



**OFFICE OF THE
EXECUTIVE ENGINEER PUBLIC HEALTH
ENGINEERING DIVISION SUJAWAL**

No: PHE/TC/ 988 Sujawal Dated: 14/09/2018

WORK ORDER

To,

M/s Tawakal Engineering Works,
Government Contractor,
Hussaini House Islampur Mohallah Ward-3,
District Thatta.

SUBJECT:- REPAIR OF RAPID GRAVITY FILTER BEDS FOR URBAN WATER SUPPLY SCHEME DARRO DISTRICT SUJAWAL.

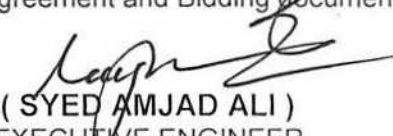
Reference:- Letter of Acceptance No.TC/PHE/972, Dated:08/09/2018.

On the recommendation of Procurement Committee and approval from the Competent Authority i.e Chief Engineer Public Health Engineering Department Government of Sindh Hyderabad. vide letter No.GM/PHED/Tender/1640, Hyderabad Dated:07/09/2018. Your Bid for the subject work has been accepted @ 15.50% (Fifteen Point Fifty Percent) above, on the Schedule items of the Schedule "B" which comes out @ 7.57% (Seven Point Fifty Seven Percent) Above on the estimated cost. Total Tender Cost of which comes to Rs.92,21,017/- (Ninety Two Lacs Twenty One Thousand & Seventeen Only).)

Since contract agreement for the above mentioned work has been executed, you are directed to start the work within (07) days after receipt of work order and complete the same within the stipulated time of (06) months strictly as per specification and conditions of the contract.

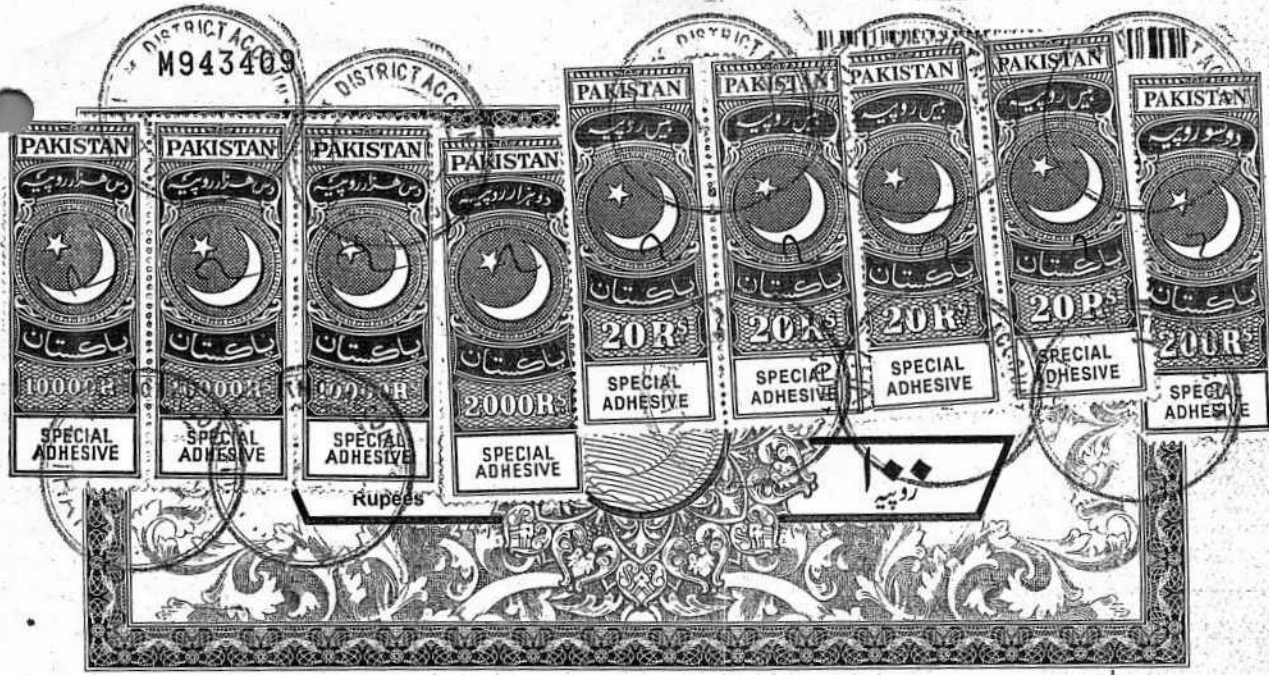
The work must be carried out as per PWD /PHE Specification under the supervision and satisfactory of Assistant Engineer Incharge.

1. All other terms & conditions would be same as per agreement of the contract and Bidding documents.
2. In case of any un-necessary delay in execution of work, penalty shall be imposed on the contractor as per terms & conditions of the contract agreement and Bidding documents.


(SYED AMJAD ALI)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL

C.C for information to:-

- The Chief Engineer Public Health Engineering Department Government of Sindh Hyderabad for his kind information.
- The Superintending Engineer Public Health Engineering Circle Hyderabad for his kind information with reference to his office letter No.GM/2016 dated:07/09/2018.
- The Assistant Engineer Public Health Engineering Sub-Division No-I Sujawal. He is directed to get start the work as per specification and intimate actual date of commencement of the work.
- Office file.



Abdul Latif Mirza
ABDUL LATIF MIRZA
 Stamp Vendor
 St. No 219
 14-09-2018

Blank issued to Mr. Syed Shahzad Hussain Shah.

CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT made on the 14th day of September 2018 between Executive Engineer Public Health Engineering Division Sujawal of the one part and M/s Tawakal Engineering Works Government Contractor, Address: Hussaini House Islampur Mohallah Ward-3 District Thatta of the other part.

WHEREAS the Procuring Agency is desirous that certain Works, viz Repair of Rapid Gravity Filter Beds for Ground Water Supply Scheme Darro District Sujawal, should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.


NOW this Agreement witnesses as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contractor
Syed Shahzad Hussain Shah
M/s Tawakal Engineering Works
 (Seal) **PROPRIETOR**
SYED SHAHZAD HUSSAIN SHAH
 Signed, Sealed and Delivered in the presence of:

Signature of the Procuring Agency
Executive Engineer
 (Seal) **Executive Engineer**
Public Health Engg Division
Sujawal

Witness:
Executive
 (Name, Title and Address)


Witness:
Assistant Engineer
 (Name, Title and Address)
ASSISTANT ENGINEER
PUBLIC HEALTH ENGINEERING
SUB-DIVISION SUJAWAL

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

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

- | | |
|--|---|
| 1) NAME OF THE ORGANIZATION / DEPTT: | Public Health Engineering Department |
| 2) PROVINCIAL / LOCAL GOVT: / OTHER | Provincial Government |
| 3) TITLE OF CONTRACT | Repair of Rapid Gravity Filter for Urban Water Supply Scheme Darro |
| 4) TENDER NUMBER | NO:TC/PHE/836, dated 26-06/2018 |
| 5) BRIEF DESCRIPTION OF CONTRACT | Mentioned Above Serial No.3 |
| 6) FORUM THAT APPROVED THE SCHEME | P&D Department Government of Sindh |
| 7) TENDER ESTIMATED VALUE | Rs:-8.5723 Million |
| 8) ENGINEER'S ESTIMATE
(For civil works only) | Rs.8.5723 Million |
| 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) | 06 Months |
| 10) TENDER OPENED ON (DATE & TIME) | 18-07-2018 @ 12:00 Noon |
| 11) NUMBER OF TENDER DOCUMENTS SOLD
(Attach list of buyers) | (08) Eight |
| 12) NUMBER OF BIDS RECEIVED | (01) One |
| 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS | (01) One |
| 14) BID EVALUATION REPORT
(Enclose a copy) | Enclosed |
| 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDERS | M/s Tawakal Engineering Works .
Hussaini House Islampur Mohallah Ward-3
District Thatta |
| 16) CONTRACT AWARD PRICE | RS:-92,21,017/- |
| 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e 1 st , EVALUATION BID) | i. M/s Tawakal Engineering Works
1 st Lowest |
| 18) METHOD OF PROCUREMENT USED – (Tick one) | |
| a) SINGLE STAGE – ONE ENVELOPE PROCEDURE | <input type="checkbox"/> Domestic/Local |
| b) SINGLE STAGE – TWO ENVELOPE PROCEDURE | <input checked="" type="checkbox"/> |
| c) TWO STAGE BIDDING PROCEDURE | <input type="checkbox"/> |
| d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE | <input type="checkbox"/> |

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

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT Chief Engineer

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN

Yes	✓	No	
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21) ADVERTISEMENT:

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

Yes	Sr:# 37803 uploaded on 28-06-2018
No	

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

Yes	i. Express (Urdu)	29-06-2018
	ii. Sindh Express (Sindhi)	29-06-2018
	iii. Dawn (English)	30-06-2018
	iv. Aman (Urdu)	30-06-2018
	v. Awami Awaz (Sindhi)	30-06-2018
No.		

22) NATURE OF CONTRACT

Domestic/ Local	✓	Int.	
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23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	✓	No	
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24) WHETHER BID EVALUATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	✓	No	
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	N/A	No	N/A
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDER?

Yes	✓	No	
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	N/A	No	N/A
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLACENCE?

Yes	✓	No	
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	✓	No	
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF
CONTRACT?
(Attach copy of the bid evaluation report)

Yes	✓	No	
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31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	
No	✓

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

Yes	
No	✓

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

Yes	
No	✓

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

Yes	
No	✓

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

Yes	✓	No	
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD.
(If yes, enclose a copy)

Yes		No	✓
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC)?

Yes	N/A	No	N/A
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38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	✓


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL

FOR OFFICE USE ONLY


LIST OF BUYERS

(NUMBER OF TENDER DOCUMENTS SOLD)

SUBJECT: 1: - REPAIR OF RAPID GRAVITY FILTER FOR URBAN WATER SUPPLY SCHEME DARRO DISTRICT SUJAWAL (Work No.02)

Reference: - NIT NO.PHE/TC/836, DATED:26/06/2018

S. #	Name of Contractor
1	M/s Cosmos Engineering Syndicate
2	M/s Tawakal Engineering Works
3	M/s Ayaz Qureshi
4	M/s Ghulam Shabir Memon
5	M/s Anwar Hussain Memon
6	M/s Aijaz Ali Khatti
7	M/s Mumtaz Ali Khatti
8	M/s Abdul Rehman Khan


(SYED AMJAD ALI)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL

ELIGIBILITY / MINIMUM QUALIFICATION CRITERIA

SUBJECT: REPAIR OF RAPID GRAVITY FILTER FOR URBAN WATER SUPPLY SCHEME DARRO DISTRICT SUJAWAL (Work No.02)

VENUE: - OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION THATTA NEAR SESSION COURT & S.P OFFICE MAKLI DISTRICT THATTA

Date of Opening: 18/07/2018 @ 12:00 Noon

Name of Bidder:- M/s TAWAKAL ENGINEERING WORKS


S.No	Criteria	Documents available	Remarks	
1	Valid registration with PEC in Category as per requirement having specialization Codes CE-9, CE-10, EE-4, & ME-6.	Yes	Pass	
2.	Registration with FBR along with Income Tax & GST Certificate.	Yes	Pass	
3.	Registration with Sindh Revenue Board	Yes	Pass	
S.No	Particulars	SPPRA Rule-42 Documents attached	Max Marks	Marks Obtained
i.	Bank Statement Last 06 Months	Yes	20	20
ii.	List of Works of Water & Sewerage Completed Last 03 Years completed Certificate	Yes	20	02
iii.	List of on-going works of Water Supply & Drainage Schemes and size with copies of award letters	No	10	0
iv.	Qualification and experience of technical personal and key site management with three (3 Years) experience.	Yes	20	0
v.	F.B.R & S.R.B Certificate	Yes	20	20
vi.	Details of Machinery & Equipment with documentary evidence	Yes	10	0
TOTAL			100	42
Minimum Passing Marks 40%				


NOTE:- i) Work of Water Supply and Drainage Scheme Completed (2 Marks obtained each scheme)

ii) Work of Water Supply and Drainage Scheme Ongoing (2 Marks obtained each scheme)

Recommendation:- The bid of M/s Tawakal Engineering Works Contractor as per Minimum Qualification / Eligibility Criteria is qualified as "Responsive Bidder" for further evaluation.


