************************************
	1860.93 Cft	@Rs: 1285/63		. Day 600		
· 3 · ·	Dismantling R.0 straightening the (GSI No:20 P/10	C.C work 1:2:4 rei	nforcement from c	P% Cft cleaning and	Rs:	23,925/-
	48.00 Cft	0). @ Rs: 5445/-	٠,	Day Go		
. 4	Extra for every 50 hard and very hard		t thereof (a)For ear	P% Cft. th work soft ordinary	Rs:	2,614/-
	. II.					
ui	11456.25 Cft	@Rs: 4837/44		P%0Cft	Rs:	55,419/-

5	. Excavation in	form 1				21			
	dressing refill:	foundation of buil	ding bridges a	and other	structure :/-				
	lift upto 50 and	ng around the strud d lead upto one ch	cture with exc	cavated e	arth waterin	dag belling	5		
	and apto sit and	d lead upto one ch	ain (In ordina	ary soil)	GSINO.16	gramming		*	
				-) 5011)	(0.5.1.10:18	3 P/4)			
	12001.70 Cf	t @Rs:3176/2	5		1200				
6.			2		P%00	Cft	Rs:	38,120/-	
. 0.	Cement concre	te plain i/c placing	Compacting	c · · ·				50,120/-	
	1/c screening an	d washing of stor	e aggregate	linishing	and curing c	omplete			
	(G.S.I.NO: 5 P/	id washing of stor (16)	o aggregate w	ithout st	nuttering ratio	0(1:4:8)		22.3	
		*				()			
	2531.67 Cft	@P = 11200			8 252	85 #5			,
7•.	Cement places	@Rs:11288 r (1:4) upto 12'	/75		D0/, C	Φ.			
	- smelli piaste	r (1:4) upto 12'	height 1/2" thi	ick (GS)	NIO.11 D.C	11	Rs:	2,85,794	/-
	100000 000			· (CO)	uvo:11,P-5	2)		, ,	*
	19698.0 Sft	@Rs:2283/9	13						**
					P% S1	ft	Rs:	1 10 000	
- 8	Pucca brick wor	k in foundation as	d 1				165.	4,49,889/	/_
	(G.S.I.NO:4 P/2	k in foundation ar 0)	d plinth in ce	ment san	d mortar (1.6	(i) etc			
					(1.0	7 000		21	
	10487.00 Cft	@P110	_						
4		@Rs:11948/3			De/ Co				
9.	Construction of a	tond 1		**	P% Cft		Rs:	12,53,025/-	
50	Construction of s design profile i/c cement 1/32" thic drawing/PHSDIG	dandard open drai	n cunette bloc	k of cc	1.2.4			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	cement 1/32" this drawing(PHSINC	cost of moulds as	per drawing	i/c apply	ing floor	to the			
	drawing/Puersic	K face finished sr	nooth curing	etc comp	ing Hoating o	cost of	7		(3)
	Type-A);D(ii)P-58)		ote comp	iete as per de	etailed	· ·		
	~JPU-M		***		*:				
	2635.00 RFt.	@Rs:94/-	929	*					
	Market Comme				P. Rft		D	0 1-	
	Type-B						Rs:	2,47,690/-	
	1250.00 RFt.	@Pa.1744	N/10 G1	20		130 810		•	
		@Rs:174/-	•		P. Rft				
- 11.	R.C.C. Worls :/-				r. KII	* 6	Rs:	2,17,500/-	
	and its lob and C	l lab our and mate	rial except the	2 - tno2 -	ma a conce a conce ma consecu			,,000,	
*.	R.C.C. work i/c all and its lab our for rates also i/c all ki	bending and bind	ing which will	10 1500	steel; reinfor	cement		27 15	10
	finishing d	nds forms moulds	lifting shutter	be paid	separately. T	his			
					shingle (a) R	C work			
			est ratio (1.2	structura	l member laid	d in situ			
		- Toope	ct ratto(1:2:4)	et		- III SILU			
	431.16 Cft	@Rs:337/-			10.7				
. 10					P. Cft	_			
: 12	Fabrication of mild bending laying in po also i/c removal as	steel reinfa-				. R	.s: 1,	45,301/-	
	bending laying in po also i/c removal of r	osition mal-	ent for cement	Concrete	e i/c cotti-		.*		
*	also i/c removal of	net from l	ints and faster	ning i/c c	ost of L	00 000			
	also i/c removal of r	dat from bars etc	(G.S.I.NO:8(a) P/ 17)	ost of bindin	g wire		£5	
	*()	1	5 (6	, . , . ,)					
	15.39 Cwt.	-							
	LU.J. CWI.	@Rs:5001/70							
13					P.Cwt	n			
	Borrow pit excavat (a) Ordinary soil (C	ion under				K.S	: 76	,976/- \	
(a) Ordinary soil (C	a crar	ad upto 100	ft.					
3	4618.30 (0	3 I No:3 (a) P:	1)	335					
	4618.30 Cft 7	gRs: 2117/50			22000				
					P%0 Cft	Rs:	70	20.4	
	earth work excavandressed lead up	ation in ashes	IID go- 1			17.5.	13,	304/-	
u	ndressed lead up	to 50 ft (Cars	up sand or	silt clea	rance			6	
. 4	6620.0 Cft	Den 3cti (GSI I	No: 3(b) P-3).					
Sec.	- (6	Rs: 354/-	22 550 TO		D 0/0 ==				
					P %0 Cft	Rs:	16	503/-	
	45		•				10,	003/-	

Dry brick on edge paving sand grouted i/c preparation of bed by watering ramming and bringing the same to proper camber by 1/2"thick mud plaster (GSINo: 5 P-40) 31080.0 Sft @Rs: '3823/57 Rs: 11,88,366/-15 Carriage 100 cft/tons of all material like stone spwal coal line Surkhi etc BG rails fastening and crossing bridges girders pipeSheets Rails MS bars etc of 100 No:s mound of fuel wood by Truck wood by truck on work by the contractor 2 miles lead).(S of C I No: 1 P: 1) 34618.30 Cft @Rs: 502/52 P% Cft 1,73,964/-Total 42,64,354/-RISIN MAIN Excavation for pipe line in soft soil i/c trimming and dressing side to true alignment design section/profiles and shape leveling of bed of trenches to correct level and i/c laying of earth in 6"layers for construction of banks and dressing and disposal of surplus excavated earth within one chain as directed by engineer in charge providing fence guards light flags and temporary crossing for non vehicular traffic wherever required lift upt 5ft(1.52m) and lead upto one chain(30.5m). (PHSINO:1,P-49) 6"Dia 3937.50 Cft @Rs:3600/-P%0 Cft Rs: 14,175/-Providing Laying Jointing and testing FC pipe of class B (Equiv ilant make)fixing in trench i/c cutting fitting and jointing with Z joint with one rubber rings i/c testing with water to head of 61 meter or 200 ft(PHSINO:E(1) P-22 6"Dia 500.0 Rft @Rs: 397/29 P.Rft Rs: 1,98,645/-Short piece (S.M.I.No:9 P-16) 3. 6"Dia 8 Nos @Rs: 618/75 Each Rs: 4,950/-Supplying AC Collars B class (PHSINo:4:P-5) "Dia Nos @Rs:194/-Each Rs: 1,552/-One pair of rubber ring for AC pressure pipe B class(Comet joint)(PHSINo:7 P-5) 6"Dia 8 Pair @Rs:129/-P. Pair Rs: 1,032/-Making joint to C I special fitting (i/c laying of special and cost of solvent cement)of required the diameter and testing the joints along with CI pipe line B'C and D class to the specified pressure and making good to all leaky joint etc complete. (PHSINO:N(1)P-80) 6"Dia Nos @Rs: 72/-Each Rs: 576/-

15

7	Gibult joints (SM I No: 14 P-18)			
	4 Nos @Rs: 1062/50	Each	Rs:	4,250/-
8	Jointing C.I./M.S. flanges pipes and sp trench i/c supplying rubber packing of nuts bolts with washers etc complete.(PI	the required thickness	•	
	8 Joints @Rs:938/-			
	@KS:938/-	P. Joint	Rs:	7,504/-
9.	Refilling excavated the stuff in trenches watering ramming to full compaction etc (PHSINO:24 P-77)	6" thick layers i/c complete	\$6	*
÷.	3543.75 Cft @Rs:2760/-	P%0Cft	Rs:	0.781/
		Total	1225	
	KHUD / OXIDATION POND	Total	Rs:	2,42,465/-
1.	Full hire charges of pumping set per day driver an assistant fuel and electric energ Placing pumping pump etc at lower dept delivery pipes for pumping out water Fo from trenches i/c the cost of reaction and completion of the job.(PHSI NO:23 P-77 18 Days @Rs: 1500/-	y plate from required for the with Suction and und at various depths		
2.	0-2. 1300/-	P. Days	Rs:	27,000/-
4.	Borrow pit excavation undressed lead soil (G S I No:3 (a) P:1) 103730.0 Cft @Rs: 2117/50		E.	
3.		P%0Cft	Rs:	2,19,648/-
٠.	Earth work compaction (Soft ordinary or	Hard Soil)		
	(a) laying earth in 6" layers leveling and (G S I No:13(a) P: 3)	fressing complete.		
	992			
	103730.0 Cft @Rs: 354/-	P%0 Cft	Rs:	26 7201
4.	Dressing of slopes of brick or ground sur	face (GSINo.24.D.C)	10.	36,720/-
	17577.78 Sft @Rs:378/13			
5		P% Sft	Rs:	66,467/-
	Carriage 100 cft/tons of all material like si Surkhi etc BG rails fastening and crossing Sheets Rails MS bars etc of 100 Nos moun Truck wood by truck on work by the conti miles lead).(Sch: & carriage).(S of C I No. 103730.00Cft @Rs: 502/52	s bridges girders pipe and of fuel wood by ractor earth (Lead 2 : 1 P: 1)		
	0 332132	P% Cft Total		21,264/- 71,099/-

COLOUR WASH OF COMPOUND

1	Distempering Three coats (GSI.No.24 P/54) 2000.00 Sft @ Rs: 1079.65	P.% Sft		Rs:	21,593/-	
2.	Painting old surface (c) painting doors and wind three coats (GSI.No.4 P/68)	ows any typ	e			
	144.00 Sft @ Rs: 1662/21	P.% Sft Total		Rs:	2,394/- 23,987/-	
	170					
1.	Repair of Pumping Machinery ABSTRACT		Rs:-		5,18,413/-	
2.	Repair of Pump House		Rs:-	t.i	3,30,604/-	
3.	Constt: of Screening Chamber size 8'x5'		Rs:-		1,75,568/-	
4.	Inter Connection		Rs:-		19,400/-	
5.	Construction / Repair of Surface Drains i/c Brick paving.		Rs:-		42,64,354/-	
6.	Repair / Providing Rising Main.	¥	Rs:-		2,42,465/-	

CONDITIONS.

Development of Khud/Oxidation Pond.

- Any error or omissions in the description of items, rates, unit quantity & Calculation will be governed by the relevant schedule of rates.
- The contractor must remove the surplus earth, material, Garbage from 2. Site of work on his own cost.
- 3. No premium will be allowed on non-schedule items & market rates.
- No separate cartage will be paid to the contractor. 4.
- The work will be completed within specified period. 5.
- The contractor is bound the work will be carried out as per agreement 6. and standard PWD specification.

CONTRACTOR

Compound Wall

7.

8.

EXECUTIVE ENGINEER PUBLIC HEALTH ENGG: DIVISION MATIARI.

Rs:-

Rs:-

Rs:-

G.Total

8,71,009/-

23,987/-

64,45,890/-

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME DARYA KHAN TALPUR TALUKA & DISTRICT MATIARI

ABSTRACT OF COST

(A) **ESTABLISHMENT** Rs: - 252,000/-(B) ELECTRICAL / MECHANICAL Rs: - 1,648,350/-(C) ANNUAL MAINTENANCE

Total Rs: - 2,100,350/-

Rs: - 200,000/-

ASSISTANT ENGINEER PUBLIC HEALTH ENGG:SUB-DIVISION MATIARI

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME DARYA KHAN TALPUR TALUKA & DISTRICT MATIARI

ESTABLISHMENT (A)

(i) Pump Operator 1 No: (3240 -140-7440)

1 x 12 = 12 Months

@Rs: - 7,000/-

P/Month

84,000/-Rs: -

(ii) Helper / Chowkidar 1 No: (2970-90-5670)

1 x 12 = 12 Months

@Rs: - 7,000/-

P/Month

84,000/-Rs: -

(Iii) Sweeper 1 No: (2970-90-5670)

1 x 12 = 12 Months

@Rs: - 7,000/-

P/Month

Rs: - 84,000/-

Total;

Rs: - 252,000/-

(B) **ELECTRICAL & MECHANICAL CHARGES**

i) **Electricity consumption**

> (1x1) x 10 x 0.746 x 8.00 x 300 (1x1) x 15 x 0.746 x 8.00 x 300

= 17904.00 Units

= 53712.00 Units

Total = 71616.00 Units

71616.00 Units

@Rs: - 20/-

P/Unit

Rs: -1,432,350/-

DIESEL PUMPING MACHINERY

ii) Consumption of Diesel Per Hour

(1x1) x 6.00 x 0.22 x 8.00 x 65

= 686.00 Liters

686.00 Units

@Rs: - 105/-

P/Liter

72,030/-Rs: -

iii) Oil Lubrication cotton waste.

 $(1x4) \times 12 = 48 \text{ Months}$

@Rs: - 3,000/-

P/Month

Rs: - 144,000/-

Total

Rs: -1,648,350/-

(C) ANNUAL REPAIR CHARGES

Minor repair civil electric & Mechanical works etc:

Rs: - 200,000/-

Total:

Rs: - 200,000/-

Grand Total

Rs: -2,100,350/-

ASSISTANT ENGINEER PUBLIC HEALTH ENGG:SUB-DIVISION MATIARI

NAME OF WORK:-

SCHEDULE "B"

REHABILITATION OF RURAL DRAINAGE SCHEME BACHAL WARIYAH TALUKA & DISTRICT MATIARI.