(ABDUL SALAM MEMON)
(MEMBER)
EXECUTIVE ENGINEER
HIGHWAY WORKS & SERVICES
DIVISION SUJAWAL
Representative of Deputy Commissioner
Sujawal


(SYED AMJAD ALI)
(MEMBER / SECRETARY)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL


(QAMARUDDIN CHANDIO)
(CHAIRMAN)
SUPERINTENDING ENGINEER (O&M)
PUBLIC HEALTH ENGINEERING CIRCLE
HYDERABAD

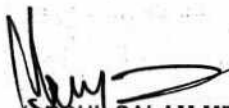
Bid Evaluation Report


1. Name of Procuring Agency: Executive Engineer Public Health Engineering Division Sujawal.
2. Tender Reference No: NIT NO:TC/PHE/836, dated:-26/06/2018
3. Name of Work: **Repair of Rapid Gravity Filter for Urban Water Supply Scheme Darro District Sujawal**
4. Method of Procurement: Single stage two Envelope.
5. Tender Published: SPPRA website Uploaded @ Serial No.37803 and Daily News papers Daily Dawn (English) 30-06-2018, Daily Express (Urdu) (29-06-2018), Daily Aman (Urdu) (30-06-2018), Daily Awami Awaz (Sindhi) (30-06-2018), Daily Sindhi Express (Sindhi) 29-06-2018..
6. Total Bid Documents Sold: 8 Nos:
7. Total Bids Received: 01 No:
8. Technical Bid Opening date: 18-07-2018
9. No. of Bid Technically qualified (If applicable): - - - - - 01 No
10. Bid(s) Rejected: 0 No
11. Financial Bid Opening date: 23-07-2018


2. Bid Evaluation Report

S. No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated Cost	Reason for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1	M/s Tawakal Engineering Works	9,208,337	Lowest	7.57% Above	1 st Lowest	Recommended for award of work

SIGNATURES OF THE MEMBERS OF THE PROCUREMENT COMMITTEE


(ABDUL SALAM MEMON)
(MEMBER)
EXECUTIVE ENGINEER
HIGHWAY WORKS & SERVICES
DIVISION SUJAWAL
Representative of Deputy Commissioner
Sujawal


(SYED AMJAD ALI)
(MEMBER / SECRETARY)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL


(QAMARUDDIN CHANDIO)
(CHAIRMAN)
SUPERINTENDING ENGINEER (O&M)
PUBLIC HEALTH ENGINEERING CIRCLE
HYDERABAD

COMPARATIVE STATEMENT

Name of Scheme:-

**REPAIR OF RAPID GRAVITY FILTER FOR URBAN WATER SUPPLY SCHEME DARRO DISTRICT
SUJAWAL (Work No.02)**

NIT Reference No.

NO:TC/836, DATED:26/06/2018


Bid Submission Date 17/07/2018 (12:00 Noon)

Technical Bid Opening Date 18/07/2018 12:00 Noon
Financial Bid Opening Date 23/07/2018 (03:00 PM)

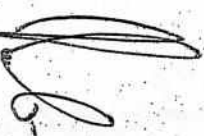
Sr. No.	Name of Bidders	As per Bid Evaluation										As per Contract Provision / Technical Sanction				
		Amount of (CSI) BOQ	Amount of N.S.Items BOQ	Rate Quoted by Contractor (Above)	Amount of Rate Quoted by Contractor	Total Contract Amount	Add Amount Diff. Cost of SR Cement	Total Bid Value (7+8)	Amount of BOQ	Cost of Carriage	10% premium Sch. of Material.	Premium mAbove/ Below	Estimate Cost of Escalation SR Cement	Cost of Contingency	Total (10 to 15)	
1	M/s Tawakal Engineering Works	6,025,093	2,249,355	15.50% Above	933,889	9,208,337	12,680	9,221,017	8,274,448	285,213	0	0	12,680	0	8,572,341	
															Say 8,572,300	

Estimate Sanctioned by the Chief Engineer, Public Health Engineering Department Govt. of Sindh, Hyderabad vide No. DB/DWE/1194 Dated:- 26/06/2018 Amount Sanctioned to Rs:-8,572,300/-

There is 15.50% Above on CSI (Except Non-Sch. Items), as such rate quoted by M/s Tawakal Engineering Works Govt. Contractor at 7.57% Above on the T.S found lowest / reasonable in the competition of others.


(ABDULL SALAM MEMON)
(MEMBER)
EXECUTIVE ENGINEER
HIGHWAY WORKS & SERVICES
DIVISION SUJAWAL
REPRESENTATIVE OF DEPUTY COMMISSIONER
SUJAWAL


(SYED AWJAD ALI)
(SECRETARY / MEMBER)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL


(QAMAR UDDIN CHANDIO)
(CHAIRMAN)
SUPERINTENDING ENGINEER (Q&M)
PUBLIC HEALTH ENGINEERING CIRCLE
HYDERABAD

BILL OF QUANTITY
(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE
SCHEDULE OF RATES

NAME OF WORK:- FILTER MEDIA FOR URBAN WATER SUPPLY SCHEME DARRO
DISTRICT SUJAWAL

Sr.No	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Group: "A" Filter Beds

1,	Providing and Stacking at site stone maetal of size 3/4" - 1/2" rising including screening washing and spreading the same in Filter Beds to Correct Level etc commplete (PHSINO:1 P/56)	115.20 Cft	@ Rs: 3410	P% Cft	Rs: 3928
2,	Providing and Stacking at site stone metal of size 1/8" - 1/4" rising including screening washing and spreading the same in Filter Beds to correct level etc complete (PHSINO.1 P/56).	115 Cft	@ Rs: 2960	P% Cft	Rs: 3410
3,	Taking out Filter media from beds washing screening and relaying the same into filter bed to proper level etc complete (PHSINO.5 P/57).	864 Cft	@ Rs: 1800	P% Cft	Rs: 15552
4,	Supplying and Stacking at site filter media for rapid gravity filter of predominately washing the same in filter bed to proper etc complete (B-A Attached). <i>PHSINO. 6 - P-57</i>	480 Cft	@ Rs: 7050	P% Cft	Rs: 33840
Total					Rs: 56730

Group: "B" Piping Work

1,	Excavation for pipe line in trenches and pits in Soft Soil i/c trimming and dressing sides to true alignment and shape. levelling of beds joints holes and disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards light flangs and temporary crossing for non-vehicular traffic wherever required lift upto 5'ft and lead upto one chain (PHSINO.3 P/61).	5316 Cft	@ Rs: 3600.0	P%0 Cft	Rs: 19138
2,	Providing P.V.C Pipe class "B" equvalant make fixing in trenches i/c cutting fitting and jointing with "Z" joint with rubber ring i/c testing with water to lead of 61 miter or 200ft (PHSINO.E (i) P/22)	630 Rft	@ Rs: 262.0	P: Rft	Rs: 165060
3,	PVC Special for PVC Pipe (SMINo.14 P/14)	2 Nos	@ Rs: 1913.0	Each	Rs: 3826
	Bend 90* 6" dia	4 Nos	@ Rs: 618.75	Each	Rs: 2475
	Short pieces 6" dia				

Syed Shahzad Hussain Shah
W/o Tawakkal Engineering Works
PROPRIETOR
SYED SHAHZAD HUSSAIN SHAH

Amir

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Providing Laying & Fixing in trench i/c fitting jointing & testing etc complete in all respect the high Density Polythylene PE pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S3580 & PSI 3051 (PHSNo.1 P/25).

<u>12" dia PN-08</u> 200 Rft	@ Rs: 1635	P: Rft	Rs: 327000
5, C.I Sluice valve heavy pattern test pressure 21 Lbs/sq cum or 300 Lb/sq cum etc complete (SMINo.1 P/11).			
<u>6" dia</u> 1 Nos	@ Rs: 9360	Each	Rs: 9360
6, Jointing C.I/M.S Flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts, bolts with washers etc, and other tools required for jointing and testing the pressure etc complete (PHSNo.18 P/40).			
(i) <u>6" dia</u> 2.00 Joints	@ Rs: 938	P: Joint	Rs: 1876
7, Refilling the excavated stuff in trenches in 6" thick layers i/c watering and ramming to full compaction etc complete. (P.H.S.I.No: 24 : P : 53).			
4784 Cft	@ Rs: 2760.0	P: %0.Cft	Rs: 13204
8, Manufacturing Supplying M.S Pipe 3/16" M.S Sheet (R.A.Approved) (Based on Schedule).			
(i). <u>6" dia</u> 92.50 Rft	@ Rs: 749.34	P: Rft	Rs: 69314
(ii). <u>8" dia</u> 72.00 Rft	@ Rs: 980.20	P: Rft	Rs: 70574
9, Manufacturing Supplying M.S Flanges of 8" to 6" dia madeout of M.S Sheet of cutting drilling holes and welding of flanges with M.S Pipe etc (R.A Approved Based on Schedule).			
(i) <u>6" dia</u> 22.00 Nos	@ Rs: 804.77	Each	Rs: 17705
(ii) <u>8" dia</u> 16.00 Nos	@ Rs: 1002.44	Each	Rs: 16039
10, C.I Sluice valve heavy pattern pressure test 21 kg or 300 lbs sq inch (SMINo.1 P/11).			
(i) <u>6" dia</u> 9.00 Nos	@ Rs: 9360.00	Each	Rs: 84240
(ii) <u>8" dia</u> 3.00 Nos	@ Rs: 17940	Each	Rs: 53820

(Signature)
 M/S [unclear]
 SYED SHAHZAD HUSSAIN SHOH
 PROPRIETOR

(Signature)

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
11 Bend with flanged and wall hole i/c turning facing flanges for all size (SMINO.8 P/12).	157.01 Kg	@ Rs:120	P: Kg	Rs: 18841
12, C.I Tee flanged end with holes i/c trimming and facing of flanged for all size (SMINO.12 P/12).	198.52 Kg	@ Rs: 120	P: Kg	Rs: 23822
13, C.I Tapper Flat bottomed with flanged ends (SMINO.9 P/12).	21.95 Kg	@ Rs:120	P: Kg	Rs: 2634
14 Jointing C.I Flanged Pipe and opening flag and in trench S/F rubber packing of the required (PHSINO.18 P/40).				
(i) <u>6" dia</u>	36.00 Joints	@ Rs:938	P:Joint	Rs: 33768
(ii) <u>8" dia</u>	24.00 Joints	@ Rs:940	P:Joint	Rs: 22560
15, Providing Chamber 2 1/2 x 2 1/2 (750x750mm) inside dimension 4 1/2" (1372mm) deep as per approved designer sluice valve 2" to 12" dia with 18" dia inside case iron cover and frame (Wt=1 Cwt.3 qr) Fixed in RCC (1:2:4) (102mm) Thick brick masonry walls set in (1:6) cement mortar 6" (1152mm) thick cement concrete (1:3:6) in foundation 1" (25mm) thick etc (1:2:4) flooring 1/2" (12.5mm) thick cement plaster (1:3) to all inside wall surface and to top i/c providing and fixing m.s foot rest at every one foot beyond 2 1/2'ft depth curring excavation back filling and disposal of surplus earth etc complete (PHSINO:1 P/40).	8.00 Nos	@ Rs:18820	Each	Rs: 150560
				Rs: 1105816
GROUP:"C" RCC CLEAR WATER TANK				
1, Full Hire Charges of the Pumping Set of upto 10 BHP pumping out water from 15'ft depth trenches. (PHSINO.III P/77).	10.00 days	@ Rs:2000	P: Day	Rs: 20000
2, Extra for Wet earth etc complete (GSINO.16 P/3).	3925.00 Cft	@ Rs:1058.78	P:%0 Cft	Rs: 4156

Total


 Sd/-
 [Illegible text]
 [Illegible text]


 Sd/-
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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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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 etc complete (GSINo.5 P/15)	489 Cft	@ Rs: 14429.25	P% Cft	Rs: 70559
4, Removing of Cement or Lime Plaster (GSINo.53 P/13).	1352 Sft	@ Rs:121.00	P% Sft	Rs: 1636
5, Cement Plaster upto 12'ft height in Cement Sand Mortor (1:4) 3/4" thick (GSINo.11 c P/52).	2313.15 Sft	@ Rs:2283.93	P:% Sft	Rs: 52831
6, P/F in position in C.C.Foundation (1:3:6) to M.S Ladder of M.S angle iron 2" x 2" x 1/4" 1' a part with M.S bars 3/4" dia spaced 1' apart painting 3 Coats with anticorrosive steel paint etc complete (PHSINo.3 P/42).	18.00 Rft	@ Rs:799.00	P: Rft	Rs: 14382
7, P/F C.I Man. hole cover with frame i/c cost of material etc complete (P.H.S.I.No: 1 P/23)	7.00 Cwt	@ Rs:6985.00	P: Cwt	Rs: 48895
8, P/F C.I Vetilater (weight not to be less than 80 lbs/ sq/each) in tank roof of approved design with water tight joint i/c pointing etc. (P.H.S.I.No: 4 P/ 55)	2 x 2 = 4.0 Nos			
	4.00 Nos	@ Rs:4870.00	Each	Rs: 19480
				Total Rs: 231938

GROUP: "D" SEDIMENTATION TANK

- 1, Providing & Fixing G.I Pipe Railing of 1" dia consisting of horizontal pipe with Vertical post 3 foot cft C.C. i/c Cost of Welding and Repair of treading in position on making good to out of Slab / Wall Chaja i/c Painting etc complete (R.A. Approved).

L.S

304.00 Rft	@ Rs:314.95	P: Rft	Rs: 95745
			Total Rs: 95745

(Signature)
 M/s Tayak Engineering Works
 SYED SHAHZAD HUSSAIN SHAH

(Signature)

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Group: "E" Pumping Machinery

Supplying and Installing in position i/c transportation to site of work at Water Supply Scheme Darro Electric Pumping Set Consist of Electric Motor 50 BHP 3 phase 50 cycle 400/420 Volts of 2900 RPM Siemens Frame 200 L coupled with centrifugal pump KSB ETA Norm type (100-200) Size 5"x4" mounted on common steel frame or base plate capable discharge of 760 GPM against the head of 140'ft i/c installing of pumping set on cement concrete Ratio 1:2:4 and C.C. 1:4:8 with ballast with M.S nuts and bolts of 3/4" dia to be embedded in C.C.Foundation i/c providing automatic star delta starter (Type KSB Made) i/c providing & fixing on prepared board iron (Clad) triple pole and natural switch fuse with rewirable type fuse link carrier 500 Volts meter 0-500 volts and Amps installed on metalled board i/c providing and fixing metalled board to accomodate main or sub main control switch recessed in the wall size 3" x 4" i/c providing phase indication bulbs with holder and providing internal electric wiring for main with 3-19/1.53 (19/0.64) PVC insulated wire 660 Volts grade in 40mm (1.1/2") PVC Conduit on surface as required i/c providing and fixing earthing set with 2' x 2' x 1/4" copper plate buried in ground at depth of 12" or less if water comes out from the ground of soil, earth plate to be connected with No.8 S.W.G bare copper wire run in 1/2" G.I Pipe straight from the earth plate.

<u>50 BHP</u> 1.00 Set	@ Rs: 767440	P: Set	Rs: 767440
2, Supplying C.I Sluice valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/ inch (PHSINO,2 P/9) <u>6" dia</u> 1.00 Nos	@ Rs: 9360	P: Set	Rs: 9360
3, Supplying Reflex valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/inch (PHSINO. P/9). <u>6" dia</u> 1.00 Nos	@ Rs: 4062.50	Each	Rs: 4063
4, Supplying C.I Foot Valve heavy pattern with cone type gate (MSINO.4 P/10) (Imported). <u>6" dia</u> 1.00 Nos	@ Rs: 1381.25	Each	Rs: 1381
5, Supplying C.I Bend with flanged end with holes i/c trimming etc complete (MSINO.2 P/10). <u>6" dia</u> 70.63 Kg	@ Rs: 120	P: Kg	Rs: 8476
6, Manufacturing Supplying MS Pipe made out of MS Sheet of 3/16" thick cutting bending folding to correct curvature and shape i/c welding etc complete (R.A Attached). <i>B.O. Sch.</i> <u>6" dia</u> 40.00 Rft	@ Rs: 749.34	P: Rft	Rs: 29974

M/s Tawafal Engineering Works
PROPRIETOR
SYED SHAHZAD MUSSAIN SHAH

Signature

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Manufacturing and furnishing M.S Flanged pipe 6" dia made out of M.S Sheet 3/8" thick including dilling holes and welding etc complete (Rate Approved) *B-o. Sel.*

6" dia
10.00 Nos @ Rs: 804.77 Each Rs: 8048

8, Jointing with C.I/M.S Flanged pipe and Specials flanged and inside a trench i/c supplying rubber packing (PHSINo.1 P/40).

6" dia
10.00 Joints @ Rs: 938.00 P: Joint Rs: 9380

9, C.I Tee (Rate Approved).

6"x6"x6" dia
23.86 Kg @ Rs: 120 P: Kg Rs: 2863

10, C.I Short Piece (SMINo. P/).

10" dia
1.00 No @ Rs: 2212.50 Each Rs: 2213

Total Rs 843198

Group: "F" Pumping Machinery 15 BHP

1, Supplying and Installing in position i/c transportation to site of work at Water Supply Scheme Darro Electric Pumping Set Consist of Electric Motor 15 BHP 3 phase 50 cycle 400/420 Volts of 1450 RPM Siemens Frame 200 L coupled with centrifugal pump KSB ETA Norm type (125-200) Size 6"x5" mounted on common steel frame or base plate capable discharge of 535 GPM against the head of 30'ft i/c installing of pumping set on cement concrete Ratio 1:2:4 and C.C. 1:4:8 with ballast with M.S nuts and bolts of 3/4" dia to be embedded in C.C.Foundation i/c providing automatic star delta starter (Type KSB Made) i/c providing & fixing on prepared board iron (Clad) triple pole and natural switch fuse with rewirable type fuse link carrier 500 Volts meter 0-500 volts and Amps installed on metalled board i/c providing and fixing metalled board to accomodate main or sub main control switch recessed in the wall size 3" x 4" i/c providing phase indication bulbs with holder and providing internal electric wiring for main with 3-19/1.53 (19/0.64) PVC insulated wire 660 Volts grade in 40mm (1.1/2") PVC Conduit on surface as required i/c providing and fixing earthing set with 2' x 2' x 1/4" copper plate buried in ground at depth of 12" or less if water comes out from the ground of soil, earth plate to be connected with No.8 S.W.G bare copper wire run in 1/2" G.I Pipe straight from the earth plate.

15 BHP
1.00 Set @ Rs: 510080 P: Set Rs: 510080

2, M.S Pipe made out of M.S Sheet of 4.8mm (3/16") bending folding to correct curvature as shape (R.A Approved) *B-o. Sel.*
M.S Pipe 6" dia

44.00 Rft @ Rs: 749.34 P: Rft Rs: 32971

[Signature]
M/s Tawakal Engineering Works
SYED SHAHABUDDIN
PROPRIETOR

[Signature]

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Manufacturing and furnishing M.S Flanged pipe 6" dia made out of M.S Sheet 3/8" thick including dilling holes and welding etc complete (Rate Approved) *B.O. Secy*

<u>6" dia</u> 10.00 Nos	@ Rs: 804.77	P: Set	Rs: 8048	
4, Supplying C.I Sluice valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/ inch (PHSINo.2 P/9)				
<u>6" dia</u> 1.00 Nos.	@ Rs: 9360	P: Set	Rs: 9360	
3, Supplying Reflex valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/inch (PHSINo. P/9).				
<u>6" dia</u> 1.00 Nos	@ Rs: 4062.50	Each	Rs: 4063	
4, Supplying C.I Bend with flanged end with holes i/c trimming etc complete (MSINo.2 P/10).				
<u>6" dia</u> Bend 90° 93.05 Kg	@ Rs: 120	P: Kg	Rs: 11166	
5, C.I Tee Flanged end with hole i/c turning and facing of flanged for size (SMINo.12 P/11).				
<u>6"x6"x6" dia</u> 23.86 Kg	@ Rs: 120	P: Kg	Rs: 2863	
6, C.I Foot Valve heavy pattern with cone type gate (Imported).				
<u>4" dia</u> 1.00 No	@ Rs: 1381.25	Each	Rs: 1381	
7 C.I Tapered flat bottom or central tapered flanged ends with holes i/c trimming and facing of flanged for all size (MSINo. P/1)				
<u>6" x 5" dia</u> 14.80 No	@ Rs: 120.00	Each	Rs: 1776	
8, Jointing with C.I/M.S Flanged pipe and Specials flanged and inside a trench i/c supplying rubber packing (PHSINo.1 P/40).				
<u>6" dia</u> 10.00 Joints	@ Rs: 938.00	P: Joint	Rs: 9380	
			Rs: 9380	
Total			Rs: 591088	




Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Group: "G" Pumping Machinery 5.50 BHP

Supplying and Installing in position i/c transportation to site of work at Water Supply Scheme Darro Electric Pumping Set Consist of Electric Motor 5.50 BHP 3 phase 50 cycle 400/420 Volts of 1450 RPM Siemens Frame 200 L sulage with centrifugal pump KSB KWPZ type (100-250) Size 4"x3" mounted on common steel frame or base plate capable discharge of 535 GPM against the head of 30ft i/c installing of pumping set on cement concrete Ratio 1:2:4 and C.C. 1:4:8 with ballast with M.S nuts and bolts of 3/4" dia to be embedded in C.C.Foundation i/c providing automatic star delta starter (Type KSB Made) i/c providing & fixing on prepared baord iron (Clad) triple pole and natural switch fuse with rewise able type fuse link carrier 500 Volts meter 0-500 volts and Amps installed on metalled board i/c providing and fixing metalled board to accomodate main or sub main control switch recessed in the wall size 3" x 4" i/c providing phase indication bulbs with holder and providing internal electric wiring for main with 3-19/1.53 (19/0.64) PVC insulated wire 660 Volts grade in 40mm (1.1/2") PVC Consuit on surface as required i/c providing and fixing earthing set with 2' x 2' x 1/4" copper plate buried in ground at depth of 12" or less if water comes out from the ground of soil, earth plate to be connected with No.8 S.W.G bare copper wire run in 1/2" G.I Pipe straight from the earth plate.

5.50 BHP

1.00 Set @ Rs: 786090 P: Set Rs: 786090

- 2, M.S Pipe made out of M.S Sheet of 4.8mm (3/16")bending folding to correct curvature as shape (R.A Approved Based on Schedule).

M.S Pipe 4" dia

24.00 Rft @ Rs: 506.60 P: Rft Rs: 12158

Delivery Main 4" d

17.00 Rft @ Rs: 506.60 P: Rft Rs: 8612

- 3, Manufacturing and furnishing M.S Flanged pipe 6"dia madeout of M.S Sheet 3/8" thick including dilling holes and welding etc complete (Rate Approved) *B.O. Sch.*

4" dia

4.00 Nos @ Rs:596.75 P: Set Rs: 2387

6" dia

6.00 Nos @ Rs:596.75 P: Set Rs: 3581

- 4, Supplying C.I Sluice valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/ inch (PHSNo.2 P/9)

4" dia

1.00 Nos @ Rs:5460 P: Set Rs: 5460

[Signature]
M/s Tawakal Engineering Works
 PROPRIETOR
SYED SHAHZAD HUSSAIN SHAH

[Signature]

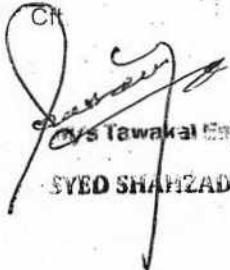
Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
Supplying Reflex valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/inch (PHSINo. P/9).				
<u>4" dia</u>				
1.00 Nos	@ Rs: 1706.25	Each	Rs: 1706	
6, Supplying C.I Bend with flanged end with holes i/c trimming etc complete (MSINo.2 P/10).				
<u>4" dia</u>				
28.65 Kg	@ Rs: 120	P: Kg	Rs: 3438	
7, C.I Tee Flanged end with hole i/c turning and facing of flanged for size (SMINo.12 P/11).				
<u>4"x4"x4" dia</u>				
12.40 Kg	@ Rs: 120	P: Kg	Rs: 1488	
8, C.I Foot Valve heavy pattern with cone type gate (Imported).				
<u>4" dia</u>				
1.00 No	@ Rs: 893.75	Each	Rs: 894	
9, C.I Tapered flat bottom or central tapered flanged ends with holes i/c trimming and facing of flanged for all size (MSINo. P/1)				
<u>4" x 3" dia</u>				
14.80 No	@ Rs: 120.00	Each	Rs: 1776	
10, C.I Short Piece (PHMINo.9 P/15).				
<u>6" dia</u>				
1.00 No	@ Rs: 618.75	Each	Rs: 619	
11, Jointing with C.I/M.S Flanged pipe and Specials flanged and inside a trench i/c supplying rubber packing (PHSINo.1 P/40).				
<u>6" dia</u>				
8.00 Joints	@ Rs: 513.00	P: Joint	Rs: 4104	
			Total	Rs 832313

Group: H Sludge Recovery Bed

- Excavation for tanks and reservoirs in Soft Soils i/c trimming and dressing sides to true alignment / desing section / profiles and shape levelling of beds of trenches to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surplus. Excavated earth within one chain as directed by Engineer Incharge i/c providing fence guards, lights flags wherever required lift upto 5'ft (1.52m) and lead upto one chain (30.5m) (PHSINo.1 P/49).