<u>S</u> #	Items	Qty:	Rate	Unit	Amo	unt.
RO	UP 'A' REPAIR	OF SURFACE	DRAINS i/c SLUDGE	CLEARANCE		
	Dismantling b (GSINO:13 P	orick work in la	ying or cement motor			
	•	2025.00Cft	@Rs: 1285/63	P % Cft.	Rs:	26,034/-
2	Earth work ex undressed Lea	ad up to 50 ft (nes sup sail or silt clear GSI No: 2 P/1)	ance	890 - 50 80	
**	æ	4365.0Cft	@Rs: 1663/75	P %0 Cft.	Rs:	7,262/-
k.**	Re-handling of (GSI NO: 9 I	of earth work (19/2)	o) upto a lead of 50 ft	*	Ð	
120	** .	6390.00Cft	@Rs:1058/75	P%0Cft	Rs:	6765/-
1	(a) for earth V	ry 50 ft addition Work (Supt ord d (GSI NO: 8(a	nal lead of part therefor inary) hard) P/2).	е .	5 ¥	
· :						
	6390.	.00Cft @ F	Rs: 4736/66	P%0 Cft	Rs:	30,267/-
	earth waterin	essing refilling	building bridges and ot around the structure w upto 5ft and lead upto 18 P/4)	ith excavated	7567	
	5880	0.00Cft @F	Rs: 3176/25	P%0 Cft	Rs:	18676/-
;	Cement concribe screening a (G.S.I.NO:5P	and wasning of	acing compacting finish stone aggregate withou	aing and curing complete the shuttering ratio(1: 4:	8)	
		3				
•	1282	2.50Cft @R	s: 11288/75	P %Cft	Rs:	1,44,778/-
5	Pacca brick w sand motor (1	ork in foundati	on and plinth in cemen P/21)	t	983	
10 0140		*2	F # 2			
	6075.	00Cft @R	s: 11948/36	P% Cft	Rs:	7,25,063/-

Type-A Drain 1500.00Rft @Rs: 94/-P: Rft Rs: 1,41,000/-Type-B Drain 500.00Rft @Rs: 174/-P: Rft Rs: 87,000/-Cement plaster 1:4 up to 20 fit height 1/2" thick (GSI No: P-52). 12270.00Sft @Rs: 2283/93 P% Sft Rs: 2,80,238/-R.C.C work. In roof slab beams columns raffs lintel and other structural Member laind in situ (Ratio. 1: 2: 4) 90(b) count rept sand 4 cft shingle 1/8' to 1/4' gauge (GSI No: 6(a) P-12) 391.77 Cft @ Rs: 337/-P: Cft 1,32,026/-Rs: 10 Fabrication of mild steel reinforcement for c.c i/c cutting bending laying in Position making joints and fastening i/c cost binding wire also removal of Rust from bars etc (GSI No: 8 (a) P/17 (1) using for bars. 13.99 Cwt. @ Rs: 5001/70 P. Cwt Rs: 69,974/-G. Total Rs: 16, 69,083/-GROUP 'B' (I) COLLECTING TANKSIZE (12' DIA) Excavation of well dry upto 20"below ground level and disposal of 1. soil within one chain(GSINO:1(a)P-86) i) 0'-5' Depth 883.12 Cft @Rs:2247/48 P%0 Cft Rs: 1,985/-Wet sinking of well for depth below spring level by means of divers i/c all charges for shoring loading and removing excavated material within one chian(GSINO:4(a)p-87) · i) 0'- 5' Depth 825.23 Cft @Rs: 11,763/80 P%0Cft Rs: 9,708/ii) 5' - 10'Depth 825.25 Cft P%0Cft @Rs: 24,200/-Rs: 19,971/-

P%0Cft

Rs:

9,217/-

Constt: of standard open drains coma the block of c.c 1:2:4 etc

Complete.(PHSI No:d(ii)P/50).

· iii)

10'-15' Depth 247.56 Cft

@Rs: 37,230/77

/3.	Bailing or pur cost in situ (PHSINO:18,P	concrete or ma	water during sonry work	excavation concreting in foundation etc		
	5941.66 Cft	@Rs: 543/-		P% Cft	Rs:	32,263/-
4.	Cement concre (1:4:8)(GSINO	ete brick or ston :4 P-15)	e ballast 1 ½	" to 2" guage ratio		
	231.18 Cft	@Rs: 9416/28		P% Cft	Rs:	21,769/-
5.	Cement concre complete i/c sc 'shuttering (G.S	reening and washi	compacting fing of stone agg	nishing and curing regate without		
i)	Ratio(1:3:6)					
٠, .	113.00 Cft	@Rs: 12595/-		D0/ G3		
;;)		W. 12393/-	10 20 10	P% Cft	Rs:	14,233/-
ii)	Ratio(1:2:4) 113.00 Cft	@Par 14420/25				1.
6.		@Rs: 14429/25		P% Cft	Rs:	16,305/-
	paid separately shuttering ; curi screening and v columns rafts li precast laid in p	ng rendering and f vashing of shingle ntels and other str	ending and bin c all kinds form inishing the ex (a) RCC work uctural member	ding which will be as moulds lifting posed surface i/c	* .	
7.	binding wire als	m position making	101nts and fac	P. Cft nt concrete i/c cutting tening i/c cost of cc (G.S.I.NO:8 P/17)	Rs:	2,52,750/-
	Caro		i de	(0.0.01/1/)		
_	28.51 Cwt	@Rs:5001/70		P. Cwt	Rs:	1,42,598/-
8.	Providing expansion water stop with complete (PHSI)	i build) l/c solderi	ent work of 9" ng cost of mai	wide corrugated PVC terial and lab our etc		
	125.46 Rft	@Rs: 86/-		P. Rft	ъ	
9.	Cement plaster(1:4) upto 12' ft he	ight 1/2" thick	(GSINO:11/bP-57)	Rs:	10,790/-
	602.88 Sft	@Rs:2283/93		P% Sft	Rs:	13,769/-
10	Supply dampo (GSINO:11(b)P-57)	* "*		18
	15.40 Lbs	700.Rs: 56/81		P.Lbs	Rs:	875/-
11	P/F in position	in ce foundation (1:3:6)M.S.lado	ler of MC 1.	163.	0/3/-
	2 X2 X1/4 1 8	part with M.S.bar	% dia spaced	l 1' apart i/c painting nplete.(PHSINO:3,P-	78	2 58 E
	17.0 Rft	@Rs:799/-		P. Rft	D -	12 5057
		00 TO 8	* *	Total	Rs; Rs:	13,583/-
				11 ×1/2	10.	5,59,816/-

GROUP-B (II) INTER CONNECTION

1.	and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of surplus earth within one chain as directed by Engineer In charge providing fence guards light flags and wherever required lift upto 5ft and Lead upto one chain (P.H.S.I.NO:1 P/46)							
2.	testing With v	@Rs: 3600/- ing RCC pipes of a ch i/c cutting fitting vater to specified p	O and totation			Rs:	691/-	
3.	16.00 Rft Refilling exca	@Rs: 412/- vated the stuff in t	renchas (" 41.	P.Rft		Rs:	6,592/-	
	(GSINO:24 P.		complete	ick layers i/c w	atering	zi.		
	172.80 Cft	@Rs: 2760/-		P:%0 Cft		Rs:	477/-	
1. i)	dressing side leveling of bea 6"layers for of surplus excava charge providi- non vehicular	In SCREENING or tank and reserved to true alignment of trenches to construction of bated earth within any fence guards literaffic wherever in (30.5m). (PHSING)	orrect level a anks and drone chain as ight flags and	soil i/c trimition/profiles and i/c laying of essing and didirected by entemporary croupt 5ft(1.52m)	ning and nd shape f earth in sposal of gineer in	Rs:	7,760/-	
2.	disposal of surplus charge providing f	k and reservoirs in we section/profiles and sh g of earth in 6"layers is s excavated earth with ence guards light flag	for construction in one chain as	of banks and dress directed by engine crossing for non- to one chain(30.5)	correct sing and er in	Rs:	1,320/-	
3.		e brick or stone b			0 (1:4:8)	Rs:	1,690/-	
4.	Cement concrete	plain i/c placing cor washing of stone an		P:% Cft sing and curing out shuttering ratio		Rs:	4,143/-	
	10.00 Cft	@Rs: 14429/25		P: % Cft		Rs:	1,443/-	

5	reinforcement a paid separately shuttering; curi	ng and binding which will be kinds forms moulds lifting hing the exposed surface i/c RCC work in roof slab beams		, .	
	columns rafts l	intels and other structu	ral member laid in situ or pre- o(1:2:4)et (G.S.I.NO:5 P/19)	83	100) (140)
	242.27 Cft	@Rs: 337/-	P. Cft	Rs:	81,645/-
6.	Fabrication of bending laying binding wire a		4		
	9.73 Cwt	@Rs: 5001/70	P.Cwt	Rs:	48,667/-
7.	Pucca brick v (1:6) etc (G.S.	[1] 이 마음 마음 다른 사람들이 되었다면 하는 사람들이 되었다면 다른 사람들이 되었다면 하는데 다른 사람들이 되었다면 다른 사람들이 되었다면 하는데 하는데 다른 사람들이 되었다면 하는데 되었다면 되었다면 되었다면 되었다면 되었다면 하는데 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면	d plinth in cement sand morto	r ·	
	20.34 Cft	@Rs:11948/36	P: % Cft	Rs:	2,430/-
8.	Cement plaste	r(1:4) upto 12' ft heigh	nt 1/2" thick (GSINO:11/bP-57)		
	187.56 Sft	@Rs:2283/93	P: % Sft	Rs:	4,284/-
9.	Providing exp water stop wi complete(PHS		5 E		
	30.00 Rft	@Rs:86/-	P.Rft	Rs:	2, 58 0/-
10	2'x2"x1/4" 1"	'apart with M.S.bar 3/4' h anticorrosive steel pa	:6)M.S.ladder of M.S.angle iron 'dia spaced 1' apart i/c painting int etc complete		
	10.00 Rft	@Rs:799/-	P.Rft	Rs:	7,990/-
11	and sheet iron	for making trusses gir mbling and fixing but	n angles tees flat iron round iron rders tanks etc i/c cutting divertin excluding erection in	g .	
12	1.67 Cwt @Rs: 4928/49 P.Cwt		Rs:	8,231/-	
	1. 67 Cwt	@Rs:271/04	P.Cwt	Rs:	453/-
13		d fixing C.I.main hole (PHSINO:1,P-35)	cover with frame i/c cost of	* 2	
	1.75 Cwt	@Rs: 6985/-	P.Cwt Total	Rs:	12,224/-
		3.3		lio di diamento	

1.	GROUP-C PUMP E Excavation in foundardag belling dressing earth watering rammordinary soil) etc (G.S.	refilling around	bridges the st and le	s and other structure i/ ructure with excavated ead upto one chain (In	c d n		
		3176/25		P%0 Cft	Rs:	746	/-
2.	Cement concrete brid (GSINO:4 P-15)	ck or stone balla	ast 1	½" to 2" guage ratio)		
i)	Ratio(1:4:8)	u *	*	4 ²		*	*
×	47.00 Cft @Rs:	9416/28	137				
ii)	Ratio(1:5:10)	110/20		P% Cft	Rs:	4,426/-	
-		9 %	,				
	57.00 Cft @Rs:	8694/95		P% Cft	D .		
3.	Cement concrete plain i/o i/c screening and washing (G.S.I.NO: 5(h) P/16)	c placing compacting of stone aggregate	g finisl withou	100	Rs:	4,980/-	
,		2595/-	70	P% Cft	Rs:	22 (70)	
4.	Erection and removal o wood (2 nd class) vertical	f centering for R.O.l (G.S.I.NO:18 P/	C.C.pla 19)	in c.c.works deodar	τω.	23,679/-	
		3127/41		P%Sft	Rs:	11,759/-	
5.	Pucca brick work (1:6)(GSINO:4P-22)	in ground floor	in	cement sand mortor			
132	298.51 Cft @Rs:1			w w			
6	0-4.1	2674/36		P% Cft	Rs:	37,834/-	
6.	R.C.C. work i/c all labor	ur and material exc	cept th	e cost of steel			
	paid separately. This rate	es also i/a all laid	nd bin	ding which will be			80
	shuttering curing render	ing and frid KING	is form	is moulds lifting	÷.	0 %	
. •	screening and washing of columns rafts lintels and precast laid in position in	other structural	work	in roof slab beams	**		

precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19

31,722/-

18,906/-

832/-

Rs:

Rs:

Rs:

7 Fabrication of mild steel reinforcement for cement concrete i/c cutting

bending laying in position making joints and fastening i/c cost of binding wire also it removal of rust from bars etc (G.S.I.NO:8 P/17)

Filling watering and ramming earth under floor with new earth

(excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5)

P.Cwt

P%0 Cft

@Rs:337/-

@Rs:5001/70

@Rs:3630/-

94.23 Cft

3.78 Cwt

229.12 Cft

, 9.	Making	& fivina	ataal					,
1.	including	g angle i	steel grated or	loors with 1/1	6" thick sheet square bars 4"	ing .		
	center w	ith locki	ng arrangeme	nt (GSI.No.24	square bars 4" 4 P/97)	center to		
				3				*
10			@Rs:726/72		P. Sft		Rs:	16,533/-
. 10	painting	steel gril	l of 1/4"x1/4"s	ide flat iron o	of approved de	sign i/c		
	grill(GSI	NO:26 I	weight not less	s than 3.7 lbs.	of finished			
			*	*		• • •		
			@Rs:180/50	2	P. Sft		Rs:	5,415/-
- 11	Fabricati	on of he	avy steel worl	with angles	tees flat iron r	ound iron	5	-,
		OTT TOT	making truss ing and fixing	ES UITABER ton	100 at - 11.	ng diverting	50 ±3	
	position (GSIN:2,	P-96).	du excludin	g erection in			,
•	2.54 C		-	50 A				
. 10			@Rs:4928/49		P. Cwt		Rs:	12,518/-
12	Cement p	olaster(1:	4) upto 12' ft	height 3/8" tl	nick (GSINO	:11(a) P-52)		,0 10,
•	940.25		Rs:2197/52					F. 62
12					P%Sft		Rs:	20,662/-
13	(GSINO:	laster(1:	6) upto 12' ft	height 1/2" th	nick		e	
	(00110.	13(0) 1	02)			14		
	940.25 Sf	ft . @	Rs:2206/60		P% Sft		D	
14	Providing	and land		90		ë	Rs:	20,748/-
	surface fin	and layi	ng 1" thick to nd dividing in	pping cemen	t concrete(1;2	:4) i/c		ىم
	(PHSINC	- Carres	ard attaining in	ito paneis (2"	Thick)			
**	1200		,				£.	
	120.0 Sf	t (a	Rs:3275/50		P.% Sft		Rs:	3,931/-
15	White was	sh one co	oat(GSINO:24	P-54)				-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
87	940.25 Sfi	t a	Rs: 416/63		P.% Sft		Rs:	2.017/
16	Colour Wa	ashing ty	vo coats (GSI	No 25% D/5		14	16.	3,917/-
••	940.25 Sft	a	Rs: 859/90	.1NO.23/b P/54	P.% Sft			
16	Pointin - N		2 0.50	-			Rs:	8,085/-
. 10	painting of	f any typ	ace. Preparing	(Door and w	vindows) Surfa	ace and		
		ط النا الساء	c (ne angle ty	vo coats (GS)	INO:5 (c) P-	70)		
17	105.0 Sf		Rs: 2116/41		P.% Sft	6	Rs:	0.0004
	tank etc (G	na ritting FSINO:3	n position o	f iron trusses	P.% Sft and testing of	water	1/3.	_ 2,233/-
-	(-	7	1-91)					
	2.54 Cwt	. @	Rs:271/04		P. Cwt	4	Rs:	
18	White was	h three c	oat(GSINO:2	6/a D 54	-,		10.	688/-
52 W	120.00 S	ft @	Rs: 829/95	o/C P-34)	P.% Sft		7	(2) (4)
363	14 8/			• •	1.70 SIL		Rs:	996/-
			380		Total		Rs: 2.3	0,610//=
					03		1	1