12032 Cft	@ Rs: 3000.00 /-	P%0 Cft	Rs: 36096
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- Earth work compaction (Soft, Ordinary or Hard Soil) laying earth in 6" layers leveling and dressing complete (GSINo.13/a P/3)

4598 Cft	@ Rs: 354.00 /-	P%0 Cft	Rs: 1628
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 Proprietor
SYED SHAHZAD HUSSAIN SHAR



Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Excavation for pipe line in trenches & pits in Soft Soil i/c trimming	2135 Cft	@ Rs:3600	P%0 Cft	Rs: 7686
4, Providing RCC Pipe of ASTM C-76-62 T/C-70 Class-III Wall B (Rate Approved) (PHS No:13 P-9) 12" dia	244 Rft	@ Rs:412	P: Rft	Rs: 100628
5, Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHS No.24 P/33).	1922 Cft	@ Rs:2760.00	P%0 Cft	Rs: 5303
Total				Rs: 151341

Group: "I" STREET LIGHT POLE

1, Providing & Laying (Main or Sub Main) (GSINo.3 P/4).	200 Rft	@ Rs:52.11	P: Rft	Rs: 10422
2, Providing & Fixing of M.S Labular Pole as following (ESINo.132	1 No	@ Rs:36697	Each	Rs: 36697
3, Construction of R.C.C Foundation (ESINo.139 P/19).	1 No	@ Rs:15168	Each	Rs: 15168
4, Manufacturing providing & fixing G.I Single Arm double. (ESINo.21 P/21).	1 No	@ Rs:1546	Each	Rs: 1546
5, Providing & Fixing of Street Light 125 Watts (ESINo.159 P/25).	1 No	@ Rs:6365	Each	Rs: 6365
Total				Rs: 70198
	20 Nos	@ Rs:70198	Each	Rs: 1403960

Group: "J" RCC MANHOLES

1, Cleaning of Collecting Tank / Sump Below ground level i/c Dewatering of Sullage Water & Disposed of garbage solid waste etc out side the tank etc complete.	392.12 Cft	@ Rs:11900	P%0 Cft	Rs: 4666
2, Cleaning of underground sewer by mechanical or manual method taking out waste solids etc and disposed off with in one chain etc complete (Without Cartage).	3.53 Cft	@ Rs:56.30	Each	Rs: 199

[Signature]

BYED SHARZAD MURSHAN SHAH

[Signature]

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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RCC work i/c all labour and material except the cost of steel reinforcement for cement concrete etc complete

571.45 Cft	@ Rs: 337	P: Cft	Rs: 192579
4, Fabrication of mild steel reinforcement for cement concrete etc complete.			
22.960 Cwt	@ Rs: 5001.70	P: Cwt	Rs: 114840
5, Providing C.I Manhole Frame i/c Cost of Material etc complete (PHSINo.2 P/21)			
22.500 Cwt	@ Rs: 6985.00	P: Cwt	Rs: 157163
6, Manufacturing and Supplying RCC Man Hole Cover (R.A.Approved Based on Schedule) (Turkish Colony)			
15.00 Nos	@ Rs: 1881.18	Each	Rs: 28218
			Total Rs: 497664

Group: "K" COMPOUND WALL

1, Jungle clearance and removing within 100 feet.. (GSINo.04 P/100)			
248663 Cft	@ Rs: 75.63	P% Cft	Rs: 18806
1, Dismantling Cement Block Masonary (GSINo.14 P/10)			
400 Cft	@ Rs: 1134.38	P% Cft	Rs: 4538
3, D.P.C with Cement Sand Shingle Concrete Ratio (1:2:4) and Cost of asphaltic mixture (GSINo.28 P/19) 3" Thick.			
300 Sft	@ Rs: 4982.18	P% Sft	Rs: 14947
4, Providing & Laying (1:3:6) Cement Concrete Solid Block Masonary Wall 6" and below in thickness set in (1:6) cement mortar in ground floor super-structure including raking out joints & curing etc complete (GSINo.22 P/19).			
4341 Cft	@ Rs: 14621.44	P% Cft	Rs: 634717
5, Cement Plaster 1/2" thick upto 12'ft height in Cement Sand Mortor (1:4) (GSINo.13/B P/52).			
34142 Sft	@ Rs: 2283.93	P% Sft	Rs: 779779
7, Pointing Flush on Stone work (Raised) i/c Cement Sand Mortar (1:3) (GSINo.20 P/53).			
9420 Sft	@ Rs: 1758.08	P% Sft	Rs: 165611

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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R.C.C work i.e. 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.e. all kinds forms modules lifting shutting curing remarking and finishing the exposed surface i.e. screening and washing of shingle (a) R.C. work in roof slab beams columns rafts lintel and other structural member laid in Situ or pre-cast laid in position in the respect ratio 1:2:4 etc complete (G.S.I No. 6/a P/18)

66.50 Cft @ Rs:337.00 /- P: Cft Rs. 22411

9, Fabrication of mild steel reinforcement for cement concrete i.e. cutting bending laying in position making joints & fastening i.e. cost of binding wire also i.e. removal of rust from bars (G.S.I No. 7 ii(a) P/19). (Using Bors)

2.67 Cwt @ Rs:5001.70 /- P: Cwt Rs. 13355

10, Making and fixing steel door with 1/16" thick sheeting i/e. angle iron frame 2" x 2" x 3/8" and 3/4" square bars 4" center to center with looking arrangement (G.S.I No. 24 P/92)

72.00 Sft @ Rs:726.72 /- P: Sft Rs. 52324

11, Painting New Surface

Preparing surface and painting doors and windows and any type (i/c edges) (G.S.I No. 5/C P/70)

3 Coats

144.00 Sft @ Rs:2116.41 /- P:% Sft Rs. 3048

12, Preparing the surface and painting with weather coat i/c rubbering the surface with rubbering brick i/c sand paper, filling the voids with chalk / plaster of paris and then painting with weather coat of approved make 2 coats (GSINo.38 (A) P/56).

34142 Sft @ Rs:1948.10 /- P:% Sft Rs. 665120

Total Rs 2374656

Group: "L" HYPOCHLORINATOR

1 Pulatron (USA) series "A" plus model LBS3S-VTCJ-XX hypochlorinator (Electric metering pump, flow rate 33 GPD Max pressure 150 PSI/10-Bar, solenoid protection by Thermal overload with auto reset, Manual control dosage Adjustable 0-100% highly reliable, water resistant, made for indoor and outdoor instaion guided ball check valve circuit protection against voltage and circuit upset material non corrosive made to inject sodium hypochlorite solution in water supply delivery line with following standard accessories with each unit a per attached highlighted but emp 025BS

Clear fixable solution tubing

Stiff white discharge tubing

Foot valve strainer assembly

Back pressure injection valve

Bleed valve assembly

Standard weight

Installaing and operation maintenance manual (R.A.Aattached)

1.00 No @ Rs:75000 Each

Rs. 75000

Total Rs 75000

No	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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GROUP: "E" SIGN BORD

1. Providing & Fixing @ Site sign board of Size 5'x3' i/c C.C foundation lettering etc complete (L.S)

1.00 Job @ Rs: 15000.00 P: Job Rs: 15000
Rs: 15000

Total

ABSTRACT

Sr.No	Components	Schedule Item	Non-Schedule Imte	Total
1	Filter Bed	56730	-	56730
2	Piping Work	1105816	-	1105816
3	RCC Clear Water Tank	231938	-	231938
4	Sedimentation Tank	-	95745	95745
5	Pumping Machinery 50 BHP	75758	767440	843198
6	Pumping Machinery 15 BHP	81008	510080	591088
7	Pumping Machinery 5.50 BHP	46223	786090	832313
8	Sludge Recovery Bed	151341	-	151341
9	Street Lights Pole	1403960	-	1403960
10	RCC Manholes	497663	-	497663
11	Compound Wall	2374656	-	2374656
12	Hypochlorinator	-	75000	75000
13	Sign Board	-	15000	15000
TOTAL		6025094	2249355	8274449

Total amount of Composite Schedule Items

Rs: 6025094

15.50 % Above / Below on the rates of CSR

amount to be added / deducted on the basis of premium

Rs: 933889

Total Amount of Non-Schedule Items

Rs: 2249355

Total Tender Cost Rs: 9208337/-

In Words

Ninety two lacs eight thousand three hundred thirty seven rupees only.

CONTRACTOR

M/o Tawair Engineering Works
PROPRIETOR
SYED SHAHZAD HUSSAIN SHAH

EXECUTIVE ENGINEER

PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL



OFFICE OF THE
EXECUTIVE ENGINEER PUBLIC HEALTH
ENGINEERING DIVISION SUJAWAL

No: PHE/TC/ 987 Sujawal Dated: 14/09/2018

WORK ORDER

To,

M/s Hamaas Enterprises,
Government Contractor,
P.O Darro Village Lakha,
Taluka Mirpur Bathoro,
District Sujawal.

SUBJECT:- REPAIR OF FILTER BEDS FOR URBAN WATER SUPPLY SCHEME SUJAWAL DISTRICT SUJAWAL. and watersupply scheme Darro.

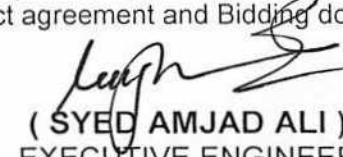
Reference:- Letter of Acceptance No.TC/PHE/971, Dated:08/09/2018.

On the recommendation of Procurement Committee and approval from the Competent Authority i.e Chief Engineer Public Health Engineering Department Government of Sindh Hyderabad vide letter No.GM/PHED/Tender/1641, Dated:07/09/2018. Your Bid for the subject work has been accepted @ 18.25% (Eighteen Point Twenty Five Percent) above, on the Schedule items of the Schedule "B" which comes out @ 7.35% (Seven Point Thirty Five Percent) Above on the estimated cost. Total Tender Cost of which comes to Rs.2,41,20,345/- (Two Crore Forty One Lacs Twenty Thousand Three Hundred & Forty Five Only.)

Since contract agreement for the above mentioned work has been executed, you are directed to start the work within (07) days after receipt of work order and complete the same within the stipulated time of (09) months strictly as per specification and conditions of the contract.

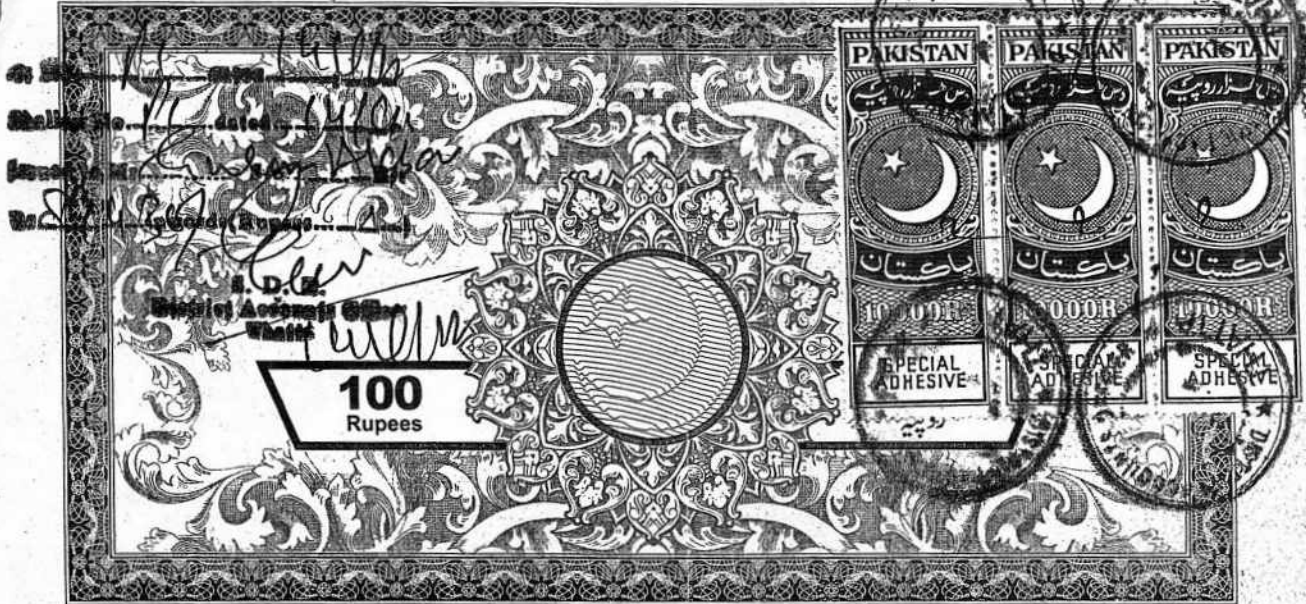
The work must be carried out as per PWD /PHE Specification under the supervision and satisfactory of Assistant Engineer Incharge.

1. All other terms & conditions would be same as per agreement of the contract and Bidding documents.
2. In case of any un-necessary delay in execution of work, penalty shall be imposed on the contractor as per terms & conditions of the contract agreement and Bidding documents.


(SYED AMJAD ALI)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL

C.C for information to:-

- The Chief Engineer Public Health Engineering Department Government of Sindh Hyderabad for his kind information.
- The Superintending Engineer Public Health Engineering Circle Hyderabad for his kind information with reference to his office letter No.GM/2017 dated:07/09/2018.
- The Assistant Engineer Public Health Engineering Sub-Division No-I Sujawal. He is directed to get start the work as per specification and intimate actual date of commencement of the work.
- Office file.



Abc
ABD LATIF MAMON
 Stamp Vendor
 No. No 220
 14-09-2018

Blank Issued to Mr. Sheroz Rafiq Mamon.

CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT made on the 14th day of September 2018 between Executive Engineer Public Health Engineering Division Sujawal of the one part and M/s Hamaas Enterprises Government Contractor, Address: P.O Darro Village Lakha Taluka Mirpur Bathoro District Sujawal. of the other part.

WHEREAS the Procuring Agency is desirous that certain Works, viz Repair of Filter Beds for Urban Water Supply Scheme Sujawal District Sujawal. should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesses as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.

(g) Integrity Pact
4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contractor

(Seal)

Signed, Sealed and Delivered in the presence of:
 Witness:

(Name, Title and Address)

M/s Tawakal Engineering Works
PROPRIETOR
SYED SHAHZAD HUSSAIN SHAH

Signature of the Procuring Agency

Executive Engineer

Public Health Eng. Division

Witness

(Name, Title and Address)

ASSISTANT ENGINEER
PUBLIC HEALTH ENGINEERING
SUB-DIVISION SUJAWAL

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

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

- | | |
|--|--|
| 1) NAME OF THE ORGANIZATION / DEPTT: | Public Health Engineering Department |
| 2) PROVINCIAL / LOCAL GOVT: / OTHER | Provincial Government |
| 3) TITLE OF CONTRACT | Repair of Filter Beds for Urban Water Supply Scheme Sujawal |
| 4) TENDER NUMBER | NO:TC/PHE/836, dated 26-06/2018 |
| 5) BRIEF DESCRIPTION OF CONTRACT | Mentioned Above Serial No.3. |
| 6) FORUM THAT APPROVED THE SCHEME | P&D Department Government of Sindh |
| 7) TENDER ESTIMATED VALUE | Rs:-22.4682 Million |
| 8) ENGINEER'S ESTIMATE
(For civil works only) | Rs:-22.4682 Million |
| 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) | 09 Months |
| 10) TENDER OPENED ON (DATE & TIME) | 18-07-2018 @ 12:00 Noon |
| 11) NUMBER OF TENDER DOCUMENTS SOLD
(Attach list of buyers) | (11) Eleven |
| 12) NUMBER OF BIDS RECEIVED | (02) Two |
| 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS | (02) Two |
| 14) BID EVALUATION REPORT
(Enclose a copy) | Enclosed |
| 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDERS | i. M/s Hamaas Enterprises
P.O Darro Village Lakha Taluka Mirpur
Bathoro District Sujawal |
| 16) CONTRACT AWARD PRICE | RS:-2,41,20,345/- |
| 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e 1 st , 2 nd EVALUATION BID) | i. M/s Hamaas Enterprises
1 st Lowest
ii. M/s Ayaz Qureshi
2 nd Highest |
| 18) METHOD OF PROCUREMENT USED – (Tick one) | |
| a) SINGLE STAGE – ONE ENVELOPE PROCEDURE | <input type="checkbox"/> Domestic/Local |
| b) SINGLE STAGE – TWO ENVELOPE PROCEDURE | <input checked="" type="checkbox"/> |
| c) TWO STAGE BIDDING PROCEDURE | <input type="checkbox"/> |
| d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE | <input type="checkbox"/> |

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

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT Chief Engineer

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN

Yes	✓	No	
-----	---	----	--

21) ADVERTISEMENT:

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

Yes	Sr:# 37803 uploaded on 28-06-2018
No	

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

Yes	i. Express (Urdu)	29-06-2018
	ii. Sindh Express (Sindhi)	29-06-2018
	iii. Dawn (English)	30-06-2018
	iv. Aman (Urdu)	30-06-2018
	v. Awani Awaz (Sindhi)	30-06-2018
No.		

22) NATURE OF CONTRACT

Domestic/ Local	✓	Int.	
--------------------	---	------	--

23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	✓	No	
-----	---	----	--

24) WHETHER BID EVALUATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	✓	No	
-----	---	----	--

25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	N/A	No	N/A
-----	-----	----	-----

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDER?

Yes	✓	No	
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	N/A	No	N/A
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLACENCE?

Yes	✓	No	
-----	---	----	--

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	✓	No	
-----	---	----	--

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF
CONTRACT?
(Attach copy of the bid evaluation report)

Yes	✓	No	
-----	---	----	--

31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	
No	✓

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

Yes	
No	✓

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

Yes	
No	✓

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

Yes	
No	✓

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

Yes	✓	No	
-----	---	----	--

36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD.
(If yes, enclose a copy)

Yes		No	✓
-----	--	----	---

37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC)?

Yes	N/A	No	N/A
-----	-----	----	-----

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	✓

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL

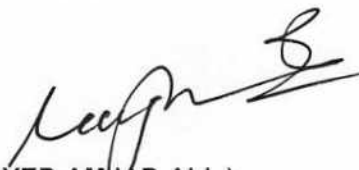
FOR OFFICE USE ONLY

LIST OF BUYERS
(NUMBER OF TENDER DOCUMENTS SOLD)

SUBJECT: 1: - REPAIR OF FILTER BEDS FOR URBAN WATER SUPPLY
SCHEME SUJAWAL DISTRICT SUJAWAL (Work No.01)

Reference: - NIT NO.PHE/TC/836, DATED:26/06/2018

S. #	Name of Contractor
1	M/s Cosmos Engineering Syndicate
2	M/s Tawakal Engineering Works
3	M/s Ayaz Qureshi
4	M/s Tawakal Enterprises
5	M/s Ghulam Shabir Memon
6	M/s Engineer Zulfiqar Ali
7	M/s Anwar Hussain Memon
8	M/s Hamas Enterprises
9	M/s Allah Waryo Samoo
10	M/s Mumtaz Ali Khatti
11	Syed Mehmood Shah Bukhari



(SYED AMJAD ALI)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL

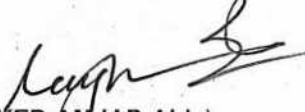
Bid Evaluation Report


1. Name of Procuring Agency: Executive Engineer Public Health Engineering Division Sujawal.
2. Tender Reference No: NIT NO:TC/PHE/836, dated:-26/06/2018
3. Name of Work: Repair of Filter Beds for Urban Water Supply Scheme Sujawal District Sujawal.
4. Method of Procurement: Single stage two Envelope.
5. Tender Published: SPPRA website Uploaded @ Serial No.37803 and Daily News papers Daily Dawn (English) 30-06-2018, Daily Express (Urdu) (29-06-2018), Daily Aman (Urdu) (30-06-2018), Daily Awami Awaz (Sindhi) (30-06-2018), Daily Sindhi Express (Sindhi) 29-06-2018.
6. Total Bid Documents Sold: 11 Nos:
7. Total Bids Received: 02 Nos:
8. Technical Bid Opening date: 18-07-2018
9. No. of Bid Technically qualified (If applicable): ----- 02 Nos
10. Bid(s) Rejected: 0 No
11. Financial Bid Opening date: 23-07-2018
12. Bid Evaluation Report

S. No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated Cost	Reason for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1	M/s Hamaas Enterprises	24,115,185	Lowest	7.35% Above	1 st Lowest	Recommended for award of work
2	M/s Ayaz Qureshi	24,357,021	Higher	8.42% Above	2 nd Highest	

SIGNATURES OF THE MEMBERS OF THE PROCUREMENT COMMITTEE


(ABDUL SALAM MEMON)
(MEMBER)
EXECUTIVE ENGINEER
HIGHWAY WORKS & SERVICES
DIVISION SUJAWAL
Representative of Deputy Commissioner
Sujawal


(SYED ANJAD ALI)
(MEMBER / SECRETARY)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL


(QAMARUDDIN CHANDIO)
(CHAIRMAN)
SUPERINTENDING ENGINEER (O&M)
PUBLIC HEALTH ENGINEERING CIRCLE
SUJAWAL

ELIGIBILITY / MINIMUM QUALIFICATION CRITERIA

SUBJECT: REPAIR OF RAPID GRAVITY FILTER FOR URBAN WATER SUPPLY SCHEME DARRO DISTRICT SUJAWAL (Work No.02)

VENUE: - OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION THATTA NEAR SESSION COURT & S.P OFFICE MAKLI DISTRICT THATTA

Date of Opening: 18/07/2018 @ 12:00 Noon

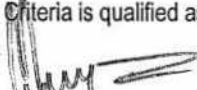
Name of Bidder:- M/s HAMAAS ENTERPRISES

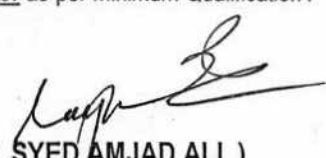
S.No	Criteria	Documents available	Remarks	
1	Valid registration with PEC in Category as per requirement having specialization Codes CE-9, CE-10, EE-4, & ME-6.	Yes	Pass	
2.	Registration with FBR along with Income Tax & GST Certificate.	Yes	Pass	
3.	Registration with Sindh Revenue Board	Yes	Pass	
S.No	Particulars	SPPRA Rule-42 Documents attached	Max Marks	Marks Obtained
i.	Bank Statement Last 06 Months	Yes	20	20
ii.	List of Works of Water & Sewerage Completed Last 03 Years completed Certificate	Yes	20	08
iii.	List of on-going works of Water Supply & Drainage Schemes and size with copies of award letters	Yes	10	04
iv.	Qualification and experience of technical personal and key site management with three (3 Years) experience.	Yes	20	0
v.	S.B.R & S.R.B Certificate	Yes	20	20
vi.	Details of Machinery & Equipment with documentary evidence	Yes	10	0
TOTAL			100	52
Minimum Passing Marks 40%				


NOTE:- i) Work of Water Supply and Drainage Scheme Completed (2 Marks obtained each scheme)

ii) Work of Water Supply and Drainage Scheme Ongoing (2 Marks obtained each scheme)

Recommendation:- The bid of M/s Tawakal Engineering Works Contractor as per Minimum Qualification / Eligibility Criteria is qualified as "Responsive Bidder" for further evaluation.


(ABDUL SALAM MEMON)
(MEMBER)
EXECUTIVE ENGINEER
HIGHWAY WORKS & SERVICES
DIVISION SUJAWAL
Representative of Deputy Commissioner
Sujawal


(SYED AMJAD ALI)
(MEMBER / SECRETARY)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL


(QAMARUDDIN CHANDIO)
(CHAIRMAN)
SUPERINTENDING ENGINEER (O&M)
PUBLIC HEALTH ENGINEERING CIRCLE
HYDERABAD

ELIGIBILITY / MINIMUM QUALIFICATION CRITERIA

SUBJECT: REPAIR OF RAPID GRAVITY FILTER FOR URBAN WATER SUPPLY SCHEME DARRO DISTRICT SUJAWAL (Work No.02)

VENUE: - OFFICE OF THE EXECUTIVE ENGINEER PUBLIC HEALTH ENGINEERING DIVISION THATTA NEAR SESSION COURT & S.P OFFICE MAKLI DISTRICT THATTA

Date of Opening: 18/07/2018 @ 12:00 Noon

Name of Bidder:- M/s AYAZ QURESHI

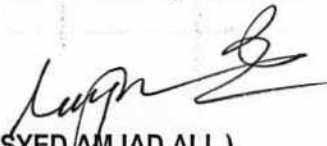
S.No	Criteria	Documents available	Remarks	
1	Valid registration with PEC in Category as per requirement having specialization Codes CE-9, CE-10, EE-4, & ME-6.	Yes	Pass	
2.	Registration with FBR along with Income Tax & GST Certificate.	Yes	Pass	
3.	Registration with Sindh Revenue Board	Yes	Pass	
S.No	Particulars	SPPRA Rule-42 Documents attached	Max Marks	Marks Obtained
i.	Bank Statement Last 06 Months	Yes	20	20
ii.	List of Works of Water & Sewerage Completed Last 03 Years completed Certificate	Yes	20	0
iii.	List of on-going works of Water Supply & Drainage Schemes and size with copies of award letters	Yes	10	04
iv.	Qualification and experience of technical personal and key site management with three (3 Years) experience.	Yes	20	0
v.	S.B.R & S.R.B Certificate	Yes	20	20
vi.	Details of Machinery & Equipment with documentary evidence	Yes	10	0
TOTAL			100	44
Minimum Passing Marks 40%				


NOTE:- i) Work of Water Supply and Drainage Scheme Completed (2 Marks obtained each scheme)

ii) Work of Water Supply and Drainage Scheme Ongoing (2 Marks obtained each scheme)

Recommendation:- The bid of M/s Ayaz Qureshi Contractor as per Minimum Qualification / Eligibility Criteria is qualified as "Responsive Bidder" for further evaluation.


(ABDUL SALAM MEMON)
(MEMBER)
EXECUTIVE ENGINEER
HIGHWAY WORKS & SERVICES
DIVISION SUJAWAL
Representative of Deputy Commissioner
Sujawal


(SYED AMJAD ALI)
(MEMBER / SECRETARY)
EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION SUJAWAL


(QAMARUDDIN CHANDIO)
(CHAIRMAN)
SUPERINTENDING ENGINEER (O&M)
PUBLIC HEALTH ENGINEERING CIRCLE
HYDERABAD

Name of Scheme:-

COMPARATIVE STATEMENT
REPAIR OF FILTER BEDS FOR URBAN WATER SUPPLY SCHEME SUJAWAL DISTRICT SUJAWAL (Work No.01)

NIT Reference No.

NO:TC/836, DATED:26/06/2018

Bid Submission Date 17/07/2018 (12:00 Noon)


Technical Bid Opening Date 18/07/2018 12:00 Noon)

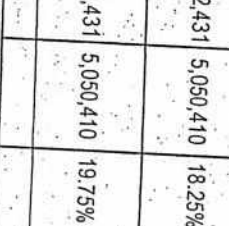
Financial Bid Opening Date 23/07/2018 (03:00 PM)

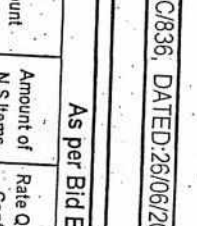
Sr. No.	Name of Bidders	As per Bid Evaluation							As per Contract Provision / Technical Sanction						
		Amount of (CSI) BOQ	Amount of N.S Items BOQ	Rate Quoted by Contractor (Above / Below)	Amount of Rate Quoted by Contractor	Total Contract Amount	Add Amount Diff. Cost of SR Cement	Total Bid Value (7+8)	Amount of BOQ	Cost of Carriage	10% premium Sch. of Material.	Premiu mabove/ Below	Estimate Cost of Escalation SR Cement	Cost of Contingen cy	Total (10 to 15)
1	M/s Hamaas Enterprises	16,122,431	5,050,410	18.25% Above	2,942,344	24,115,185	5,160	24,120,345	21,172,841	1,290,174	0	0	5,160	0	22,468,175
2	M/s Ayaz Qureshi	16,122,431	5,050,410	19.75% Above	3,184,180	24,357,021	5,160	24,362,181	21,172,841	1,290,174	0	0	5,160	0	22,468,175

Estimate Sanctioned by the Chief Engineer Public Health Engineering Department Govt. of Sindh Hyderabad Vide No. DB/DWE/1204 Dated:- 26/06/2018 Amount Sanctioned to Rs.-22,468,200/-

There is 18.25% Above on CSI (Except Non-Sch. items), as such rate quoted by M/s Hamaas Enterprises Govt. Contractor at 7.35% Above on the T.S found lowest / reasonable in the competition of others.