GROUP 'D' PUMPMING MACHINERY NEW PEPAIR

Supplying and installing in position i/c transportation to site of work at Rural Drainage Scheme Bachal Wariyah electric pumping set consisting of A.C.electric motor of 5.50 BHP 3 phase 50 cycles 400/420 volts 960 RPM type ILA 133-4 AA60 coupled with KSB pump type (KWPZ-65-315)size 3"x2 1/2 mounted on common steel frame or base plate capable of discharging 70 gallons per minute against a head of 40 ft i/c installation of pumping set on c.c foundation ratio(1:2 4)and ratio(1:4:8) with ballast with m.s nuts and bolts of 1/2"dia to be embedded in c.c foundation i/c providing and fixing on prepared board A.C.50 cycles 3 phase 12/25 amperes trip rating push button type star delta starter complete with no volts and over load release and required i/c providing and fixing on prepared board iron (clad)triple pole and neutral switch fuse with rewire able fuse link carried 500 volts grade 30 amperes and providing and fixing volts meter 0.500 volts and amperes meter 0-50 amperes installed on metal led board i/c providing and fixing metal led board to accommodate main or sub main control switch recessed in the wall size 3'x2 1/2' i/c providing phase indication bulbs with holder and providing internal electric wiring for main pvc insulated wire 660 volts grade in 25 mm(1/2)G.I.plate buried in the ground at depth of)for base plate and testing of the (12 pumping set against the required head for 72 hours etc complete R.A attached

1 Set @Rs: 7,11,490/-P.Set Providing and installing in position i/c transportation to site of work at Rural Drainage Scheme Bachal Wariyah Distt: Matiari 8 BHP Diesel pumping set consisting (Fixed))(Golden pump) with 2200 RPM directed coupled with non clogging pump of KSB(KWPZ 65x315 size 3"x2 1/2 with 70 FT GPM discharge against the head of 40 ft mounted on common steel frame or base i/c making cement concrete foundation ratio(1:2:4) and CC (1:4:8) with m.s. nuts and bolts of 1.04 dia to be embedded in cc foundation i/c testing or pumping set against the required head of 72 hours etc etc complete (R.A.Approved)

 1 Set @ Rs: 5,24,625/-Providing A.C electric motor 5.50 (Type ILA 13.0-4AA-60) three P.Set 3. Rs: 5,24,625/-

Each

Rs:

Rs:

42,602/-

7,11,490/-

phase 50 (siemes made) cycles 400/420 volts of 1450 RPM (M.R) 1 No @Rs: 42602/-

Providing Diesel Engine 8 HP (Type chaina made) 2200 RPM (M.R) self start with 12 volt battery

1 No @Rs: 23,400/-Repair non clogging sullage pump size 2 ½ x3 ect complete @Rs: 23,400/-(R.A Approved)

2 No @Rs: 10000/- · · Each Rs: 20,000/-

-	6 Provid approv	ing and faxing motor control of the	rol unit(MCU) type 17A K.S.	B (rate	`
	1 No Wiring 300/50	@Rs: 45,000/- PVC installed with 4-7/0 0 volts 4mm2 (ESINO: 32-	Each 0.36 (3mm) core copper con	Rs: 45,000	/-
*	300.00	G13. 108/84	P. Rft	Rs: 23 ,652/-	2
ij	Manufa made or 3"Dia	acturing supplying and fix ut of M.S sheet of 3/8" thic	king based on schedule M.S.k(R.Approved)	5 pipe	*
	96.00	Rft @Rs:385/89	P. Rft	Rs 37,045/-	
	4"Dia 38.00.R	©±3. 500/00	P. Rft	Rs: 19,251/-	
		cturing supplying M.S. flan et of holes and welding of e(R,A)	nges of different dia made of flanges with M.S pipe etc		
120	<u>3"Dia</u> 16 Nos	@RS: 500/89	Each	Rs: 8.014/-	
e	4"Dia		* · · · · · · · · · · · · · · · · · · ·	Rs: 8,014/-	
#3 (%)	20 Nos	@RS: 596/75	Each	Rs: 11 935/-	
. 10	or 300 lbs 4"Dia 2 Nos	g C.I. sluice valve heavy pass sq inch)(SMI No 2-P-10) @RS: 4290/-	3.0	Rs: 11,935/- cm	a 9
.11.	Supplying cm or 300		Each pattern(test pressure 21 Kg sq	Rs: 8,580 /-	
12.	2 Nos Supplying with holes 3"x4"	@Rs: 1543/75 C.I. tapper flat bottomed i/c turning and facing turn	Each or central tapered flanged e ing flanges for all size. (S M	Rs 3,088/- ends I)	•
13.	0.51 Cwt Supplying	@RS: 6096/-	P. Cwt	Por	
	4'Dia90o(f	F) 😕	o: 8 P-14)	ind	
14.	1.64 Cwt C.I.Tee flar M I No:12 I 4"x 4"x3"	@Rs: 6,096/- nged ends with holes i/c tu P No	P. Cwt urning and facing of flanges.	Rs: 9,997/-	
*	0.45 Cwt	@Rs: 6,096/-	P. Cwt	Pos o a series	
*				Rs: 2,743/-	

	13	3"Dia	ot valve heavy pati	tern test (SmINO):4 P-11)	100	
		4 Nos	@Rs: 731/25		Each	Rs:	2,925/-
	16	Supplying CI sh 4"Dia	ort piece(SMINO:	9 P-15)			-,
		1 No	@Rs: 487/50	t)	Each	Rs:	.488/-
		i/c supplying ru with washers etc	S.flanges pipes and bber packing of the complete (PHSIN	he required th	d and inside trench nickness nuts bolts		
	i)	3"Dia 16.0 Joints	@Rs: 499/-		P. Joint	Rs:	7,984/=
-	ii)	4"Dia 16.0 Joint	@Rs: 513/-	5.2	P.Joint	Rs:	8,208/=
	GRO	UP E RISING	MAIN ADIA		Total	Rs:	15,23,136/=
	1.	Excavation for trimming and d beds of trenche disposal of surp Incharge provid	pipe lines in tro- ressing sides to tru- s to correct level plus earth within	ne alignment and and grade cuttion one chain as dir ght flags and wh	s in Soft Soil i/c d shape leveling of ng joint holes and ected by Engineer derever required lift 60)		
		6000.0 Cft	@Ps-2600/	6	3		*
		0000.0 CI	@Rs:3600/-	120	P%0Cft	Rs:	21,600/-
	2 .	rixing in trench	esting with water to	and jointing wit	th 7 joint with one	Rs:	2,59,900/-
	3., i)	ACT SMINO I	ial of A.G pressure PP/3) gree (PHSINo:1 _F		Stander weight of	100	
	6	1 Nos	@Rs: 893/75		Each	Rs:	894/-
	ii)	C.I Bend 45 deg 4"Dia	ree (PHSINo:1p-1	3)			
	4	1 Nos Supply A.C Cel 4" Dia	@Rs: 731/25 lar B class (PHSI)	NO:4P-4)	Each	Rs:	731/-
	5.	1 Nos One pairs of r PHSINO:7 P-4) 4"Dia	@Rs: 157/- ubber for A.C pr	ressure pipe B	Each class (conet joint	Rs:	157/-
	**	1 Nos	@Rs: 95/-		Each	Rs:	95/-
				•	* **		8 99
				19			

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Making joint to C.I specials fitting (i/c laying of specials and cost of solvent cement) of required diameter and testing the joints along with PVC pipe line B", C", and D" class to the specified pressure and making good to all leaky joints etc complete (PHSINo(n)1 P-80)

4"Dia

1 No

@Rs: 62/-

Each

Rs:

62/-

 Refilling excavated the stuff in trenches 6" thick layers i/c watering ramming to full compaction etc complete (PHSINO:24P-77)

5400.0 Cft

@Rs:2760/-

P %0 Cft

Rs: 14,904/-

Total

Rs: 2,98,343/-

ABSTRACT

		G.Total	Rs:-	44,64,313/-
7.	Rising Main 4 Dia		Rs:-	2,98,343/-
6.	Pumping Machinery New/Repair		Rs:-	15,23,136/-
5.	Pump House		Rs:-	2,30,610/-
4.	Screening Chamber size 8'x5'(2 Nos)		Rs:-	1,75,565/-
		. *	Rs:-	7,760/-
3.	Inter Connection	¥1	K3	5,59,816/-
2.	Collecting Tank Size (12 Dia)		Rs:-	
1	Repair of Surface Drains I/C Sludge Clearance		Rs:-	16,69,083/-

CONDITIONS.

- Any error or omissions in the description of items, rates, unit quantity & Calculation will be governed by the relevant schedule of rates.
- The contractor must remove the surplus earth, material, Garbage from Site of work on his own cost.
- No premium will be allowed on non-schedule items & market rates.
- No separate cartage will be paid to the contractor.
- The work will be completed within specified period.
- The contractor is bound the work will be carried out as per agreement and standard PWD specification.

CONTRACTOR

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME BACHAL WARYAH TALUKA & DISTRICT MATIARI

ABSTRACT OF COST

(A) ESTABLISHMENT Rs: - 252,000/
(B) ELECTRICAL / MECHANICAL Rs: - 730,080/
(C) ANNUAL MAINTENANCE Rs: - 200,000/-

ASSISTANT ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION
MATIARI

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION
MATIARI

Total Rs: - 1,182,080/-

NAME OF WORK:-

SCHEDULE "B"

REHABILITATION OF RURAL DRAINAG SCHEME MISRI JAKHRIJO TALUKA DISTRICT MATIARI.:::::::

(GSINO:13 P-10) 2025.00Cft @Rs: 1285/63 P % Cft. Rs: 26,034 /- Earth work excavation in ashes sand soft soil or silt clearance Undressed Lead up to 50 ft (GSI No: 2 P/1) 5735.0Cft @Rs: 1663/75 P %0Cft. Rs: 9,542/- Re-handling of earth work (b) upto a lead of 50 ft (GSI NO: 9 P/2) 7760.00Cft @Rs: 1058/75 P%0 Cft Rs: 8,216/- Extra for every 50 ft additional lead of part therefore (a) for earth Work (Soft ordinary Soil) hard and very hard (GSI NO: 8(a) P/2). 7760.00Cft @Rs: 4938/22 P%0 Cft Rs: 38,321/- Excavation in foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lift upto 5ft and lead upto one chain (In ordinary soil) etc(G.S.I.NO:18 P/4) 3010.00Cft @Rs: 3176/25 P%0 Cft Rs: 9,561/- 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.NO:5P-17) 602.50Cft. @Rs: 11288/75 P %Cft Rs: 68,015/- Pacca brick work in foundation and plinth in cement sand motor (1,6) (GSI NO: 4P/21) 4350.00Cft @Rs: 11948/36 P% Cft Rs; 5,19,754/- Constt: of standard open drains cunette block of c.c 1:2:4 In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing (PHSI No:d(ii)P/58). T-A 500.00Rft @Rs: 94/- P: Rft Rs: 47,000	S#	Items	Qty:	Rate	Unit	Amou	nt.
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Earth work excavation in ashes sand soft soil or silt clearance Undressed Lead up to 50 ft (GSI No: 2 P/1) 5735.0Cft @Rs: 1663/75 P %0Cft. Rs: 9,542/- Re-handling of earth work (b) upto a lead of 50 ft (GSI NO: 9 P/2) 7760.00Cft @Rs: 1058/75 P%0 Cft Rs: 8,216/- Extra for every 50 ft additional lead of part therefore (a) for earth Work (Soft ordinary Soil) hard and very hard (GSI NO: 8(a) P/2). 7760.00Cft @Rs: 4938/22 P%0 Cft Rs: 38,321/- Excavation in foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lift upto 5ft and lead upto one chain (In ordinary soil) etc(G.S.I.NO:18 P/4) 3010.00Cft @Rs: 3176/25 P%0 Cft Rs: 9,561/- 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.NO:5P-17) 602.50Cft @Rs: 11288/75 P %Cft Rs: 68,015/- 6 Pacca brick work in foundation and plinth in cement sand motor (1,6) (GSI NO: 4P/21) 4350.00Cft @Rs: 11948/36 P% Cft Rs; 5,19,754/- Constt: of standard open drains cunette block of c.c. 1:2:4 In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed T-A 500.00Rft @Rs: 94/- P: Rft Rs: 47,000				e or cement motor	191		4
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(GSI NO: 9 P/2) 7760.00Cft @Rs:1058/75 P%0 Cft Rs: 8,216/- Extra for every 50 ft additional lead of part therefore (a) for earth Work (Soft ordinary Soil) hard and very hard (GSI NO: 8(a) P/2). 7760.00Cft @Rs: 4938/22 P%0 Cft Rs: 38,321/- Excavation in foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lift upto 5ft and lead upto one chain (In ordinary soil) etc(G.S.I.NO:18 P/4) 3010.00Cft @Rs: 3176/25 P%0 Cft Rs: 9,561/- 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.NO:5P-17) 602.50Cft @Rs: 11288/75 P %Cft Rs: 68,015/- 6 Pacca brick work in foundation and plinth in cement sand motor (1,6) (GSI NO: 4P/21) 4350.00Cft @Rs: 11948/36 P% Cft Rs; 5,19,754/- Constt: of standard open drains cunette block of c.c 1:2:4 In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing (PHSI No:d(ii)P/58). T-A 500.00Rft @Rs: 174/ P: Rft Rs: 47,000.			5735.0Cft	@Rs: 1663/75	P %0Cft.	Rs:	9,542/-
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dag belling dressing refilling around the structure with excavated earth watering ramming lift upto 5ft and lead upto one chain (In ordinary soil) etc(G.S.I.NO:18 P/4) 3010.00Cft @ Rs: 3176/25 P%0 Cft Rs: 9,561/- 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.NO:5P-17) 602.50Cft @Rs: 11288/75 P %Cft Rs: 68,015/- Pacca brick work in foundation and plinth in cement sand motor (1,6) (GSI NO: 4P/21) 4350.00Cft @Rs: 11948/36 P% Cft Rs; 5,19,754/- Constt: of standard open drains cunette block of c.c 1:2:4 In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing .(PHSI No:d(ii)P/58). T-A 500.00Rft @Rs: 94/- P: Rft Rs: 47,000.	100	t 8	7760.00Cft	@ Rs: 4938/22	P%0 Cft	Rs:	38,321/-
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.NO:5P-17) 602.50Cft @Rs: 11288/75 P %Cft Rs: 68,015/- Pacca brick work in foundation and plinth in cement sand motor (1,6) (GSI NO: 4P/21) 4350.00Cft @Rs: 11948/36 P% Cft Rs; 5,19,754/- Constt: of standard open drains cunette block of c.c 1:2:4 In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing .(PHSI No:d(ii)P/58). T-A 500.00Rft @Rs: 94/- P: Rft Rs: 47,000.	•	dag belling di earth waterin	ressing refilling a ng ramming lift u	round the structure wi pto 5ft and lead upto o	th excavated		
i/c screening and washing of stone aggregate without shuttering ratio(1: 4:8) (G.S.I.NO:5P-17) 602.50Cft @Rs: 11288/75 P %Cft Rs: 68,015/- Pacca brick work in foundation and plinth in cement sand motor (1,6) (GSI NO: 4P/21) 4350.00Cft @Rs: 11948/36 P% Cft Rs; 5,19,754/- Constt: of standard open drains cunette block of c.c 1:2:4 In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing (PHSI No:d(ii)P/58). T-A 500.00Rft @Rs: 94/- P: Rft Rs: 47,000		#1	3010.00Cft	@ Rs: 3176/25	P%0 Cft	Rs:	9,561/-
Pacca brick work in foundation and plinth in cement sand motor (1,6) (GSI NO: 4P/21) 4350.00Cft @Rs: 11948/36 P% Cft Rs; 5,19,754/4 Constt: of standard open drains cunette block of c.c 1:2:4 In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing .(PHSI No:d(ii)P/58). T-A 500.00Rft @Rs: 94/- P: Rft Rs: 47,000.	· .	1/c screening	and washing of s	ing compacting finish tone aggregate withou	ing and curing comp t shuttering ratio(1: 4	lete 4:8)	
sand motor (1,6) (GSI NO: 4P/21) 4350.00Cft @Rs: 11948/36 P% Cft Rs; 5,19,754/- Constt: of standard open drains cunette block of c.c 1:2:4 In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing .(PHSI No:d(ii)P/58). T-A 500.00Rft @Rs: 94/- P: Rft Rs: 47,000. T-B 400.00Rft @Rs: 174/ P: Rft Rs: 47,000.			602.50Cft	@Rs: 11288/75	P %Cft	Rs:	68,015/-
Constt: of standard open drains cunette block of c.c 1:2:4 In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing .(PHSI No:d(ii)P/58). T-A 500.00Rft @Rs: 94/- P: Rft Rs: 47,000. T-B 400.00Rft @Rs: 174/ P. Rft	6	Pacca brick v sand motor (1,	vork in foundatio 6) (GSI NO: 4P/21	n and plinth in cement			•
In situ to the design profile i/c cost of mould as per drawing i/c applying floating cost of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing .(PHSI No:d(ii)P/58). T-A 500.00Rft @Rs: 94/- P: Rft Rs: 47,000. T-B 400.00Rft @Rs: 174/ P. Rft Rs: 47,000.	:	* 4	4350.00Cft	@Rs: 11948/36	P% Cft	Rs;	5,19,754/-
T-B 400 00Rft @Rs: 174/ P. Rs: 47,000	7	i/c applying face finished	design profile i/c loating cost of ce smooth curing et	cost of mould as per of ement 1/32" thick to the to complete as per deta	lrawing e exposed		*
T-B 400 00Rft @Rs: 174/ P. P.C.		T-A	500.00Rft	@Rs: 94/-	P: Rft	Rs	47 000
		Т-В	400.00Rft	@Rs: 174/-	1		69,600/-