ABDUL SALAM MEMON
 (MEMBER)
 EXECUTIVE ENGINEER
 HIGHWAY WORKS & SERVICES
 DIVISION SUJAWAL
 REPRESENTATIVE OF DEPUTY COMMISSIONER
 SUJAWAL


(SYED AMJAD ALI)
 (SECRETARY / MEMBER)
 EXECUTIVE ENGINEER
 PUBLIC HEALTH ENGINEERING
 DIVISION SUJAWAL


(QAMAR UDDIN CHANDIO)
 (CHAIRMAN)
 SUPERINTENDING ENGINEER (Q&M)
 PUBLIC HEALTH ENGINEERING CIRCLE
 HYDERABAD

(MEMBER)
 EXECUTIVE ENGINEER
 HIGHWAY WORKS & SERVICES

(SYED AMJAD ALI)
 (MEMBER / SECRETARY)

BILL OF QUANTITY
(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE
SCHEDULE OF RATES

NAME OF WORK:- REPAIR OF FILTER BED FOR URBAN WATER SUPPLY SCHEME
SUJAWAL DISTRICT SUJAWAL

Sr.No	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Group: "A" Filter Bed

1,	Earth work excavation undressed lead upto a Shingle throw of Kassi Phawarah or Shavel in ordinary soil etc complete (GSINo.1 (b) P/1)	6542 Cft	@ Rs: 1361.25	P% Cft	Rs: 8905
2,	Removing Cement or Lime Mortor (GSINo.53 P/13).	6937.00 Sft	@ Rs: 121	P% Sft	Rs: 8394
3,	Cement Plaster (1:4) upto 12'ft height 3/4" thick (GSINo.11 P/51)	6937 Sft	@ Rs: 3015.76	P% Sft	Rs: 209203
4,	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) (GSINo.5 P/15).	493 Sft	@ Rs: 14429.25	P% Cft	Rs: 71136
5,	Dismantling Cement Block Masonary (GSINo.14 P/10).	54 Sft	@ Rs: 1334.38	P% Cft	Rs: 721
6,	Providing and Laying (1:3:6) Cement Concrete Solid Block Masonary Section (1:6) Cement Sand Mortor in plinth and foundation i/c racking out joints curring complete (GSINo.22 P/18).	54.00 Cft	@ Rs: 14268.53	P% Cft	Rs: 7705
7,	Cement Plaster (1:4) upto 12'ft height 3/4" thick (GSINo.11 P/51)	219.00 Sft	@ Rs: 3015.76	P% Sft	Rs: 6605
8,	Supplying & Staking at site gravel of size 3/4" - 1/2" (19mm to 38mm) i/c screening washing and shuttering the same in filter beds to correct level etc complete (GSINo.C (i) P/56).	2242.60 Cft	@ Rs: 3410.00	P% Cft	Rs: 7643 1/2
9,	Supplying and staking at the site gravel of size 1/8" - 1/4" (80mm to 160mm) i/c screening washing and spreding the same in filter bed to correct level etc complete (PHSINo.2 P/56)	2242.80 Cft	@ Rs: 2960	P% Cft	Rs: 6638 1/2

Emergence



Leugh S

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Supplying and Staking at site filter sand for Slow Sand Filter of effective size 0.25m to 0.4mm i/c double screening washing and spreading the same in filter bed to correct level etc complete (PHSINo.3 P/57).

9345 Cft @ Rs:5367 P% Cft Rs: 501546

11, Taking at filltermedia from beds washing screeing and relaying the same into filler bed to proper lead etc complete (PHSI NO: 5 P NO: 57)

16821 Cft @ Rs:1800 P% Cft Rs: 302778

12, Providing & Installing M.S Pipe 3/16" thick M.S Sheet with welded joints (R.A.A).

10" DIA
244 Rft @ Rs:1226.76 P: Rft Rs: 299329

13, Providing & Furnishing M.S Flanged 3/8" thick M.S Sheet with welded with drilling holes (R.A.A)

40 Nos @ Rs:1228.87 Each Rs: 49155

14, Jointing C./M.S Flanged pipe and Specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts, bolts, with washer etc complete (PHSINo.(M) 1 P/40).

10" dia
25 Nos @ Rs:1576.00 Each Rs: 39400

15, Excavation for the pipe lne in trenches and pits in hard rock by hammering and chieslling i/c trimming and dressing side to true alignment and shape levelling (PHSINo.10 P/64).

1200 Cft @ Rs:24150 P%0 Cft Rs: 28980

16, Refilling the excavated stuff in trenches 6" thick layers i/c watering ramming to full compaction (PHSINo.24 P/77).

1080 Cft @ Rs:2760.00 P%0 Cft Rs: 2981

17, Supplying C.I Bend with flange end with holes i/c trimming etc complete (SMINo. P/).

10" dia
76 Kg @ Rs:120.00 P: Kg Rs: 9120

18, Supplying C.I Sluice valve heavy pattern test pressure 21 kg/sq or 300 Lbs/inch (SMINo. P/).

10" Dia
3 Nos @ Rs:27690.00 Each Rs: 83070

19 Cement Concrete Plain i/c placing compacting finishing and curing complete i/c screening and washing Ratio (1:2:4) (GSINo.5 P/15).

628 Cft @ Rs:14429.25 P% Cft Rs: 90616

Total Rs: 1862510



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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Group: "B" Pump House (20'x15')

Excavation in foundation of building bridges and others structure i/c
Dag Belling Dressing refilling around the structure with excavated
earth watering ramming lift upto 5 Ft and lead upto one chain
(ordinary Soil) (G.S.I No: 18/B P/5).

365.00 Cft @ Rs: 3176.25 /- P%0 Cft Rs: 1159

2, Cement Concrete brick or stone ballast 1.1/2" to 2" Gauge Ratio
1:4:8 etc (G.S.I No: 4/B P/16)

218.66 Cft @ Rs: 9416.28 /- P%0 Cft Rs: 20590

3, Coursed Ruble Masonry including hammer dressing with cement
sand mortor sand Ratio 1:6. (G.S.I.NO: 2 P/32)

328.50 Cft @ Rs: 25321.0 /- P% Cft Rs: 83179

4, D.P.C with cement sand shingle concrete ratio 1:2:4 and cost of
asphaltic mixture (G.S.I No. 98 P/102) 2" Thick.

109.50 Sft @ Rs: 4982.18 /- P% Sft Rs: 5455

5, Coursed Ruble Masonry including hammer dressing with cement
sand mortor sand Ratio 1:6. (G.S.I.NO: 4d P/27)

855.31 Cft @ Rs: 26288.46 /- P% Cft Rs: 224848

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 sepatatley. This rats also i/c all kinds of forms moduls lifittings
shuttering curring rendering and finishing the exposed surface i/c
screening and waching of shingle (a) R.C work in r-cf slab beams
columns rafts lintels and other structural member laid in situ or
cement 2 cft sand 4 cft shingle 1/4" to 1/8" guage etc
complete.(G.S.I.No 6-1 : P: 18)

237.00 Cft @ Rs: 337.00 P: Cft Rs: 79869

7, Fabrication of mild steel reinforcement for cement concrete i/c
cutting bending laying in position making joints and fastening i/cost
of binding wire also i/c removal of rust from bars.(G.S.I.No: 7 (ii) :
P/ 16)

9.52 Cwt @ Rs: 5001.70 P: Cwt Rs: 47616

8, Making and fixing steel grated door with 1/16"thick sheeting i/c angle
iron frame 2"x2"x3/8" and 3/4" square bars 4" center to center with
looking arrangement.(G.S.I.No: 24 : P : 9).

28.00 Sft @ Rs: 726.72 P: Sft Rs: 20348

Signature



Signature

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Fabrication of heavy steel work with angles tees flate iron round iron and steel iron for making tresses girders concrete i/c cutting revorting handling assembling (G.S.I.No. 2 P/96)

2.38 Rft @ Rs:4928.49 /- P: Cwt Rs: 11730

10, Supplying and fixing iron steel grill of 3/4" to 1/4" flat iron of approved desion i/c painting 3 coats etc complete weight not less them 3:7 P: & foot of fen steel girds. (G.S.I.No. 24 P: 97)

36.00 Sft @ Rs:180.50 /- P: Sft Rs: 6498

11, **Painting New Surface:-**

c) Preparing surface and painting of doors and windows only type i/c edges (3 costs) (G.S.I.No: 5 : P : 76)

128.00 Kg @ Rs:2116.41 P:% Sft Rs: 2709

12, Supplying & Fixing Lohite Marble flooring from dressed on the surface Lethout heing set in lime mortor (1:2) (SMINo.34 & 28 P/40 to 15).

500.00 Sft @ Rs:298.40 P: Sft Rs: 149200

13, Cement planter 1:6 upto 20'ft height 1/2"thick ratio (1:4). (G.S.I.No: 11 : P : 57).

1453.00 Sft @ Rs:2206.60 P% Sft Rs: 32062

3/8" Thick

1453.00 Sft @ Rs:2197.52 P% Sft Rs: 31930

14, Providing laying 1"thick topping cement concrete 1:2:4 i/c surface finishing and dividing into panels 2"thick . (G.S.I.No. 16 P/ 46)

300 Sft @ Rs:3275.50 P% Sft Rs: 9827

15, Preparing the surface and painting with weather cost i/c rubbing bricks sand paper filling the voids with chalk plaster of pairs and then painting with weather coat of apprevd chake. (GSI No; 38 P No: 56).

799.50 Cft @ Rs: 1948.10 /- P% Cft Rs: 15575

16, Priming coat of chalkdes lempor.(GSINo.23 P/54).

1017 Sft @ Rs:442.75 P% Sft Rs: 4503

18 Distemper (2 Coats)

1017 Sft @ Rs:1043.90 P% Sft Rs: 10616

Total Rs: 757716

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Group:"C" Pump House (10'x12')

Excavation in foundation of building bridges and others structure i/c Dag Belling Dressing refilling around the structure with excavated earth watering ramming lift upto 5 Ft and lead upto one chain (ordinary Soil) (G.S.I No: 18/B P/5).	245.00 Cft	@ Rs:3176.25 /-	P%0 Cft	Rs: 778 /-
2, Cement Concrete brick or stone ballast 1.1/2" to 2" Gauge Ratio 1:4:8 etc (G.S.I No: 4/B P/16)	106.28 Cft	@ Rs:9416.28 /-	P% Cft	Rs: 10008 /-
3, Coursed Ruble Masonry including hammer dressing with cement sand mortor sand Ratio 1:6. (G.S.I.NO: 2 P/32)	252.00 Cft	@ Rs:25321.0 /-	P% Cft	Rs: 63809 /-
4, D.P.C with cement sand shingle concrete ratio 1:2:4 and cost of asphaltic mixture (G.S.I No. 98 P/102) 2" Thick.	73.50 Sft	@ Rs:4982.18 /-	P% Sft	Rs: 3662 /-
5, Coursed Ruble Masonry including hammer dressing with cement sand mortor sand Ratio 1:6. (G.S.I.NO: 4d P/27)	562.81 Cft	@ Rs:26288.46 /-	P% Cft	Rs 147954
6, R.C.C work i.e. 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.e. all kinds forms modules lifting shutting curing remarking and finishing the exposed surface i.e. screening and washing of shingle (a) R.C. work in roof slab beams columns rafts lintel and other structural member laid in Situ or pre-cast laid in position in the respect ratio 1:2:4 etc complete (G.S.I No. 6/a P/18)	112.67 Cft	@ Rs:337.00 /-	P: Cft	Rs: 37970 /-
7, Fabrication of mild steel reinforcement for cement concrete i.e. cutting bending laying in position making joints & fastening i.e. cost of binding wire also i.e. removal of rust from bars (G.S.I No. 7 ii(a) P/19). (Using Bors)	4.52 Cwt	@ Rs:5001.70 /-	P: Cwt	Rs: 22608 /-
8, Making and fixing steel door with 1/16" thick sheeting i/e. angle iron frame 2" x 2" x 3/8" and 3/4" square bars 4" center to center with looking arrangement (G.S.I No. 24 P/97)	28.00 Sft	@ Rs:726.72 /-	P: Sft	Rs: 20348 /-

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Fabrication of heavy steel work with angles tees flate iron round iron and steel iron for making tresses girders concrete i/c cutting revorting handling assembling (G.S.I.No. 2 P/91)

2.03 Cwt @ Rs:4928.49 /- P: Cwt Rs: 10005 /-

10, Supplying and fixing iron steel grill of 3/4" to 1/4" flat iron of approved desion i/c painting 3 coats etc complete weight not less them 3:7 P: & foot of fen steel girds. (G.S.I.No. 24 P: 97)

24.00 Sft @ Rs:180.50 /- P: Sft Rs: 4332 /-

11, Pointing New Surface

Preparing surface and painting doors and windows and any type (i/c edges) (G.S.I No. 5/C P/76)

3 Coats

104.00 Sft @ Rs:2116.45 /- P:% Sft Rs: 2201 /-

12, Cement plaster (1:6) upto 20'ft height 1/2" thick (G.S.I.NO: 11 P/57)

399.00 Sft @ Rs:2206.60 /- P% Cft Rs: 8804 /-

12, Cement plaster (1:4) upto 20'ft height 3/8" thick (G.S.I.NO: 11 P/57)

399.00 Sft @ Rs:2197.52 /- P% Cft Rs: 8768 /-

13, Providing and laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing in to panels 2" thick etc (G.S.I No. 16/c P/46).

120.00 Sft @ Rs:3275.50 /- P:% Sft Rs: 3931 /-

14, Pointing Flush on Stone work in Cement Sand Mortor (1:3) (GSINO.20 P/58).

584.00 Sft @ Rs:1758.08 /- P:% Sft Rs: 10267 /-

14, Preparing the surface and painting with weather cost i/c rubbing bricks sand paper filling the voids with chalk plaster of pairs and then painting with weather coat of appreved chake. (GSI No; 38 P No: 56).

584.00 Cft @ Rs: 1948.10 /- P% Cft Rs: 11377 /-

14, Supplying & Fixing Lohite Marble flooring from dressed. on the surface Lethout heing set in lime mortor (1:2) (SMINO.34 & 28 P/40 to 15).

239.25 Sft @ Rs: 298.40 /- P: Sft Rs: 71392 /-

15, Primary Coat of Chalk for Distemper (GSINO.26 P/54).

519.00 Sft @ Rs:442.75 /- P:% Sft Rs: 2298 /-

16, Distemper (GSI NO: 27 Pno:54) (2 Coats).

519.00 Sft @ Rs:1043.90 /- P:% Sft Rs: 5418 /-

Total Rs 445930

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Group:"D" RCC Collecting Tank

Dismantling Cement Concrete reinforced separating reinforcement from concrete cleaning and straightening the same (GSINo.20 P/10)

2265 Cft @ Rs:5445.00 P:0 Cft Rs: 123329

- 2, Earth work excavation in ashes, sand soft soil or sit clearance undressed lead upto 50 ft (G.S.I.NO: 2 P-NO:1)

5655.00 Cft @ Rs:1663.75 P:%0 Cft Rs: 9410

- 3, Earth work for slushy or deldal i/c dewatering. (G.S.I.NO 16 P-4)

5656.00 Cft @ Rs:2420.00 P:%0 Cft Rs: 13688

- 4, 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 etc complete (GSINo.5 P/15)

706 Cft @ Rs: 14429.25 P% Cft Rs: 101871

- 5, R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for ebdning and binding which will be paid separately. This rates also i/c all kinds forms moduls lifting shuttering curring ra0ndering and finishing the exposed surface i/c 00screening and washing of shingle (a) R.C work ratio (:2:4) etc complete. (G.S.I.No: 6 P/ 18)

2508 Cft @ Rs:337.00 P: Cft Rs: 845196

- 6, Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints & fastening i/c cost of binding wire also i/c removal of rust from bars etc. (G.S.I.No: 7-2 P/ 19)

100.77 Cwt @ Rs:5001.70 P: Cwt Rs: 504021

- 7, Providing Expension joint in concrete work of 8" wide corrugated P.V.C water stop (with blub) i/c soldering cost of material and labour etc complete.(P.H.S.I.No: B/2 P/ 43)

191.66 Rft @ Rs:86.00 P: Rft Rs: 16483

- 8, Removing of Cement or Lime Plaster (GSINo.53 P/13).

1460 Sft @ Rs:121.00 P% Sft Rs: 1767

- 9, Cement Plaster upto 12'ft height in Cement Sand Mortor (1:4) 3/4" thick (GSINo.11 c P/52)

2669.61 Sft @ Rs:3015.76 P:% Sft Rs: 80509

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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P/F in position in C.C.Foundation (1:3:6) to M.S Ladder of M.S angle iron 2" x 2" x 1/4" 1' apart with M.S bars 3/4" dia spaced 1' apart painting 3 Coats with anticorrosive steel paint etc complete (PHSINo.3 P/42).

10.00 Rft @ Rs:799.00 P: Rft Rs: 7990

11, P/F C.I Man hole cover with frame i/c cost of material etc complete (P.H.S.I.No: 1 P/23)

3.50 Cwt @ Rs:6985.00 P: Cwt Rs: 24448

12, P/F C.I Ventilator (weight not to be less than 80 lbs/ sq/each) in tank roof of approved design with water tight joint i/c pointing etc. (P.H.S.I.No: 4 P/ 43)

4.00 Nos @ Rs:4870.00 Each Rs: 19480

Total Rs: 1748192

Group: "E" Pumping Machinery

1, Supplying and Installing in position i/c transportation to site of work at Water Supply Scheme Sujawal Electric Pumping Set Consist of Electric Motor 75 BHP 3 phase 50 cycle 400/420 Volts of 2900 RPM Siemens Frame 200 L coupled with centrifugal pump KSB ETA Norm type (100-250) Size 6"x5" mounted on common steel frame or base plate capable discharge of 832 GPM against the head of 175'ft i/c installing of pumping set on cement concrete Ratio 1:2:4 and C.C. 1:4:8 with ballast with M.S nuts and bolts of 3/4" dia to be embedded in C.C.Foundation i/c providing automatic star delta starter (Type KSB Made) i/c providing & fixing on prepared board iron (Clad) triple pole and natural switch fuse with rewirable type fuse link carrier 500 Volts meter 0-500 volts and Amps installed on metalled board i/c providing and fixing metalled board to accomodate main or sub main control switch recessed in the wall size 3" x 4" i/c providing phase indication bulbs with holder and providing internal electric wiring for main with 3-19/1.53 (19/0.64) PVC insulated wire 660 Volts grade in 40mm (1.1/2") PVC Conduit on surface as required i/c providing and fixing earthing set with 2' x 2' x 1/4" copper plate buried in ground at depth of 12" or less if water comes out from the ground of soil, earth plate to be connected with No.8 S.W.G bare copper wire run in 1/2" G.I Pipe straight from the earth plate.

75 BHP

3.00 Set @ Rs: 1067340 P: Set Rs 3202020

2, Supplying C.I Sluice valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/ inch (PHSINo.2 P/9)

6" dia

3.00 Nos @ Rs:9360 P: Set Rs 28080

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
Supplying Reflex valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/inch (PHSINO. P/9). <u>6" dia</u>	3.00 Nos	@ Rs: 4062.50	Each	Rs. 12188
4. Supplying C.I Foot Valve heavy pattern with cone type gate (MSINO.4 P/10) (Imported). <u>6" dia</u>	3.00 Nos	@ Rs: 1381.25	Each	Rs. 4144
5. Supplying C.I Bend with flanged end with holes i/c trimming etc complete (MSINO.2 P/10). <u>6" dia</u>	192.30 Kg	@ Rs: 120	P: Kg	Rs. 23076
6. Manufacturing Supplying MS Pipe made out of MS Sheet of 3/16" thick cutting bending folding to correct curvature and shape i/c welding etc complete (R.A Attached) <i>(B o. Sch.)</i> <u>6" dia</u>	100.00 Rft	@ Rs: 749.34	P: Rft	Rs. 74934
7. Manufacturing and furnishing M.S Flanged pipe 6" dia made out of M.S Sheet 3/8" thick including dilling holes and welding etc complete (Rate Approved) <i>(B o. Sch.)</i> <u>6" dia</u>	24.00 Nos	@ Rs: 804.77	Each	Rs. 19314
8. Jointing with C.I/M.S Flanged pipe and Specials flanged and inside a trench i/c supplying rubber packing (PHSINO.1 P/40). <u>6" dia</u>	24.00 Joints	@ Rs: 938.00	P: Joint	Rs. 22512
9. C.I Tee with Flange end with holes i/c trimming etc complete (SMINO.5 P/11). <u>6"x6"x6" dia</u>	32.70 Kg	@ Rs: 120	P: Kg	Rs. 3924
Total				Rs 3390192

Group: "F" Pumping Machinery

- Supplying and Installing in position i/c transportation to site of work at Water Supply Scheme Sujawal Pumping Set of 1450 RPM (Siemens) 20 BHP Electric (ILAZ-106-2AA) 2 Cycles 500/20 Volts non clogging KSB Pump type ETA Norm 125-200 Size 4"x3" mounted on common steel frame or base plate capable of discharge 835 gpm against the require head of 40'ft i/c installed on cement concrete Ratio (1:2:4) with M.S nuts and bolts of 5/8" dia to be embedded made in cement concrete foundation on providing and fixing MCO Automatic delta Starter (KSB Made) volts and main submission center switch press in the wall (5"x4") providing internal electric wiring for main switch 3.70 PVC installed wire 500 volts grade 15mm on the ground at the depth of 7.20 m (12) as per Pak PWD Specification and testing pumping set against the head of 72 hours etc complete (R.A.Attached).

3.00 Set @ Rs: 586130 P: Set Rs. 1758390

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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M.S Pipe made out of M.S Sheet of 4.8mm (3/16"thick) bending folding to correct curvature as shape (R.A.Approved) (B.O. Sel.)

Suction 6" dia Pipe

111.00 Rft @ Rs: 749.34 P: Set Rs: 83177

Delivery Main 6" dia Pipe

17.00 Rft @ Rs: 749.34 P: Set Rs: 12739

- 3, Manufacturing and furnishing M.S Flanged pipe 6" dia made out of M.S Sheet 3/8" thick including dilling holes and welding etc complete (Rate Approved) (B.O. Sel.)

6" dia

22.00 Nos @ Rs: 804.77 Each Rs: 17705

- 4, Supplying C.I Sluice valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/ inch (PHSINO.2 P/9)

6" dia

3.00 Nos @ Rs: 9360 P: Set Rs: 28080

- 5, Supplying Reflex valve heavy pattern test pressure 21 Kg/sq cum or 300 lbs/inch (PHSINO. 1 P/9).

6" dia

3.00 Nos @ Rs: 4062.50 Each Rs: 12188

- 6, Supplying C.I Bend with flanged end with holes i/c trimming etc complete (MSINO.2 P/10).

6" dia

76.40 Kg @ Rs: 120 P: Kg Rs: 9168

- 7, C.I Tee flanged end with holes i/c turning and facing of flanged for all size (SMINO.12 P/11)

6"x6"x6" dia

24.80 Kg @ Rs: 120 P: Kg Rs: 2976

- 8, Supplying C.I Foot Valve heavy pattern with cone type gate (MSINO.4 P/10) (Imported) (SMINO.4 P/11).

6" dia

3.00 Nos @ Rs: 1381.25 Each Rs: 4144

- 9, C.I Tappered flat bottoms or central tappered flanged ends with holes i/c trimming and facing of flanged for all size (SMINO. P/)

6"x5" dia

44.40 Nos @ Rs: 120.00 Each Rs: 5328

- 10, C.I Short Piece (PHMINO.9 P/15).

6" dia

1.00 No @ Rs: 618.75 Each Rs: 619

- 11, Jointing C.I/MS Flanges pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts and bolts with washers etc complete (PHSINO.1 P/35).

6" dia

14.00 Joints @ Rs: 938.00 P: Joint Rs: 13132

Total Rs 1947646

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Group: "G" Repair of Storage Tank

Full Hire Charges of the Pumping Set per day i/c of wages of driver and Assistant Fuel or electric energy plate frame required for placing pump etc at lower depth with sanction and deliveyr pipe for pumping machinery at water found at various depth from frenches i/c the cost of errection and dismetalling after completion of the jobs

150.00 days	@ Rs: 1500.00	P: day		Rs: 225000
2, Extra for soil (GSI No:13 P No:8)				
867500.00 Cft	@ Rs: 1058.75	P:%0 Cft		Rs: 918466
4, Extra for 50ft addiition lead part there of . (G.S.I.NO 8 P-16)				
867500.00 Cft	@ Rs: 907.02	P:%0 Cft		Rs: 786840
1, Excavation in foundation of building bridges and others structure i/c Dag Belling Dressing refilling around the structure with excavated earth watering ramming lift upto 5 Ft and lead upto one chain (ordinary Soil) (G.S.I No: 18/B P/5).				
1200.00 Cft	@ Rs: 3176.25	P:%0 Cft		Rs 3812
5, Cement Concrete brick or stone ballast 1/2" to 2" guage (Ratio 1:4:8) (GSINo.4 (b) P/14).				
600.00 Cft	@ Rs: 9416.28	P:% Cft		Rs 56498
6, Coursed Rubble Masonary i/c hammer dressing in Cement Sand Mortor (1:6) in foundation and plinth (GSINo.2d P/26).				
4410.00 Sft	@ Rs: 25321.00	P:% Cft		Rs: 1116656
7, Cement Concrete Plain i/c placing compacting finishing the curing complete i/c screening and washing stone aggregate without shuttering (Ratio 1:2:4) (GSINo.5 (f) P/15)				
75.00 Cft	@ Rs: 14429.25	P:% Cft		Rs: 10822
8, Errection and Removal of Centering for RCC work Cement Concrete plain for partal wood (GSINo.18 P/21).				
100.00 Sft	@ Rs: 3127.41	P:% Sft		Rs: 3127
9, Cement Plaster (1:6) upto 20'ft height 3/4" thick in Cement Sand Mortor (GSINo.13/b P/52)				
1/2" Thick				
32.00 Sft	@ Rs: 2206.60	P:% Sft		Rs 70611
3/8" Thick				
3200.00 Sft	@ Rs: 2197.52	P:% Sft		Rs 70321
Total				Rs 3262155

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No	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Group:H Distribution System / Rising Main

Excavation for pipe line in trenches and pits in Soft Soil of murum i/c trimming and dressing sides to true alignment and shape levelling of beds joints holes and disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards light flangs and temporary crossing for non-vehicular traffic wherever required lift upto 5'ft and lead upto one chain (PHSINO.3 P/61).