. 8	Cement pl	aster 1:4 up to 12'	fit height 1/2" thi	ck (GSI No: 11/b P-52)			
		9988.00Sft	@Rs: 2283/93	P% Sft	*	Rs: 2,28,1	19/-
9.	and other str	In roof slab beam uctural Member la rept sand 4 cft shi a) P-12)	ind in situ (Patio	1.2.4		1	
	v e	208.00 Cft	@ Rs: 337/-	P.Cft		Rs: 70,096	i/_
10	bending layin	of mild steel reinfing in Position making wire also remonal P/17 (1) using for	ing joints and fast			70,070	
		7.42 Cwt	@ Rs: 5001/70	P.Cwt G. Tota	I	Rs: 37,113/ Rs: 11,31,371	- - 1/-
	GROUP'B' ()	COLLECTIN	C TANK SIZE	(10 52		21,01,01	/-
1.	Drouvation of	well dry upto 2 chain(GSINO:1	O'below ground	(12 DIA) I level and disposal o	f		
i)	0'-5'Depth						•
	883.12 Cft	@Rs:2247/48		D0/000		*	٠.
2.	Wet sinking of			P%0Cft	Rs:	1,985/=	
· · i)		for shoring load an(GSINO:4(a)p-		vel by means of diversing excavated materia	5 I .	2	
-/	825.23 Cft	@Rs: 11763/8	0	P%0Cft			
ii)	5'-10'Depth			1700011	Rs:	9,708/=	
iii)	825.23 Cft 10'-15'Depth	@Rs: 24200/-	*)	P%0Cft	Rs:	19,971/=	
	247.56 Cft	@Rs: 37230/7		P%0Cft	Rs:	0.217/-	,
3.	Bailing or pum cost in situ (PHSINO:18,P	OI III	l water during asonary work	excavation concreting in foundation etc		9,217/=	•
		@Rs:543/-		P%Cft	Rs:	32,263/=	
. 4.	Cement concre (1:4:8)(GSINO:	te brick or sto 4 P-15)	ne ballast 1 1/2	" to 2" guage ratio		* . :	
	- 1	75		*		. 7	
	231.18 Cft	@Rs:9416/28		P%Cft	Rs:	21,769/=	
*							

	i/c screening and 5 P/16)	plain i/c placing compacting washing of stone aggregate					» «
i) ·	Ratio(1:3:6) 113.00 Cft	OP-12505/		D0/ CC		D	
::\		@Rs:12595/-		P%Cft	39	Rs:	14,233/=
ii)	Ratio(1:2:4) 113.00 Cft	@Rs:14429/25	•	P%Cft	•	Rs:	16,305/=
6.	reinforcement a paid separately shuttering; curi screening and v columns rafts li	all labour and material ex and its labour for bending. This rates also i/c all king ang rendering and finishing washing of shingle (a) RCo intels and other structural position in all respect ratio	and bind dids form the experience of the experie	ding which was moulds lift posed surface in roof slab be laid in situ o	ill be ing i/c eams		
7.	bending laying	@Rs:337/- mild steel reinforcement for in position making joints so i/c removal of rust from	and fas	tening i/c cos	st of	Rs:	2,52,750/=
8.	28.51 Cwt Providing expa water stop wit complete(PHS)	@Rs:5001/70 unsion joint in cement wor h bulbs i/c soldering cost NO:2,P-56)	k of 9" t of ma	P.Cwt wide corruga terial and lal	ated PVC our etc	Rs:	1,42,598/=
9.	125.46 Rft Cement plaster	@Rs:86/80 (1:4) upto 12' ft height 1/2	2" thick	P.Rft (GSINO:11	/bP-57	Rs:	10,790/=
10	602.88 Sft Supply dampo	@Rs:2283/93 ((GSINO:11(b)P-57)		P% Sft	. * .	Rs:	13,769/=
11	2'x2"x1/4" 1"	@Rs: 56/18 in cc foundation (1:3:6)! apart with M.S. bar ³ / ₄ " d with anticorrosive st 55)	ia space	d 1' apart i/c	ngle iron painting complete.	Rs:	875/=
	17.0Rft GROUP'B' (I	@Rs:799/-)N	P.Rft Total	, s	Rs; Rs:	13,583/= 5,59,816/=
1.	Excavation for and dressing s trenches to con surplus earth providing fenc- and Lead upto	pipe lines in trenches and ides to true alignment are rect level and grade cutting within one chain as direct guards light flags and wone chain (P.H.S.I.NO:1).	l pits in nd shap ng joint ected by	holes and di	beds of sposal of	ě	
	192.00Cft	@Rs:3600/-	250	P%0Cft		Rs:	691/=

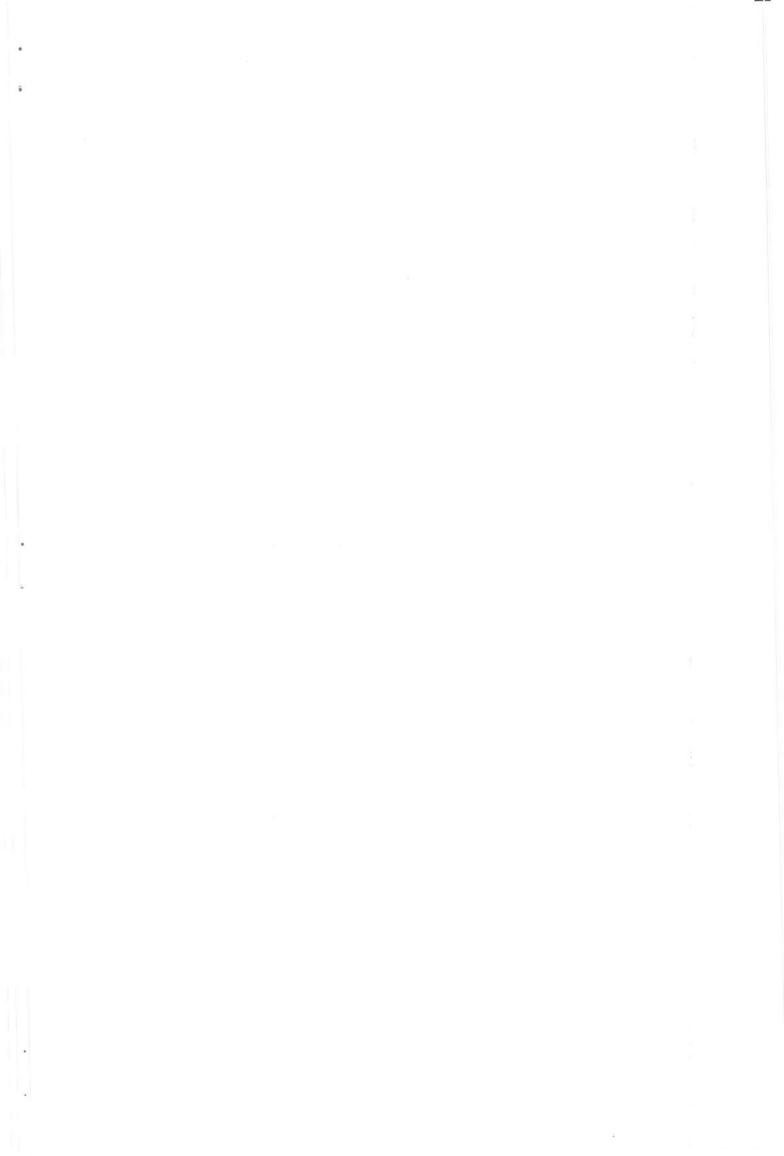
2.	faxing I	n trench With wa	gRCC pipes of A i/c cutting fitting ter to specified p @Rs:412/-	g and jointing v	vitrh rubb	er ring i/c	Rs:	6,592/=
3.	Refilling ramming (GSINO	g to full	ated the stuff in to compaction etc. (7)	renches 6" thick complete	k layers i/	c watering		
	172.80 • GROUI	P 'B' (I	@Rs:2760/- II) SCREENIN	G CHAMBER	P%0Cft	x8')2Nos	Rs:	477/= 7,760/=
1. i)	dressing leveling 6"layers surplus charge in non vehupto one 0'-5'De	s side of bed of for c excava providin nicular e chain pth	tank and resert to true alignment of trenches to construction of ted earth within ag fence guards traffic wherever (30.5m). (PHSIN)	nt design section correct level and coanks and dre- one chain as of light flags and required lift u	ion/profiled i/c laying ssing and lirected better temporary	es and shape ng of earth in I disposal of y engineer in y crossing for		
•	440.0		@Rs:3000/-		P%0Cft		Rs:	1,320/=
i)	trenches of banks chain as and temp	to corre and dre directed porary com m) and lepth	ank and reservoirs t design section/proct level and i/c lay ssing and disposal by engineer in chrossing for non velead upto one chain @Rs:4800/-	ofiles and shape ing of earth in 6' of surplus excav arge providing for nicular traffic wh	leveling of layers for lated earth ence guard	bed of construction within one s light flags uired lift upt	Rs:	1,690/=
3.	Cement (1:4:8)(concre	ete brick or sto (:4 P-15)	ne ballast 1				1,090/-
	44.00 (Cft	@Rs:9416/28	,	P%Cft	. *	Rs:	4,143/=
4.	Cement of i/c screen (G.S.I.No	uing and	plain i/c placing of washing of stone 7)	compacting finish aggregate withou	ning and cout shuttering	aring complete ag ratio(1:2:4)		, 2 b
<i>t</i> .	10.00 C	Cft	@Rs:14429/25	,	P%Cft	¥	Rs:	1,443/=
5.	paid sep shuttering screening columns	aratelying; curi	c all labour and mand its labour for This rates also ing rendering and washing of shinglantels and other stoosition in all responsition in all responsition.	bending and bi i/c all kinds for finishing the extended (a) RCC world tructural members	he cost of nding wh ms mould xposed su c in roof s	ich will be s lifting rface i/c lab beams		.,
:	242.27	Cft	@Rs:337/-		P.Cft		Rs:	81,645/=

7.	*	-			
6.	bending laying binding wire al	in position making join	for cement concrete i/c cutting ts and fastening i/c cost of om bars etc (G.S.I.NO:8 P/17)	,	
	Using tor bar 9.73 Cwt	@Rs:5001/70	P.Cwt	Rs: 4	18,667/=
	Duese brief 11	ork in foundation and	plinth in cement sand mortor		
7.	(1:6) etc (G.S.J	NO:4 P/21)			
	20.34 Cft	@Rs:11948/36	P%Cft	Rs:	2,430/=
8.	Cement plaster 187.56 Sft	r(1:4)upto 12' ft height @Rs:2283/93	1/2" thick (GSINO:11/b P-57) P%Sft	Rs:	4,284/=
9.	Providing exp water stop wi complete(PHS	th bulbs i/c soldering of	work of 9" wide corrugated PV6 cost of material and lab our et	C .	as.
	30.00Rft	@Rs:86/-	P. Rft	Rs:	2,580/=
10	P/F in position	n in cc foundation (1:3:6	5)M.S.ladder of M.S.angle iron	į.	
10	2'x2"x1/4" 1'	apart with M.S.bar 3/4"	dia spaced 1' apart 1/c painting		1 .
95	three coat wit	h anticorrosive steel pai	nt etc complete		
10	.(PHSINO:3,	P-55)		64	
		OD 500/	D DA	Rs:	7,990/=
٠	10.0Rft	@Rs:799/-	P.Rft		1,5501
11	Fabrication o	t heavy steel work with	angles tees flat iron round iron ders tanks etc i/c cutting diverti	nσ	
٠.	and sheet iro	mbling and fixing but ex	cluding erection in	· · ·	
	position(GSI		toruding orocion in	;	
- 12	position(GDI	11.2,1 7.).	a *		. 1
8 9	1.67 Cwt	@Rs: 4928/49	P.Cwt	Rs:	8,231/=
12			on trusses and testing of water		
	Tank etc (G	S I No: 3 P-91)		2	
		OD 071/04	D Coord	Rs:	453/=
4	1.67 Cwt	@Rs:271/04	P.Cwt	RS.	4557
. 1			cover with frame i/c cost of		
	1.75Cwt	(PHSINO:1,P-13) @Rs: 6985/-	P.Cwt	Rs;	12,224/=
2 2	1.75CW1	(WIG. 07037-	Total	Rs:	1,75,568/=
	CROUP 'C	" PUMP HOUISE	, , , , , , , , , , , , , , , , , , , ,	X 401	
1			ng bridges and other structure	i/c	Ħ
*			und the structure with excava		ž.
			5ft and lead upto one chain		A
		il) etc (G.S.I.NO:18 P-4			The second
	235.00Cft	- @Rs:3176/25	P%0 Cft	Rs:	746/=
	**	• mo , • consequence provide	y 9		**
2	2. Cement co	ncrete brick or stone	ballast 1 1/2" to 2" guage i	atio	
	(GSINO:4)	P-15)	w 10		
, i	i) Ratio(1:4:8		A so species and		
*	47.00 Cft	@Rs:9416/28	P% Cft	Rs:	4,426/=
	ii) Ratio(1:5:1	0)			
	ii) Ratio(1:5:1 57.00 Cft	<u>(0)</u> @Rs:8694/95	P% Cft	.Rs:	4,980/=

5. Pucca brick work in ground floor in cement sand mortor (1:6)(GSINO:4P-21) 298.51 Cft @Rs:12674/36 P% Cft Rs: 6. 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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 8. Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 85 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.¶5Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not leve the a little and approved design i/c	•
4. Erection and removal of centering for R.C.C. plain, c.c. works pertal wood (2 nd class) vertical (G.S.I.NO:18 P/20) 376.0Csft @Rs: 3127/41 P% Sft Rs: Pucca brick work in ground floor in cement sand mortor (1:6)(GSINO:4 P-21) 298.51 Cft @Rs:12674/36 P% Cft Rs: 6. 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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19) 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 8: 8: 46 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92)	\$3 H
4. Erection and removal of centering for R.C.C. plain, c.c. works pertal wood (2 nd class) vertical (G.S.I.NO:18 P/20) 376.0Csft @Rs: 3127/41 P% Sft Rs: 5. Pucca brick work in ground floor in cement sand mortor (1:6)(GSINO:4P-21) 298.51 Cft @Rs:12674/36 P% Cft Rs: 6. 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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19) 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 8: 8: 46 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92)	
376.0Csft @Rs: 3127/41 P% Sft Rs: 1 5. Pucca brick work in ground floor in cement sand mortor (1:6)(GSINO:4 P-21) 298.51 Cft @Rs:12674/36 P% Cft Rs: 6. 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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19 94.13 Cft @Rs:337/- P.Cft Rs: 31 7. Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 85 229.12 Cft @Rs:3630/- P%0Cft Rs: 85 229.15 Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"×2" 3/8"×4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 7 22.¶5Sft @Rs:726/72 P.Sft Rs: 16, P/F iron steel grill of W"x1/4" side flat iron of approved design i/c	23,679
376.0Csft @Rs: 3127/41 P% Sft Rs: 15 Pucca brick work in ground floor in cement sand mortor (1:6)(GSINO:4 P-21) 298.51 Cft @Rs:12674/36 P% Cft Rs: 6. 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 rates also i/c all kinds forms moulds lifting shuttering; curring rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 8: 9 Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x ½" square bars 4" center to center with locking arrangement (GSI.No.24 P/92)	
5. Pucca brick work in ground floor in cement sand mortor (1:6)(GSINO:4 P-21) 298.51 Cft @Rs:12674/36 P% Cft Rs: 6. 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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19) 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 8: 48 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x ½" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.¶5Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less the coat of approved design i/c	
(1:6)(GSINO:4 P-21) 298.51 Cft @Rs:12674/36 P% Cft Rs: 6. 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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19) 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 8. Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 8: 48 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x ¼" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.¶5Sft @Rs:726/72 P.Sft Rs: 16, printing 3 coats weight not leave the coat of approved design i/c	11,759/=
6. 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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 85 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x ½" square bars 4" center to center with locking arrangement (GSI.No.24 P/92)	25
6. 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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 85 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x ½" square bars 4" center to center with locking arrangement (GSI.No.24 P/92)	
shuttering ; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 83 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92)	37,834/
precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19 94.13 Cft @Rs:337/- P.Cft Rs: 31 7 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 8: 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x ½" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.¶5Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not least the 2-7 milest painting 3 coats weight painting 3 coats	
Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 83 Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x ½" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.¶5Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less than 2 Rm.	
Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 83 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.45Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less than 2 GN:	
binding wire also i/c removal of rust from bars etc (G.S.I.NO:8 P/17) 3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 83 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.75Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less than 2 G.P.	1,722/=
3.78Cwt @Rs:5001/70 P.Cwt Rs: 18 8. Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.45Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less than 2 G.P.	*,
8. Filling watering and ramming earth under floor with new earth (excavated from outside) lead one chain lift upto 5ft(GSINO:82,P-5) 229.12 Cft @Rs:3630/- P%0Cft Rs: 83 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.¶5Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less the earth under floor with new earth P.Cwt Rs: 18 Rs: 18	
229.12 Cft @Rs:3630/- P%0Cft Rs: 83 9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.75Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less than 2.75%.	8,906/=
9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x 3/4" square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.¶5Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less than 2.77 iii.	9
9. Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2" 3/8"x ³ / ₄ " square bars 4" center to center with locking arrangement (GSI.No.24 P/92) 22.¶5Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less than 2.7 III.	
22. 4 5Sft @Rs:726/72 P.Sft Rs: 16, painting 3 coats weight not less than 2.7 II.	332/=
P.Sft Rs: 16, painting 3 coats weight not less than 2.7.11	I
P.Sft Rs: 16, painting 3 coats weight not less than 2.7 II	*
painting 3 coats weight not less than 3.7 lbs of 6	5,533/=
grill(GSINO:26 P92)	
20.0000	
P.S.	15/=

Fabrication of heavy steel work with angles tees flat iron round iron and sheet iron for making trusses girders tanks etc i/c cutting diverting handling assembling and fixing but excluding erection in position(GSIN:2,P-91).		•
2.54Cwt @Rs:4928/49 P.Cwt	Rs:	12,518/=
12 Cement plaster(1:4)upto 12' ft height 3/8" thick (GSINO:11/a P-52)		· · · · · · · · · · · · · · · · · · ·
940.25 Sft @Rs:2197/52 P%Sft Cement plaster(1:6)upto 12' ft height 1/2" thick (GSINO:13(b) P-52)	Rs:	20,662/=
940.25 Sft @Rs:2206/60 P%Sft Providing and laying 1" thick topping cement concrete(1;2:4)i/c surface finishing and dividing into panels(2"Thick) (PHSINO:16,P-42)	Rs:	20,748/=
120.0 Sft @Rs:3275/50	Rs:	3,931/=
940.25Sft @Rs: 416/63 P.%Sft Colore washing (GSINo: 26 c P-56)	Rs:	3,917/=
940.25 Sft @Rs: 859/90 P%Sft 16 Painting New Surface.Preparing (Door and windows) Surface and painting of any type (i/c angle two coats (GSINO:5 (c) P-70)	Rs:	8,085/=
105.50 Sft @Rs: 2116/41 P.%Sft 17 Erection and fitting in position of iron trusses and testing of water tank etc (GSINO:3 P-91)	Rs:	2,233/=
120.00 Sft @Rs: 829/95 P%Sft F	Rs: Rs:	688/= 996/=
Total <u>R</u>	Rs: 2,30	0,610/=

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GROUP 'D' PUMPMING MACHINERY NEW /REPAIR

1. Supplying and installing in position i/c transportation to site of work at Rural Drainage Scheme Misri Jakhrijo electric pumping set consisting of A.C.electric motor of 5.50 BHP 3 phase 50 cycles 400/420 volts 960 RPM type ILA 133-4 AA60 coupled with KSB pump type (KWPZ-65-315)size 3"x2 1/2 mounted on common steel frame or base plate capable of discharging 70 gallons per minute against a head of 40 ft i/c installation of pumping set on c.c foundation ratio(1:2 4)and ratio(1:4:8) with ballast with m.s nuts and bolts of 1/2"dia to be embedded in c.c foundation i/c providing and fixing on prepared board A.C.50 cycles 3 phase 12/25 amperes trip rating push button type star delta starter complete with no volts and over load release and required i/c providing and fixing on prepared board iron (clad)triple pole and neutral switch fuse with rewire able fuse link carried 500 volts grade 30 amperes and providing and fixing volts meter 0.500 volts and amperes meter 0-50 amperes installed on metal led board i/c providing and fixing metal led board to accommodate main or sub main control switch recessed in the wall size 3'x2 1/2' i/c providing phase indication bulbs with holder providing internal electric wiring for pvc insulated wire 660 volts grade in 25 mm(1/2)G.I.plate buried in the ground at depth of (12)for base plate and testing of the pumping set against the required head for 72 hours etc complete R.A attached

1 Set @Rs: 711330/= P.Set Rs: 7,11,330/= 2. Providing and installing in position i/c transportation to site of work at Rural Drainage Scheme Bachal Wariyah Distt: Matiari 8 BHP Diesel pumping set consisting (Fixed))(Golden pump) with 2200 RPM directed coupled with non clogging pump of KSB(KWPZ 65x315 size 3"x2 1/2 with 70 FT GPM discharge against the head of 40 ft mounted on common steel frame or base i/c making cement concrete foundation ratio(1:2:4)and CC (1:4:8) with m.s. nuts and bolts of 1.04 dia to be embedded in cc foundation i/c testing or et against the required head of 72 hours etc etc pumping s) complete (R.A.Approved)

1 Set @ Rs: 524470/= P.Set Providing A.C electric motor 5.50 (Type 1LA -130-4AA60) three 3. phase 50 (siemes made) eyeles 400/420 valts of 1450 RPM (M.R)

5,24,470/-

42,602/=

Rs:

Rs:

Providing Diesef Engine 8 HP (Type chaina made) 2200RPM(M.R) self start with 12 volt battery

@Rs: 42602/=

1 No @Rs: 23400/-Repair non clogging sullage pump size 2 1/2 x3 ect complete (R.A Approved)

@Rs: 23,400/=

1 No

2 No @Rs: 10000/-

Each

· Each

Rs: 20,000/=

1	*		_				
ji	6	Providing and (rate approved)	faxing motor control 5.50 BHP	unit(MCU) type 17A K.S.E	3	
		1 No Wiring pvc conductor 300/	@Rs: 45000/- installed with 4-7-0 500 (ESINO: 32P-5)	36 (4mm)	Each from core copper	Rs:	45,000/=
	*	300.00Rft	@Rs: 108/84		P.Rft	Rs:	32,652/=
	7	Manufacturing ms sheet of 3/8 3"Dia	supplying and fixing b 6 thick(R.Approved) B	lock steel n ased on sch	ns pipe madeout of dule	f	*
	•	96.00 Rft	@Rs:385/89		P.Rft	Rs	37,045/=
		4"Dia 38.00.Rft	@Rs: 506/60		P.Rft	Rs:	19,251/=
9).	Manufacturing m.s.sheet of hol complete(R,A)	supplying M.s.flanges of the sand welding of flang	of different ges with m.s	dia made of pipe etc		
		3"Dia 16 Nos	@RS: 500/89		Each	Rs:	8,014/=
2	*	4"Dia 20 Nos	@RS: 596/75	*3	Each	Rs:	11,935/=
. 1		Supplying C.I.sl or 300 lbs sq inc 3"Dia	luice valve heavy patter ch)(SMI No2- P-10)	n(test press	ure 21 Kg sq cm		in the second
1	1.50	2 Nos	@RS: 4290/-	*	Each	Rs:	8,580/-
1		3"Dia	eflex valve heavy patte inch)(SMI NO: 6-P-11	ern(test pres	sure 21 Kg sq		
. 1	2.	2 Nos Supplying C.I.ta with holes i/c tu 3"x2-1/2"	@Rs: 1543/75 apper flat bottomed or rning and facing turning	central tape	Each ered flanged ends all size. (S M I)	Rs	3,088/=
•	. (0.51 Cwt	@RS: 6096/-		P.Cwt	Rs:	3,109/=
. 13		Supplying C.I.be facing of flanges 3"Dia 90o(F)	end with flanged end for all size.(S M I No:	s with hole 8 P-8-14)	s i/c turning and		*
	4	"Dia90o(f) =	O.D		* 7		
14	. (C.I.Tee flanged of I No:12 P No	@Rs: 6096/- ends with holes i/c turn	ing and fac	P.Cwt ing of flanges. (S	Rs:	9,997/-
	0	.45 Cwt	@Rs: 6096/-		P.Cwt	Rs:	2,743/-

400	7						
1		¥					; *
1	15	Supplying CI foo	ot valve heavy par	tern test (SmINC):4 P-12)		
	1.6	3"Dia 4 Nos Supplying CI sh	@Rs: 731/25 ort piece(SMINO	·9 P-15)	Each	Rs:	2,925/=
1 4		4"Dia 1 No	@Rs: 487/50		Each	Rs:	488/=
	17	trench i/c supply bolts with washe	.S.flanges pipes ying rubber packing ers etc complete.(1	ng of the requir	anged and inside ed thickness nuts		
	i) .	3"Dia 16.0 Joints	@Rs: 499/-	B	16.0 Joints P.Joint	Rs:	7,984/=
	ii) 18	3 Nos coils i/c c work for necess	hanging transfori ary repair @ Hyo	ner & repair of o d:and referring at	same place (R.A	Rs:	8,208/=
	£	scheme Nabi Bu 1No	HED vide his No ix Mahajor @Rs: 668	*		n	66,0007
		R. (1.	0		Each .Total	Rs:	66,800/- 15,89,621/=
	GRC 1.	beds of trenche disposal of surp Incharge provide	pipe lines in treesing sides to trees to correct level olus earth within	ue alignment and and grade cutting one chain as directly light flags and	in Soft Soil i/o I shape leveling of ng joint holes and ected by Engineer wherever required 1 P/60)	[[
		6000.00 Cft	@Rs:3600/-	a e,	P%0Cft	Rs:	21,600/=
di a	2	make) Fixing in rubber ring i/c approved) 4"Dia	trench i/c cutting	fitting and jointi	lass B (Equivalent ng with with one eter or 200ft (R.A		
		1000.00Rft	@Rs: 259/90		P.Rft	Rs:	2,59,900/=
* . *	3. i)	OF AC L SMINO	ial of A.C pressur 10P/3) (PHSINo:2 p-13)		(Stander weight		
	ii)	1 Nos C.I Bend 45"C	@Rs: 893/75 (PHSINo:1p-13)		Each	Rs:	894/=
*	4	4"Dia	@Rs: 731/25 our B class (PHS	INO:4P-4)	Each	Rs:	731/=
10 m		1 Nos	@Rs: 157/-	ř	Each	Rs:	157/-
				v*			