21375 Cft @ Rs:3600.0 /- P%0 Cft Rs: 76950

- 3, Providing laying & Fixing i/c fitting jointing & testing etc coplete in all respect the height Density Polythenic P.E Pipe (H.D.P.E -100) For w/s Confirming i.s.o 44277) (PHSI No. F P/25)

16" dia Pipe 450 mm

1000 Rft @ Rs:3299.0 /- P: Rft Rs: 3299000

6" dia Pipe

1000 Rft @ Rs:440.0 /- P: Rft Rs: 440000

- 3, High density Polythene fitting P.E Pipe Spesisals.

Bend 90*

16" dia 450 mm

6 Nos @ Rs:27359.0 /- Each Rs: 164154

6" dia

4 Nos @ Rs:3480.0 /- Each Rs: 13920

Tee Equal

16" dia

4 Nos @ Rs:32831.0 /- Each Rs: 131324

6" dia

2 Nos @ Rs:4175.0 /- Each Rs: 8350

- 5, Supplying C.I Sluice valve heavy pattern test pressure 21 lbs/sq cum or 300 lbs/inch etc complete.

16" dia

2 Nos @ Rs: 107250 /- P: Nos Rs: 214500

6" dia

2 Joints @ Rs:9360.0 /- P: Joint Rs: 18720

- 6, Providing chamber -2 -1/3" x 1 1/2" (7 11x 457mm) inside dismension 4 (137mm) deep as per approved design for S.V 3" to 12" dia with 18" (457mm) dia inside C.I Cover and frame (wt = 1 sq) fixed in R.C.C 1:2:4 alab 4" (102mm) thick brick machinery walls set in 1:6 cement C.C 1:3:6 in foundation (25mm) thick cement 1:2:4 flooring 1/2"dia (125mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing & fixing M.S foot rest every one foot beyond 2 1/2" ft depth curring excavation back filling and disposal of surplus etc complete. (P.H.S.I.No: 1 P/ 40)

4 Joints @ Rs:18820.0 /- P: Joint Rs: 75280

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Jointing C./M.S flanged pipe and specials flanged and inside a trenches i/c supplying rubber packing of the required thickness nuts and bolts with washer etc complete (P.H.S.I.No. M (I) P/40)

16" Dia

4 Joints @ Rs:3370.0 /- P: Joint Rs 13480

6" Dia

4 Joints @ Rs:938.0 /- P: Joint Rs 3752

10, Refilling the excavated stuff in trenches in 6"thick layers i/c watering and ramming to full compaction etc complete. (P.H.S.I.No: 24 : P : 53).

19238 Cft @ Rs:2760.0 /- P:%0 Cft Rs 53097

11, Butt fusion joint GSI No: Pno:)

16" Dia

14 Joints @ Rs:2800.0 /- P: Joint Rs 39200

6" Dia

8 Joints @ Rs:1000.0 /- P: Joint Rs 8000

Total Rs 4559727

Group "I" Repair of Compound Wall

1, Excavation in foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated eath watering and ramming lift upto 5ft and load upto one chain (in ordinary soil)

4045 Cft @ Rs:3176.25 P% Cft Rs 12848

2, Cement Concrete Brick or Stone Ballast 1/2" to 2"guage Ratio (1:4:8) (GSINO.4 P/60).

809 Cft @ Rs:9416.28 P% Cft Rs 76178

3, Coursed Rubble masonry l/c hammer dressing in cement sand mortor(1:6) (G.S.I No. 2 P/27)

4200 Cft @ Rs:25321 P% Cft Rs 1063482

4, D.P.C with cement sand shingle concrete ratio (1:2:4) including 2 Coats of asphaltic mixture (G.S.I No. 28 P/19) 2" Thick

1200 Cft @ Rs:4982 P% Cft Rs 59784

5, Providing and Laying (1:3:6) Cement Concrete Block Masonary Suction (1:6) Cement Sand Mortor in Plinth and foundation i/c rocking out joints and curing complete (GSINO.22 P/19)

1600 Cft @ Rs:14268.53 P% Cft Rs 228296

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
Cement plaster ½" thick upto 12'ft height in cement sand mortar (1:4)(G.S.I No. 11/b P/52)	6400 Cft	@ Rs:2283.93	P% Cft	Rs 146172
7, Pointing flush on stone work (raised) i/c cement sand mortar (1:3) (G.S.I No: 20 P/53)	3200 Cft	@ Rs:2283.93	P% Cft	Rs 73086
8 R.C.C work i.e. 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.e. all kinds forms modules lifting shutting curing remarking and finishing the exposed surface i.e. screening and washing of shingle (a) R.C. work in roof slab beams columns rafts lintel and other structural member laid in Situ or pre-cast laid in position in the respect ratio 1:2:4 etc complete (G.S.I No. 6/a P/18)	66.50 Cft	@ Rs:337.00 /-	P: Cft	Rs 22411
9 Fabrication of mild steel reinforcement for cement concrete i.e. cutting bending laying in position making joints & fastening i.e. cost of binding wire also i.e. removal of rust from bars (G.S.I No. 7 ii(a) P/19). (Using Bors)	2.67 Cwt	@ Rs:5001.70 /-	P: Cwt	Rs 13355
10 Making and fixing steel door with 1/16" thick sheeting i/e. angle iron frame 2" x 2" x 3/8" and ¾" square bars 4" center to center with looking arrangement (G.S.I No. 24 P/97)	72.00 Sft	@ Rs:726.72 /-	P: Sft	Rs 52324
11 <u>Painting New Surface</u> Preparing surface and painting doors and windows and any type (i/c edges) (G.S.I No. 5/C P/76) <u>3 Coats</u>	144.00 Sft	@ Rs:2116.41 /-	P:% Sft	Rs 3048
12, Primary Coat of Chalk for Distemper (GSINO.26 P/54).	6400.00 Sft	@ Rs:442.75 /-	P:% Sft	Rs 28336 /-
13, Distemper (GSI NO: 27 Pno:54) (2 Coats).	6400.00 Sft	@ Rs:1043.90 /-	P:% Sft	Rs 66810 /-
			Total	Rs 1846130
<u>Group "J" Street Light Pole</u>				
1, Providing & Laying (Main or Sub Main) (GSINO.3 P/4).	200 Rft	@ Rs:52.11	P: Rft	Rs 10422

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Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Providing & Fixing of M.S Labular Pole as following (ESINo.132 P/16).

1 No @ Rs: 36697 Each Rs: 36697

3. Construction of R.C.C Foundation (ESINo.139 P/19).

1 No @ Rs: 15168 Each Rs: 15168

4. Manufacturing providing & fixing G.I Single Arm double. (ESINo.21 P/21).

1 No @ Rs: 1546 Each Rs: 1546

5. Providing & Fixing of Street Light 125 Watts (ESINo.159 P/25).

1 No @ Rs: 6365 Each Rs: 6365

Total Rs: 70198

10 Nos @ Rs: 70198 Each Rs: 701980

Group "K" C.C.Path

1, Barrow pit excavation undressed lead upto 100'ft ordinary soil (GSINo.3 P/1).

12600 Cft @ Rs: 2117.50 P:%0 Cft Rs: 26681

2, Earth work compaction (Soft Ordinary or Hard Soil) (b) Laying earth in 6" layers leveling dressing and watering for compaction etc complete (GSINo.13 (b) P/13).

12600 Cft @ Rs: 354.00 /- P%0 Cft Rs: 4460

3, Dressing and levelling of earth work to designed section etc complete (GSINO.11 (b) P/3).

12600 Cft @ Rs: 187.00 /- P%0 Cft Rs: 2356

4, Carriage of 100 Cft/5 tons of all material like stone aggregate spawl coal lime surkhi etc BG rails fastenings points and crossing bridge girders pipes sheets rails ms bars etc or 1000 Nos bricks 10"x5"x3" or 1000 Nos tiles 12"x6"x2" or 150 Cft of timber or 100 mounds of fuel wood by trucks or any other means owned by the contractor (Cartage of MSINo.1 P/1).

12600 Cft @ Rs: 502.52 /- P% Cft Rs: 63318

5, Errection and removal of centering for RCC Plain C.C.works deodar wood (2nd Class) Vertical (GSINo.18 P/20).

225 Sft @ Rs: 3127.41 /- P% Sft Rs: 7037

Signature



Signature

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Cement Concrete Brick or Stone Ballast 1/2" to 2" guage Ratio (1:4:8) (GSINo.4 P/60).

1980 Cft @ Rs:9416.28 P:% Cft Rs: 186442

7. 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) (GSINo.5(f) P/17).

1500 Cft @ Rs:14429.25 P:% Cft Rs: 216439

Total ~~Rs: 506733~~

Group: "L" Hypochlorinator

1 Pulatron (USA) series "A" plus model LBS3S-VTCJ-XX hypochlorinator (Electric metering pump, flow rate 33 GPD Max pressure 150 PSI/10-Bar, solenoid protection by Thermal overload with auto reset, Manual control dosage Adjustable 0-100% highly reliable, water resistant, made for indoor and outdoor instaion guided ball check valve circuit protection against voltage and circuit upset material non corrosive made to inject sodium hypochlorite solution in water supply delivery line with following standard accessories with each unit a per attached highlighted but emp 025BS

- Clear fixable solution tubing
- Stiff white discharge tubing
- Foot valve strainer assembly
- Back pressure injection valve
- Bleed valve assembly
- Standard weight
- Installaing and operation maintenance manual (R.A.Aattached)

1.00 No @ Rs:75000 Each

Total ~~Rs: 75000~~
Rs: 75000

GROUP: "M" SIGN BORD

1, Providing & Fixing @ Site sign board of Size 5'x3' i/c C.C foundation lettering etc complete (L.S)

1.00 Job @ Rs:15000.00 P: Job

Total ~~Rs: 15000~~
Rs: 15000

GROUP: "N" ALUM CHAMBER

1, Excavation in foundation building bridges and other structure i/c dag belling dressing refilling earth structure with excavated earth watering and ramming lead upto 5'ft (GSINo.18 P/4).

384.00 Cft @ Rs:3176.25 P%0 Cft Rs. 1220 /-

2, Cement Concrete brick or stone ballast 1 1/2" to 2" guage Ratio (1:4:8) (GSINo.4 P/17).

Ratio 1:4:8
48.00 Cft @ Rs:11288.75 P% Cft Rs. 5419 /-

Signature



Signature

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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Cement Concrete Plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (GSINo.5 P/16).

Ratio 1:2:4)

12.00 Cft @ Rs: 14429.25 P% Cft Rs 1732 /-

4, Pucca brick work in foundation and plinth in Ratio (1:6) (GSINo.4 P/38).

120.75 Cft @ Rs: 11948.36 P% Cft Rs 14428 /-

5, Cement Plaster (1:6) upto 20'ft height 1/2"thick (GSINo.13 P/57) Inside

220.00 Sft @ Rs: 2206.60 P% Sft Rs 4855 /-

6, Cement Plaster (1:4) upto 20'ft height 3/8"thick (GSINo.11 P/57)

220.00 Sft @ Rs: 2197.52 P% Sft Rs 4878 /-

7, Providing & Laying tiles glazed 6"x6" 1/4" on floor or wall frame in required colour and pattern of stile specification (CSINo.60 P/47).

94.00 Sft @ Rs: 30509.77 P% Sft Rs 21356 /-

Total Rs 53932 /-

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Handwritten signature

Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
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ABSTRACT

Sr.No	Components	Schedule Item	Non-Schedule Imte	Total
1	Filter Bed	1862510	-	1862510
2	Pump House (Size 20'x15')	757714	-	757714
3	Pump House (Size 10'x12')	445930	-	445930
4	RCC Collecting ^{Clear Water} Tank	1748192	-	1748192
5	Pumping Machinery 75 BHP	188172	3202020	3390192
6	Pumping Machinery 20 BHP	189256	1758390	1947646
7	Repair of Storage Tank	3262155	-	3262155
8	Distribution System / Rising Main	4559727	-	4559727
9	Repair of Compound Wall	1846130	-	1846130
10	Street Lights Pole	701980	-	701980
11	C.C.Path	506733	-	506733
12	Hypochlorinator	-	75000	75000
13	Sign Board	-	15000	15000
14	Alum Chamber	53932	-	53932
TOTAL		16122431	5050410	21172841

open by me on 23-07-2018.

Total amount of Composite Schedule Items

Rs: 16122431

18.25% ^{18.25} % Above / Below on the rates of CSR amount to be added / deducted on the basis of premium

Rs: 2942344

@ 18.25 above (Eighteen point twenty five percent - above)

Total Amount of Non-Schedule Items

Rs: 5050410

Add: Difference Cost of SR Cement

Rs:

Total Tender Cost

Rs: 24115185

In Words

Two Crore forty one lac fifteen thousand One Hundred Eighty five Rupees Only

S. S. S.
 CONTRACTOR
 Government Contractor
 DIST. SUJAWAL

[Signature]
 EXECUTIVE ENGINEER
 PUBLIC HEALTH ENGINEERING
 DIVISION SUJAWAL