5	One pairs of ru PHSINO:7 P-4) 4"Dia	bber for A.C pressure	pipe B class (conet joint 1 Nos		N 2
6.	Making joint to (solvent cement)or PVC pipe line B	@Rs: 95/- "Rs: 95/- "I specials fitting (i/c la "required diameter and "C", and D" class to "C", and D" class to	Each ying of specials and cost of testing the joints along with	Rs:	. 95/-
7		@Rs:62/-	Each	Rs:	62/=
	ramming to full co	ed the stuff intrenches of the	5" thick layers i/c watering (PHSINO:24P-77)	*	
CPO)Rs:2760/-	P%0Cft	Rs:	14,904/=
		SING OF COMPOUND W OF OXIDATION POND.		Rs:	2,98,343/=
(1) JA	NGAL CLEARANC	E OF OXIDATION POND			
		removing with in 100 ft			
92 (36)	6528.00Sft @	Rs: 75/63	P%0Sft	Rs:	494/-
(II)	COLOUR WASH	OF COMPOUND WA	Total	Rs:	494/-
1	Painting old surfa	10 mm		18	
	Any type i/c three	ces (c) painting doors a coats (G S I No: 4 c P-	nd windows 68)	,	94 20
	144.00Sft	@Rs: 1662/21	68) P%Sft	Rs:	2 394/=
2	144.00Sft Distempering (b) Compound wall	@Rs: 1662/21 two costs (GSINo:24P-	68) P%Sft	Rs:	2,394/=
	144.00Sft Distempering (b)	@Rs: 1662/21	68) P%Sft	Rs:	2,394/=
	144.00Sft Distempering (b) Compound wall 2800.0Sft	@Rs: 1662/21 two costs (GSINo:24P-: @Rs: 1043/90	P%Sft P%Sft Total		
<u>OII)R</u>	144.00Sft Distempering (b) Compound wall 2800.0Sft	@Rs: 1662/21 two costs (GSINo:24P- @Rs: 1043/90 UR WASHING OF PU	P%Sft 54) P%Sft Total MP HOUSE.	Rs:	29,229/=
<u>(JII)R)</u> 1. R	144.00Sft Distempering (b) Compound wall 2800.0Sft EPAIR & COLOR	@Rs: 1662/21 two costs (GSINo:24P-	P%Sft 54) P%Sft Total MP HOUSE.	Rs:	29,229/=
011)Ri 1. Ri 38 2 Ce	Distempering (b) Compound wall 2800.0Sft EPAIR & COLOR emoving Cement p 36.25Sft ement plaster 1:4 u	@Rs: 1662/21 two costs (GSINo:24P- @Rs: 1043/90 UR WASHING OF PU laster or lime plaster (G	P%Sft P%Sft Total MP HOUSE S I,No:53P-13)	Rs:	29,229/=
1. R 2 38 2 Co 38 3. W	Distempering (b) Compound wall 2800.0Sft EPAIR & COLOI emoving Cement p 36.25Sft ement plaster 1:4 u 36.25 Sft	@Rs: 1662/21 two costs (GSINo:24P- @Rs: 1043/90 UR WASHING OF PU laster or lime plaster (G	P%Sft 54) P%Sft Total MP HOUSE.	Rs:	29,229/= 31,623/=

Distempering 3 coots (GSINo: 24(b)P54 4

873.75 Sft

@Rs: 1079/65

P% Sft

Rs: 9433/-

Painting old surfaces (c) painting doors and windows 5. any type i/c three coats (G S I No: 4 c P-68)

85.50Sft

@Rs: 1662/21

P% Sft

Rs: 1,421/-

Total

Rs: 21,005/=

ABSTRACT

1.	Repair of Surface Drains I/C Sludge Clearance		D.	
2.	9		Rs:-	11,31,371/-
4.	Collecting Tank Size (12 Dia)		Rs:-	5,59,816/-
3.	Inter Connection		Rs:-	7,760/-
4.	Screening Chamber size 8'x5'(2 Nos)		Rs:-	1,75,568/-
5.	Pump House		D.	2
6.	Pumping Mocking N. Co.		Rs:-	2,30,610/-
0.	Pumping Machinery New/Repair		Rs:-	15,89,621/-
7.	Rising Main 4 Dia		Rs:-	
8.	Jangal Clearance of Oxidation Pond		NS:-	2,98,343/-
			Rs:-	494/-
9.	Colour Wash of Compound Wall		Rs:-	21 (22)
10.	Repair & Colour Washing of Pump House		NS	31,623/-
	r asiming of Pump House	C.m.	Rs:-	21,005/-
	2	G.Total	Rs:	40,46,211/-

CONDITIONS.

- Any error or omissions in the description of items, rates, unit quantity & 1 Calculation will be governed by the relevant schedule of rates.
- 2. The contractor must remove the surplus earth, material, Garbage from Site of work on his own cost.
- No premium will be allowed on non-schedule items & market rates. 3.
- No separate cartage will be paid to the contractor. 4.
- 5. The work will be completed within specified period.
- The contractor is bound the work will be carried out as per agreement 6. and standard PWD specification.

CONTRACTOR

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME MISRI JAKHREJO TALUKA & DISTRICT MATIARI

ABSTRACT OF COST

	* 9	Total Rs: - 1,182,080/-	Total Rs: - 1,182
(C)	ANNUAL MAINTENANCE	Rs: - 200,000/-	Rs: - 200,
(B)	ELECTRICAL / MECHANICAL	Rs: - 730,080/-	Rs: - 730,
(A)	ESTABLISHMENT	Rs: - 252,000/-	Rs: - 252,

ASSISTANT ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION

MATIARI

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME MISRI JAKHREJO TALUKA & DISTRICT MATIARI

(A)	ESTABLISHMENT		* * *			
	(i) Pump Operator 1					
	1 x 12 =12 Months		@Rs: - 7,000/-		P/Month	Rs: - 84,000/-
	(ii) Helper / Chowkid	ar 1 No: (2				
	1 x 12 =12 Months	·	@Rs: - 7,000/-		P/Month	Rs: - 84,000/-
	(lii) Sweeper 1 No: (2970-90-5670)					8 n.
	1 x 12 =12 Months		@Rs: - 7,000/-		P/Month	Rs: - 84,000/-
			<u> </u>		Total;	Rs: - 252,000/-
(B)	ELECTRICAL & ME	CHANICAL	CHARGES			<u> </u>
i)	Electricity consun		CHARGES	설		
•		1+0	9.00 200			
	(1,2, x 3.3	0 x0.746 x	8.00 x 300	= 1969	94.40 Units	
	19694.40	Jnits	@Rs: - 20/-		P/Unit	Rs: - 393,888/-
	DIESEL PUMPING	MACHINE	RY			
ii)					ā	
	(1x2) x 8.00 x 0.22 x 8.00 x 65			= 1830	0.40 Liters	
	1830.40 U	nits	@Rs: - 105/-		P/Liter	Rs: - 192,192/-
iii)	Oil Lubrication cot	ton waste.			8	
	(1x4) x 12 = 48	Months	@Rs: - 3,000/-		P/Month	Rs: - 144,000/-
					Total	Rs: - 730,080/-
	(C) ANNUAL REPAIR	CHARGES	3.			
	Minor repair civil				Rs: - 200,000/-	
					Total;	Rs: - 200,000/-
					C	
					Grand Total	Rs: - 1,182,080/-
			t.			

ASSISTANT ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION

MATIARI

SHEDULE 'B'

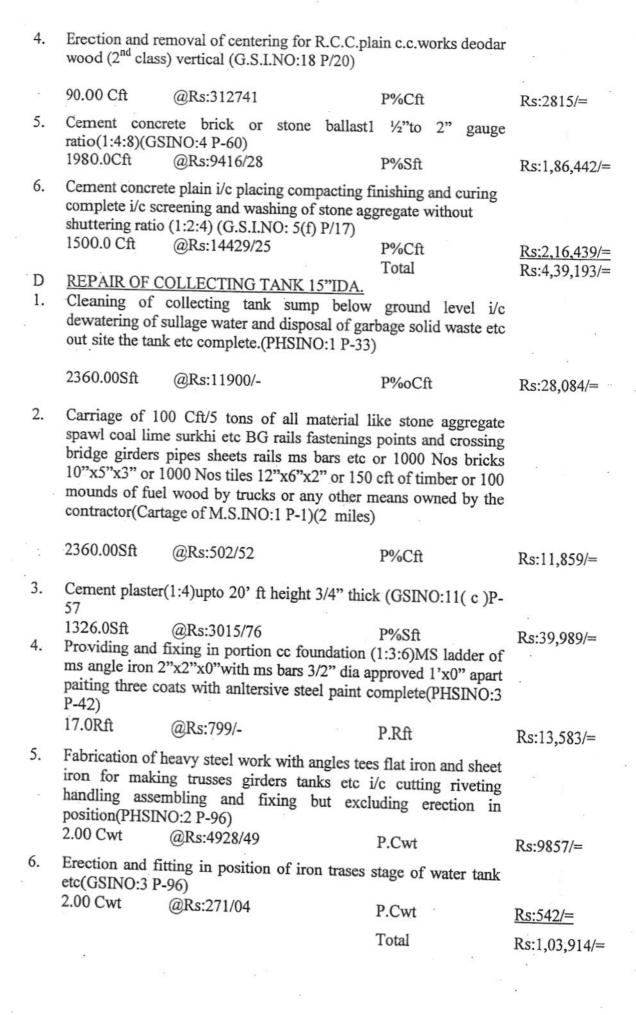
NAME OF WORK:

REHABILITATION OF RURAL DRAINAGE SCHEME KHANDO TALUKA HALA DISTRICT MATIARI::::::

S# **ITEM** QTY RATE UNIT AMOUNT. CONSTT:OF SURFACE DRAINS(REPAIR/TOWN. A. Earth work excavation in ashes sand soft soil or silt clearance 1. undressed lead upto 50ft(GSINO: 2 P-1) 8990.0Cft @Rs:1663/75 P‰Cft Rs:14,957/= 2. Dismantling cement concrete plain ratio (1:2:4)(GSINO:19(c) P-11) 675.00 Cft @Rs:3327/55 P%Cft Rs:22,460/= Dismantling brick work in lime or cement mortar 3. (GSINO:13 P-11) 416.00 Cft @Rs:1285/63 P%Cft Rs:5348/= Dismantling CC reinforcement separating reinforcement from concrete cleaning and straightening the same (GSINO:20P-10) 66.60 Cft @Rs:5445/-P%Cft Rs:3626/= Extra for every 50ft additional or part thereof (a)For earth work 5. soft ordinary hard and very hard(GSINO:8(a) P-2) 10147.60 Cft @Rs:3023/40 P‰Cft Rs:30,680/=6. Excavation in foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lift upto 5ft and lead upto one chain (In ordinary soil) etc (G.S.I.NO:18 P-4) 6113.80Sft @Rs:3176/25 P%Cft Rs:19,419/= Excavation for pipe lines in trenches and pits in Soft Soil i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards light flags and wherever required lift upto 5ft and Lead upto one chain (P.H.S.I.NO:1 P/46) 72.00Sft @Rs:3600/-P%oCft Rs:259/= Providing R.C.C.and collars of class-B and fixing in trenches i/c 8. cutting and jointing with maxphalt composition and cement mortor (1:1)1/2"(P.H.S.I.NO: 2 P-17) 40.00Rft @Rs:163/-P.Rft Rs:6520/=

9.	- Transfer one	cavated the stuff in trenche full compaction etc compl @Rs:2760/-	es 6" thick layers i/c waterin ete. (PHSINO:24P-54) P%oCft	g Rs:179/=			
10	. Cement conc complete i/c shuttering rat	pacting finishing and curing stone aggregate without P/77)					
	1278.15Cft	@Rs:11288/75	P%Cft	Rs:1,44,287/=			
11	(1:6)(GSINO	13.1,44,20//-					
10	9201.15Cft	@Rs:11948/36	P%Cft	Rs:10,99,387/=			
	12. Construction of standard open drains connute block of C.C. (1:2:4 situ to the design profiles i/c cost of modules as per drawing i/c supplying floating cost of cement 1/3"thick to the exposed surface finished smooth curing etc complete as per detailed drawing						
i)	T-I N/Old D						
	2048.0Rft	@Rs:94//-	P.Rft	Rs:1,92,512/=			
ii)	T-I N/Old D 1520.0Rft	OP 1741	5) (8				
10		@Rs:174/-	P.Rft	Rs:2,64,480/=			
13	Cement plaste 57)	Cement plaster(1:4)upto 20' ft height ½" thick (GSINO:11(c)P-					
	20170.00Sft	@Rs:2283/93	P%Sft	Rs:4,60,669/=			
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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) P.C.C.							
	columns rafts l	at .					
15	precast laid in 307.77 Cft Fabrication of cutting bending cost of binding (G.S.I.NO:7 P/	Rs:1,03,718/=					
	10.99Cwt	@Rs:5001/70	P.Cwt	Rs:54,969/=			
B 1.	REPAIR OF C	OMPOUND WALL	Total ent mortar (GSINO:13 P-	Rs:24,23,47/=			
	10) 59.94 Cft						
2.		@Rs:1285/63	P%Cft	Rs:771/=			
	100.00 Cft	@Rs:1306/80	(1:3:6) (GSINO:19 P-10) P%Cft	Rs:130/=			

3.	Erection and deodar wood(
	2088.00Sft	@Rs:3127/41	P%Sft	Rs:65,300/=
4.	shuttering rati	rete plain i/c placing screening and washing o(1:3:6)(GSINO:5 P-17	compacting finishing curing of stone aggregate without	
	1051.50Cft	@Rs:12595/-	P%Cft	Rs:1,32,436/
5.	neight(GSINC	ork other then building 0:7 P-26)	i/c stricking of joint upto 20'	ĸ
	583.50 Cft	@Rs:12346/65	P%Cft	Rs:71,981/=
6.	Cement plaste 57	er(1:4)upto 20' ft height	1/2" thick (GSINO:11(c)P-	
	2926.00Sft	@Rs:2283/93	P%Sft	Rs:66,828/=
7.	including angl	ing steel grated doors wi e iron frame 2"x2" 3/8"; cking arrangement (GSI. @Rs:726/72	X 3/4" square hars 4" center to	Rs:52,324/=
8.	Distempering	three coat(GSINO:24 P	-59)	10.52,5247
	2926.00Sft	@Rs:1079/65	P%Sft	Rs:31,591/=
9.	Painting New Preparing surfacedges) three control 144.05ft	Surface ace and painting of door oats(GSINO:5P-77) @Rs:2116/41	and window any type (i/c P%Sft	Rs:3047/=
С	C.C.BLOCK.		Total	Rs:4,24,408/=
1.	Barrow pit ex (GSINO:3 P-1))	d upto 100 ft ordinary soil	
2.	2886.20Cft Earth work comin 6" layers le complete (GSI) 900.00Cft	NO:13(b)P-13)	P‰Cft or hard soil)(b) Laying earth vatering for compaction etc	Rs:6112/=
3		@Rs:354/-	P‰Cft	Rs:3186/=
3.	bridge girders 10"x5"x3" or 1 mounds of fuel contractor(Carta	pipes sheets rails ms b 000 Nos tiles 12"x6"x2" wood by trucks or any age of M.S.INO:1 P-1)	aterial like stone aggregate stenings points and crossing ars etc or 1000 Nos bricks or 150 cft of timber or 100 other means owned by the	
	2886.20Cft	@Rs:502/52	P%Cft	Rs:14,504/=



	1989 A. C.	
E. 1.	REPAIR OF STAFF QUARTER Dismantling CC reinforcement separating reinforcement from concrete cleaning and straightening the same (GSINO:20P-10)	
	115.70Cft @Rs:5445/- P%Cft	Rs:6300/=
2.	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 rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19	
	147.26 Cft @Rs:337/- P.Cft	Rs:49,627/=
3.	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars etc (G.S.I.NO:7 P/20)	
4.	5.91 Cwt @Rs:5001/70 P.Cwt Making fixing streel grated door with 1/16" sheeting i/c angle frame 2"x2"x/8" and 3/4" panel(GSINO:27 P-98)	Rs:29,560/=
5.	Cement plaster(1:4)upto 20' ft height 3/8" thick (GSINO:11(b)P-57)	
6.		Rs:28,581/=
0.	Cement plaster(1:4)upto 20' ft height ½" thick (GSINO:11)P-53) 1300.62Sft @Rs:2206/60 P%Sft	
7.	Providing and laying 2" thick topping cement concrete(1;2:4)i/c surface finishing and dividing into panels (PHSINO:16,P-41)	Rs:28,699/=
8.	192.00Sft @Rs:3275/50 P%Sft White wash three coats(GSINO:26P-59)	Rs:6289/=
0	192.00Sft @Rs:829/95 P%Sft	Rs:1594/=
9.	White wash one coat(GSINO:26P-59) 1300.62Sft @Rs:416/63 P%Sft	Rs:5410/=
10	Colour wash two coats(GSINO:25P-55) 1300.62Sft @Rs:859/90 P%Sft	•
11	Painting New Surface.Preparing (Door and windows) Surface and painting of any type i/c edges two subsequent cost over primary coat three coats (GSINO:4 P-68)	Rs:11,184/=
ě.	105.50Sft @Rs:2116/41 P%Sft	Rs:2233/=

12	sheet iron for riveting hand	making trusses girde	angles tees flat iron and rs tanks etc i/c cutting fixing but excluding P.Cwt	
13	Erection and f tank etc(GSIN 2.54 Cwt	Otting in position of ire Ot3 P-96) ORs:271/04	on trases stage of water	
. 14.	S/F in position of approved do 30.00 Cwt	•	x1/4' size flat iron steel	
15.	Providing an concrete(1;2:4 (PHSINO:16,I 350.62Sft	nd laying 1-1/2" the laying are surface finishing are 2-46) @Rs:2548/29	hick topping cement and dividing into panels P%Sft	
F. 1.	Dismantling	e cleaning and str	Total parating reinforcement raightening the same	
	78.95Cft	@Rs:5445/-	P%Cft	Rs:4299/=
2.	R.C.C. work i/steel reinforcer which will be proms moulds finishing the exshingle (a) RC lintels and other in position in a 100.49 Cft	Rs:33,864/=		
3.	Fabrication of i/c cutting bend fastening i/c co from bars etc (4.04 Cwt	Rs:20,206/=		
4.	Making fixing frame 2"x2"x/8 22.75 Sft	@Rs:5001/70 steel grated door with 1 3" and 3/4" panel(GSINO @Rs:726/72	P.Cwt 1/16" sheeting i/c angle D:27 P-98) P.Sft	
5.	Cement plast (GSINO:11(b) 942.00 Cft	ter(1:4)upto 20' ft)P-57) @Rs:2197/52	height 3/8" thick P%Sft	Rs:20,701/=

		24		
	6.	(GSINO:11)P-53)	2" thick	
		942.00Sft @Rs:2283/93	P%Sft	Rs:20,786/=
, i	7.	concrete(1;2:4)i/c surface finishing and (PHSINO:16,P-41)	topping cement dividing into panels	
	8.	120.0Sft @Rs:3275/50	P%Sft	Rs:3930/=
8:	0.	White wash three coats(GSINO:26P-59)		
		204.00Sft @Rs:829/95	P%Sft	Rs:1693/=
9	9.	White wash one coat(GSINO:26P-59)		
		942.00Sft @Rs:416/63	P%Sft	Rs:3925/=
	10	Colour wash two coats(GSINO:25P-55)	*	
		942.00Sft @Rs:859/90	P%Sft	Rs:8100/=
	11	Painting New Surface Preparing (Door as Surface and painting of any type i/c edge cost over primary coat three coats (GSIN	e two aubaness	*
		105.50Sft @Rs:2116/41	P%Sft	Rs:2233/=
3.	12	Fabrication of heavy steel work with anglesheet iron for making trusses girders tariveting handling assembling and fixing erection in position (PHSINO:2 P-96)	nke ata i/a anti	
		2.54 Cwt @Rs:4928/49	P.Cwt	Rs:12,518/=
		Erection and fitting in position of iron trastank etc(GSINO:3 P-96)	es stage of water	
		2.54 Cwt @Rs:271/04	P.Cwt	<u>Rs:688/=</u>
	G	REPAIR OF AC RISING MAIN 6"DIA.	Total	Rs:1,49,476/=
	1.	excavation for pipe lines in trenches and mis	ts in Soft Soil i/c	9
		trimming and dressing sides to true alignme of beds of trenches to correct level and grad and disposal of surplus earth within		,
		wherever required lift upto 5ft and Lead upto (P.H.S.I.NO:1 P/46)		
* q	2.	5315.62Cft @Rs:3600/- Providing laying jointing and testing AC p and fixing intrenches i/c cutting fitting and	P‰Cft pressure pipes B clas	Rs:19,136/=
		rings i/c testing water to a head of ft(PHSINO:D(I)P-20)	jointing with rubbe 122 meter or 40	r 0
		6"Dia 675 Rft @Rs:397/19	P.Rft	Rs:2,68,171/=

8 3						
	3.	Supplying C.I. weight of ACII	special for AC press (PHSINO:(M) P-12)	sure pipe	B class(Sandard	e * 400
8	i)	C.I.Bend 90o 6"Dia	1 2			
	;;)	1 No	@Rs:2212/50		Each	Rs:2213/=
4	11)	C.I.Jibault Joint 6"Dia 16.00 Nos	@Rs:1062/50		Each	Rs:17,000/=
	4.	Supplying AC (6"Dia	Collars B class(PHSIN	NO:4P-5)		163.17,000/-
		2 Nos	@Rs:194/-		Each	Rs:388/=
	5.	6"Dia	ober rings for AC pre IO:7 P-6)	ssure pipe	B class (Comet	
		2 Pairs	@Rs:129/-		P.Pair	Rs:258/=
*	6.	required tha met	o CI speiclas fitting fer and testing the joint pressure and making NO:1 P-56)	allowed w	rith 10 -1- 1'	
	*	2 Joints	@Rs:129/-	*	P.Joint	Rs:144/=
	7.	Refilling the exc ramming to full	avated stuff intrenches compaction etc comple	6"thick la	Mara ila mata:	
		4784.05Cft	@Rs:2760/-		P‰Cft	Rs:13,204/=
	8.	arcticit i/c suppl	S.flanges pipes and splying rubber packing of vashers etc complete.(P	of the rec	mired thickness	9
8		16 Joints	@Rs:938/-		P.Joint	Rs:15,008/=
	t. 12	Manufacturing S pipe madeout M confirming to AF asphalt coated in laying jointing v water minimum below (PHSINO:				
3		10.00.0	@Rs:1207/40		D. D. O.	
			m16.1207/40		P.Rft	Rs:48,296/=
					Total	Rs:3,83,818/=

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PROVIDING/INSTALLING PUMPING MACHINARY.

1. Supplying and installing in position i/c transportation to site of work at Khando electric pumping set consisting of A.C.electric motor of 10 BHP 3 phase 50 cycles 400/420 volts 1450 RPM type 65-215(3x2 1/2') size "mounted on common steel frame or base plate capable of discharging 365gallons per minute against a head of 70 ft i/c installation of pumping set on c.c foundation ratio(1:24) with m.s nuts and bolts of 5/8"dia to be embeded in c.c foundation i/c providing and fixing on prepared baord A.C.50 cycles 3 phase 12/25 ampers trip rating push button type star delta starter complete with no volts and over load release and required i/c providing and fixing on prepared board iron (clad)triple pole and neutral switch fuse with rewireable fuse link carried 500 volts grade 30 ampers and providing and fixing volts meter 0.500 volts and ampers meter 0-50 ampers installed on metalled board i/c providing and fixing metalled board to accomadate main or sub main control switch recessed in the wall size 3'x2 1/2' i/c providing phase indication bulbs with holder and providing internal eletric wiring for main with 3-7/0.83(7/0.036) pvc insulated wire 660 volts grade in 25 mm(1")G.I.plate burried in the ground at depth 3.7 m (12ft) for base plate and testing of the pumping set against the required head for 72 hour etc complete. 1 No @Rs:728670/-

Rs:7,28,670/=

Manufacturing Supplying MS pipe made out of MS sheet of 2. 3/16" thick cutting bending folding to correct curvature and shape i/c welding etc complete (R.A)

(i) 4Dia

32.0 Rft

@Rs:506/60

P.Rft

Rs:16,211/=

3"Dia (ii)

84.0Rft

@Rs:385/89

Rs:32,415/=

Rewinding of electric motor 10 BHP 3 phase 400/440 volt 3. 50 cycles with best quality insolated copper wire of required Guage i/c testing on load with satisfactory result upto one weeks Time opening and refitting and replacing the bolts of necessary Excluding the cost of work out material (GSINO:97 (c)P-111)

1 No

@Rs:10599/-

Each

Rs:10,599/=

Repair of on clogging sullage pump 3x2 1/2" etc complete.(R.A)

1 No

@Rs:10000/-

Each

Rs:10,000/=

Manufacturing supplying M.S.flanges of 3/16" Dia made out 5 3/8 of flange cutting bending folding to correct curvature and shape i/c welding etc complete(R.A.Approved)

i) 6"Dia

8 Nos

@Rs:596/75

Each

Rs:5968/=

ii)	4"Dia			
_	12 Nos	@Rs:502/89	Each	Rs:6011/=
6.		ce(SMINO:9 P-15)		10011/
*	1 No	@Rs:518/75	Each	Rs:619/=
7.	Supplying C.	I.bend with flanged	l ends with holes i/c turning	59
	and lacing of	flanges for all size.	(PHSMINO:8 P-14)	
	0.63Cwt	@Rs:6096/-	P.Cwt	Rs:3840/=
8	Supplying C.	I.tapper2 ½ x 3 fl	at bottomed or central tapered	· · · · · ·
	for all size. (F	PHSMINO:9 P-14)	ing and facing turning flanges	3
	0.20Cwt	@Rs:6096/-	P.Cwt	Rs:1219/=
9	C.I.Tee flange flanges. (PHS	ed ends with holes in MINO:12 P-14	c turning and facing of	
	0.20Cwt	@Rs:6096/-	P.Cwt	Rs:1341/=
10	Supplying C.I sq cm or 300	Reflex valve heavy lbs sq inch) comple	y pattern(test pressure 21 Kg te(SMI NO:6 P-11)	
	6"Dia			
	2 Nos	@Rs:1543/75	Each	Rs:3088/=
11	(~1.21.10.51-)	fixing C.I.foot valv	ve heavy pattern test pressure	W .
	4 Nos	@Rs:731/25	Each	Rs:1463/=
12	Supplying C.I. cm or 300 lbs: 6"Dia	sluice valve heavy psq inch) complete(P	pattern(test pressure 21 Kg sq HESINO:2 P-10)	, ·
	2 Nos	@Rs:4290/-	Each	Rs:8580/=
13	nuts bolts with	washers etc comple	d specials flanged and inside king of the required thickness ete.(PHSINO:1 P-35)	
i)	4 Diaiz Join	@Rs:499/-	P.Joint	Rs:5985/=
ii)	6"Dia 8 Joint	@Rs:513/-	P.Joint	Rs:4104/=
17	DED . —		Total	Rs:8,40,116/=
K 1.	changing of oil Hyderabad and	from disposal work	repair of 3 Nos coils i/c s for necessary repair at lace(Rate approved) (R.A :573 dt:26/2/2011 Each	
	178	· · · · · · · · · · · · · · · · · · ·	Total	Rs:66,800/= Rs:66,800/=
*			4%	,000/-

ABSTRACT.

A.	CONSTT:OF SURFACE DRAINS(R//NEW)	RS:24,23,471/=
В.	REPAIR OF COMPOUND WALL	RS: 4,24,408/=
C.	REPAIR OF CC BLOCK	RS: 4,39,193/=
D.	REPAIR OF COLLECTING TANK	RS: 1,03,914/=
E.	REPAIR OF STAFF QUARTER	RS: 2,13,575/=
F.	REPAIR OF PUMP HOUSE	RS:1,49;476/=
I.	REPAIR OF RISING MAIN 6"DIA	RS:3,83,818/=
G.	P/F PUMPING MACHINARY(M&E)	RS:8,40,116/=
K.	R/OF TRANSFORMER & SERVICE WIRE	RS: 66,800/=
	TOTAL	RS:50 44 771/=

CONDITION

- The rate should be inclusive of all the taxes i.e. sales tax. Octroi, Royalties etc if 1. 2.
- No separate carriage will be allowed to the finance/Contractors. 3.
- No premium will be allowed on non schedule item. 4.
- Sweet water will be sued in construction work.
- The testing of the work will be arranged by the Firms/Contractors at his cost no 5. separate payment will be made.
- Any error or omission in the specification item will be governed by the relevant 6. specification and schedule of rate.
- The decision of the Project Director Shall be final and binding on all the parties in 7.

Contractor.

EXECUTIVE ENGINEER PUB.IC HEALTH ENGG: DIVISION MATIARI.

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME KHANDO TALUKA HALA DISTRICT MATIARI

ABSTRACT OF COST

(A) ESTABLISHMENT Rs: - 336,000/
(B) ELECTRICAL / MECHANICAL Rs: - 474,000/
(C) ANNUAL MAINTENANCE Rs: - 200,000/
Total Rs: - 1,010,000/-

ASSISTANT ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION
HALA

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION

MATIANI

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME KHANDO TALUKA HALA DISTRICT MATIARI

(A)	ESTABLISHMENT			
(i) Pump Operator 1 No: (3240	0 -140-7440)		
1	x 12 =12 Months	@Rs: - 7,000/-	P/Month	Rs: - 84,000/-
(ii) Helper / Chowkidar 1 No: ((2970-90-5670)		3 1,000)
1	x 12 =12 Months	@Rs: - 7,000/-	P/Month	Rs: - 84,000/-
(lii) Sweeper 1 No: (2970-90-5	670)		
2	x 12 = 24 Months	@Rs: - 7,000/-	P/Month	Rs: - 168,000/-
20.0			Total;	Rs: - 336,000/-
<u>(B)</u>	ELECTRICAL & MECHANICA	L CHARGES		
i)	Electricity consumption			
	1 x 8 x 10x 0.75 x 36		.00 Units	
	21900.00 Units Oil Lubrication cotton wast	@Rs: - 20/-	P/Unit	Rs: - 438,000/-
	1 x 12 = 12 Months	@Rs: - 3,000/-	P/Month	Rs: - 36,000/-
	26		Total	Rs: - 474,000/-
(C)	ANNUAL REPAIR CHARGES			
	Minor repair civil electric &	Mechanical works etc:		Rs: - 200,000/-
			Total;	Rs: - 200,000/-
			Grand Total	Rs: -1,010,000/-
				-

ASSISTANT ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION
HALA

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION
MATIARI

SCHEDULE 'B'

NAME OF WORK :- REHABILITATION OF RURAL DRG: SCHEME OLD SAEEDABAD TALUKA SAEEDABAD DISTRICT MATIARI.....

S	DECORDAR					***************************************
#	DESCRIPTIO		QTY	RATE	UNIT	AMOUNT.
A	CONSTT: OF SU	JRFACE DRA	INS(REPAI	R/NEW)	43	*
1.	Lai iii work excav	ation in ashes s	and soft soi	or silt clearar	ice undressed lead	
	upto 50ft(GSINO: 6970.00Cft	2 1-1).			andressed lead	
	0970.00CH	@Rs:16	63/75	P‰ Cft		Rs:11,596/=
2.	Dismantling brick	work in lime o	or cement m	ortar (GSINO:	13 P-11)	1,000
	2109.37 Cft				•	
3.				P%Cft		Rs:27,119/=
٠.	cleaning and straig	reinforcement	separating	reinforceme	ent from concrete	
	47.52 Cft	@Rs:5445/-	ne (GSINO	:20P-10)		
4.	Dismantling CC n		D (555	P%Cft		Rs:2587/=
	Dismantling CC pl	iainn ratio (1:2:	4) (GSINO	:19 (c) P-11)		
	287.93Cft	@Rs:3327/50		P%Cft		
5.	Extra for every 50			170CI		Rs:9581/=
	Extra for every 50 hard and very hard	(GSINO-8(a) P	part thereo	(a)For earth	work soft ordinary	10
	9414.82 Cft	@Rs.4243/76		P%oCft		1
6.	Excavation in four belling dressing re	ndation of bu	ildina buil		structure i/o dos	Rs:39,851/=
	belling dressing re	filling around	the structure	with excava	ted earth watering	*
	ramming lift upto (G.S.I.NO:18 P-4)	o 5ft and lead	d upto one	chain (In c	ordinary soil) etc	
	00'	@Rs:3176/25				
	9		0.00	P‰Cft		Rs:25,594/=
7.	Cement concrete pl	ain i/c placing	compacting	finishing and	curing complete	
	D	mining of Stolle	aggregate v	without shutter	ring ratio (1:4:8)	
	100-	·)			1.4.0)	
		@Rs:11288/75		P%Cft		Rs:2,06,245/=
8.	Pucca brick work		ion and p	linth in cem	ent sand mortor	, , , , , , , , , , , , , , , , , , , ,
	(1:6)(GSINO:4P-22	•)			July mortor	*
	(*)	@Rs:11948/36		P%Cft	14	Rs:10,23,377/=
9.	Construction of star	ndard open drai	ns connute l	block of C.C.(1:2:4 situ to the	
	design proffles I/C C	ost of modules	as per draw	ing i/o gummler	A1.	
	of cement 1/3 thick	to the exposed	surface fin	shed smooth	curing etc	
i)	complete as per deta T-A 2400Rft	alled drawing aRs:94/-		D DA		
		@Rs:174/-		P.Rft P.Rft		Rs:2,25,600/=
10	Cement plaster(1:4)	upto 20' ft heis	thic		:11(c)P-57	Rs:87,000/=
	17486.0Sft (@Rs:2283/93		P%Sft	.11(0)1-37	Rs:3,99,368/=
						,5001

			e Santa			
	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 rates also i/c all kinds forms moulds lifting shuttering ;curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rafts lintels and other structural member laid in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19					
	311.0 Cft	@Rs:337/-	P.Cft	Rs:1,04,807/=		
12	wire also i/c remova	d steel reinforcement for position making joints and of rust from bars etc (G.S @Rs:5001/70	P.Cwt	Rs:55,519/=		
\mathbf{B}	R/ OF COMPOUN	D WALL COLLG: TANK	Total SCP/CHAMB.	Rs:22,18,244/		
1	ft(GSINO:7P-22)	in other then building	i/c stricking of joints upto 20			
	435.37 Cft @	Rs:12346/65	P%Cft	Rs:53,754/=		
2.	Cement plaster(1:4) 2190.00Sft @	upto 20' ft height 1/2" thic Rs:2283/93	k (GSINO:11(B) P-52) P%Sft	Rs:50,018/=		
3.	Distempering three 2190.00Sft @	coats(GSINO:24,P-59) Rs:1079/65	P%Sft	Rs:23,644/=		
4.	Painting New Surface	ce. Preparing Surface and	painting of door and windows			
	mis type he edges t	hree coats (GSINO:4 (c) P	2-68)			
12.1	144.08ft @	Rs:1662/21	P%Sft	Rs:2394/=		
C	COLLECTING TAI	NK SCREENING CHAME	BER.			
1.	complete.(PHSINO:	usposal of garbage solid i	round level i/c dewatering of waste etc out site the tank etc			
2.	Cement plaster(1:4)	Rs:11900/- upto 20' ft height 1/2" thicl Rs:2283/93	P‰Cft k (GSINO:11 P-52) P‰Sft	Rs:10,509/=		
0	,,-	*	Total	Rs:19,699/=		
C 1.	C.C.BLOCK.	-		Rs:1,60,018/=		
1.	(OSINO:3 P-1)	on undressed lead upto 100	ft ordinary soil			
2.	Earth compaction (Rs:2117/50 Soft ordinary soil)(b)Layi mpaction etc compt:(GSIN	P%oCft ng earth in 6"layers leveling	Rs:10,719/=		
	13120.00Cft @	Rs:354/-	P%oCft	D4644/		
3.	Erection and remova class) vertical (G.S.I.	l of centering for R.C.C.pla NO:18 P/20)	ain c.c.works deodar wood (2 nd	Rs:4644/=		
	628.00 Cft @	Rs:3127/41	P%Sft	Rs:19,640/=		

4.	(1:4:8)(GSINO:4 P-7)	0
5.	P%Sft	Rs:4,07,687/
	3280.00 Cft @Rs:14429/25 P%Cft	D - 4 72 070
6.		Rs:4,73,279/=
	5062.0 Cft @Rs:4232/76 P%oCft	Rs:21,426/=
. D	REPAIR OF STAFF QUARTER Dismantling CC reinforcement	Rs:9,37,395/=
	Dismantling CC reinforcement separating reinforcement from concrete cleaning and straightening the same (GSINO:20P-10) 115.70Cft @Rs:5445/- P%Cft	
2.	R.C.C. work i/c all labour and material assessed	Rs:6300/=
	rates also i/c all kinds forms moulds lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RCC work in roof slab beams columns rofe limitals.	**
	in situ or precast laid in position in all respect ratio(1:2:4)et (G.S.I.NO:5 P/19 147.26 Cft @Rs:337/- P.Cft	
3.	Fabrication of mild steel reinforcement for	Rs:49,627/=
	wire also i/c removal of rust from bars etc (G.S.I.NO:7 P/20)	
4.	Making fixing stree grated door with 1/16" sheeting i/c angle frame 2"x2"x/8" and 3/4" panel square bars 4" center to centre with local-	Rs:29,560/=
	22.75 Sft (QD::726/72)	
5.	Cement plaster(1:4)upto 12' ft height 3/8" thick (GSINO:11(b)P-52)	Rs:16,533/=
6.	Cement plaster(1:4)upto 12' ft height 1/2" thick (GSINO:13 P-52)	Rs:28,581/=
7	@/NS.2200/00 P%Sft	Rs:28,699/=
i)	Providing and laying 2" thick topping cement concrete(1;2:4)i/c surface finishing and dividing into panels (PHSINO:16,P-41)	å.
	192.00Sft @RS:3275/50 P%Sft	Rs:6289/=
	1½"thick @Rs:2548/29 P%Sft	Rs:8935/=
8.	White wash three coats(GSINO:26P-59) 192.00Sft @Rs:820/05	
	192.00Sft @Rs:829/95 P%Sft	Rs:1594/=

. .

٠.	white wash one	coat(GSINO:26P-59)		
	1300.62Sft	@Rs:416/63	P%Sft	Rs:5419/=
10	Distempering tv	wo coats.(GSINO:25P-5	4)	10.0117/
84	1300.62Sft	@Rs:859/90	P%Sft	Rs:11,184/=
11	Painting New Stany type i/c edg	urface.Preparing (Door ges coats (GSINO:5 P-	and windows) Surface and painting of 70)	
	105.50Sft	@Rs:2116/41	P%Sft	Rs:2233/=
12	- B acces	neavy steel work with a girders tank etc i/c cutt gerection in position (G. @Rs:4928/49	ingles tees flat iron and sheet iron for ting riveting handling assembling and S.I.NO:2 P/91) P%Sft	
13	Erection and fitt	ing of iron trusses stagi	ng of water tank etc(GSINO:3 P-91)	Rs:12,518/=
	2.54 Cwt	@Rs:271/04	P.Cwt	Da:600/_
		1	Total	Rs:688/= Rs:2,08,160/=
E 1	dressing sides to correct level and one chain as dire and wherever rep/46) 1418.00Cft Providing laying intrenches i/c cut	grade cutting joint hole cted by Engineer In cha quired lift upto 5ft and @Rs:3600/-	nd pits in Soft Soil i/c trimming and hape leveling of beds of trenches to s and disposal of surplus earth within rge providing fence guards light flags Lead upto one chain (P.H.S.I.NO:1 P%oCft C pressure pipes B class and fixing with rubber rings i/c testing water to O(I)P-20) P.Rft	Rs:5105/=
3.		pecial for AC pressure	e pipe B class(Sandard weight of	Rs:71,512/=
	2 Nos	@Rs:2212/50	Each	Rs:4425/=
ii)	C.I.Jibault Joint 4 Each	@Rs:1062/50	Food	
4.	Supplying AC Co 2 Nos	ollars B class(PHSINO: @Rs:194/-	:4P-5)	Rs:4250/=
5.	(Comer Joint)(PH	r rings for AC pressure		Rs:388/=
	2 Pairs	@Rs:129/-	P.Pair	Rs:258/=

	130		*8							
6.	Making joint to CI specials fitting along i/c laying)of the required dia meter and testing the joint allowed with AC pipe line to the specified pressure and making good to all leaky joint etc complete.(PHSINO:1 P-80) 2 Joints @Rs:72/- P.Joint							Rs:144/=		
7.	Refilling the excavated stuff intrenches 6"thick layers i/c watering ramming to full compaction etc complete.(PHSINO:24P-77) 1276.20Cft @Rs:2760/- P%oCft						Rs:3522/=			
F 1.	Rewinding of electric motor 10 BHP 3 phase 400/440 volt 50 cycles with best quality insolated copper wire of required Guage i/c testing on load with satisfactory result upto one weeks Time opening and refitting and replacing the bolts of necessary Excluding the cost of work out material (GSINO:97 (c)P-111)							Rs:89,604/=		
2.	Repair of non complete(R.A.Ap	clogging		pump	NIC		size	2 ½"x	:3" etc	NS.10,399/-
	2 Nos	@Rs:1000	0/-			Each		5		Rs:20,000/=
3.	Providing MCU/S	SD-10 BHP	consists	of brak	er m	agnetic	contra	ctor ov	er load	
4	1 No	@Rs:4875				Each				Rs:48,750/=
7	Supplying and fix	ing C.I.too	t valve h	eavy pa	ttern	test pre	essure(SMINO	:4P-11)	
5.	Supplying C.I.Re lbs(imported) (PI	TSINO:0 P-	heavy 10)	pattern	test	Each pressu	re kg/s	sq cm	or 300	Rs:1788/=
6	2 Nos Wiring for main v (1.1/4)PVC condu	@Rs:1706/ with 2-7/1.7 uit(ESINO:1	0(7/0.64)PVC ii	nsula	Each ted wire	e in 30	mm		Rs:3413/=
7.	185.0Rft @Rs:44/81 P.Rft Jointing C.I./M.S.flanges pipe and specials flanged and inside in trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc complete.(PHSINO:1 P-35)						Rs:8290/=			
	4 Joints	@Rs:513/-				P.Joint				Rs:2052/=
						Total				Rs:94,892/=
I 1.	Total REPAIR OF TRANSFORMER Repair of transformer i/c rewinding of 3 Nos coils of transformer and replacing the old transformer coil by new i/c cartage from site to work shop and reinstalled at site the cost of burnet wire etc complete(MR)(Rate approved)in Jhando Khoso No:3516 Dt:26-12-2008. 1 Job @Rs:68500/- P.Job							<u>Rs:66,800/=</u> Rs:66,800/=		

ABSTRACT.

A.	CONSTT:OF S/ DRAINS(REPAIR/NEW)	RS:22,18,244/=	
B.	REPAIR OF COMPOUND WALL, COLLECT: TANK & SCREENING CHAMBER	RS: 1,60,018/=	
C.	CONSTRUCTION OF CC BLOCK	RS: 9,37,395/=	
D.	REPAIR OF STAFF QUARTER(HT TYPE)	RS: 2,08,160/=	
E.	RISING MAIN (REPAIR/REPLACEMENT	RS: 89,604/=	
F.	PUMPING MACHINARY (REPAIR)	RS: 94,892/=	
I.	TRANSFORMER (REPAIR)	RS: 66,800/=	
	TOTAL	RS:37 75 113/=	

CONDITION

- The rate should be inclusive of all the taxes i.e. sales tax. Octroi, Royalties etc if 1.
- No separate carriage will be allowed to the finance/Contractors. 2.
- No premium will be allowed on non schedule item. 3.
- Sweet water will be sued in construction work. 4.
- The testing of the work will be arranged by the Firms/Contractors at his cost no 5. separate payment will be made.
- Any error or omission in the specification item will be governed by the relevant 6. specification and schedule of rate.
- The decision of the Project Director Shall be final and binding on all the parties in 7. any dispute.

Contractor.

EXECUTIVE ENGINEER PUB.IC HEALTH ENGG: DIVISION MATIARI.

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME OLD SAEEDABAD TALUKA SAEEDABAD DISTRICT MATIANI

ABSTRACT OF COST

		Total Rs: - 1,157,535/-
(C)	ANNUAL MAINTENANCE	Rs: - 143,535/-
(B)	ELECTRICAL / MECHANICAL	Rs: - 510,000/-
(A)	ESTABLISHMENT	Rs: - 504,000/-

ASSISTANT ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION
HALA

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG:SUB-DIVISION
<u>MATIARI</u>

REHABILITATION OPERATION AND MAINTENANCE FOR RURAL DRAINAGE SCHEME OLD SAEEDABAD TALUKA SAEEDABAD DISTRICT MATIARI

(A) ESTABLISHMENT

(i) Pump Operator 1 No: (3240 -140-7440)

1 x 12 =12 Months

@Rs: - 7,000/-

P/Month

Rs: - 84,000/-

(ii) Helper / Chowkidar 1 No: (2970-90-5670)

1 x 12 =12 Months

@Rs: - 7,000/-

P/Month

Rs: - 84,000/-

(Iii) Sweeper 1 No: (2970-90-5670)

4 x 12 = 48 Months

@Rs: - 7,000/-

P/Month

Rs: - 336,000/-

Total;

Rs: - 504,000/-

(B) ELECTRICAL & MECHANICAL CHARGES

i) Electricity consumption

1 x 8 x 10x 0.75 x 365

= 21900.00 Units

Total = 21900.00 Units

21900.00 Units

@Rs: - 20/-

P/Unit

Rs: - 438,000/-

Oil Lubrication cotton waste.

2 x 12 =

24 Months

@Rs: - 3,000/-

P/Month

Rs: - 72,000/-

Total

Rs: - 510,000/-

(C) ANNUAL REPAIR CHARGES

Minor repair civil electric & Mechanical works etc:

Rs: - 112,015/-

REPAIR OF CIVIL STRUCTURE

3152000 X 1%

(D)

Total;

Rs: - 112,015/-

Rs: - 31,250/-

Total

Rs: - 31,250/-

Grand Total

Rs: -1,157,535/-

ASSISTANT ENGINEER
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MATIARI