

BID EVALUATION REPORT

- 1 Name of Procuring Agency: Water & Sanitation Agency HDA Hyderabad.
- 2 Tender Reference No: No:DB/WASA/HDA/1818/2015, Dated:- 22-05-2015.
- 3 Tender Description/Name of Work/item: Rehabilitation of Existing Water Supply, Sewerage, Drainage and Water Filtration System including Pumping Stations and infrastructure in Latifabad, Qasimabad and Hyderabad City areas.
- 4 Method of Procurement: Single Stage Single Envelope.
- 5 Tender Published: Techno Time 29-5-15/ Ibrat 30-5-15/ Basharat 30-5-15
Nawa-e-waqt 31-5-15/ the express tribune 30-5-15/ Agtay Qadam 30-5-15
Print & Electronic Media (SPPRA S.No: 24442/2015, 29-05-2015 upload)
- 6 Total Bid documents Sold: 7 Nos
- 7 Total Bids Received: 1 No
- 8 Technical Bid Opening date: (if applicable) Not Applicable
- 9 No. of Bid technically qualified (if applicable) Not Applicable
- 10 Bid(s) Rejected: Nil
- 11 Financial Bid Opening date: 30-06-2015
- 12 **Bid Evaluation Report:**

S#	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of Cost	Comparison with Estimat Cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1	M/S Muhammad Iqbal Shaikh & Co:	349799778.0	1 st Lowest	0.05% Below the Estimate Cost	Lowest	Recommended for award of work

Recommendations of Procurement Committee: The Lowest bid of M/S Muhammad Iqbal Shaikh & Co: amounting to Rs: 349799778.0 (0.05% Below the estimated Cost) for the subjected work may be approved.



Arshad Saeed
Executive Engineer,
HMC Member
Procurement Committee.


Rehmat ullah Jamali
Director Finance,
WASA HDA Member
Procurement Committee.


Masood Ahmed Jumani
Project Director,
HDP Member
Procurement Committee.


Saleemuddin
Executiv Engineer,
WSTD Member Secretary
Procurement Committee.


Masroor Arbab
Executive Engineer,
PHE Member
Procurement Committee.


Attahullah
ADC-I Hyderbabad
Member
Procurement Committee.


Tahir Ahmed
Managing Director, WASA
Convener Procurement Committee

Approved


Director General
Hyderabad Development Authority

COMPARATIVE STATEMENT.

Head of Account: Govt: funds released under balout package for WASA HDA.

Name of Work: Rehabilitation of Existing Water Supply, Sewerage, Drainage and Water Filtration System including Pumping Stations and infrastructure in Latifabad, Qasimabad and Hyderabad City areas.

ESTIMATE SANCTION BY THE
DIRECTOR GENERAL HDA VIDE NO:
HDA/C.E/Misc/WASA/ 1946 /2015
Dated:- 10-06-2015

<u>ESTIMATE PROVISION</u>
Rs; 349999836.80

<u>SCHEDULE "B" PROVISION</u>
QUOTED RATE

S#	NAME OF AGENCY	Quoted Amount	% over/below estimate
1	M/s Muhammad Iqbal Shaikh & Co:	349799778.0	0.05% Below



MANAGING DIRECTOR
Water & Sanitation Agency
HDA - Hyderabad



Director General
Hyderabad Development Authority



OFFICE OF THE MANAGING DIRECTOR, WASA,
H.D.A CIVIC CENTER THANDI SARAQ HYDERABAD.

Phone: 022-9200106

No. DB/WASA/HDA/ 2365 /2015
Hyderabad Dated: 07/07/2015

**MINUTES OF THE MEETING HELD ON 30-06-2015 AT 11.00 A.M
REGARDING OPENING OF BIDS FOR THE WORK OF
REHABILITATION OF EXISTING WATER
SUPPLY,SEWERAGE,DRAINAGE AND WATER FILTRATION AND
INFRASTRUCTURE IN LATIFABAD,QASIMABAD AND HYDERABAD
CITY AREAS.(AMOUNTING TO RS.350.00 MILLION)**

Following attended the meeting.

- | | |
|-----------------------------|---|
| 1) Mr.Tahir Ahmed. | MD, WASA/Convener
Procurement Committee. |
| 2) Mr. Masood Ahmed Jumani, | PD, HDP / Member. |
| 3) Mr.Attahullah. | ADC-I / Member. |
| 4) Mr.Rehmat ullah Jamali. | DFC, WASA / Member. |
| 5) Mr. Saleemuddin. | XEN W/S (T) Divn:
Member/Secretary. |
| 6) Mr.Arshad Saeed. | XEN, HMC. Member. |
| 7) Mr. Masroor Arbab. | XEN, PHED / Member. |

The Managing Director, WASA, in the capacity of the convener of the procurement committee welcomed the participants and informed them that the seven number contractors have obtained the bidding documents for the subjected work. The obtained tenders are required to be returned back in the office of the undersigned today i.e. on 30th June, 2015 till 11.00 A.M in order to participate in the bidding process and he further informed that the received bids will be opened after one hour i.e. 12.00 noon today in accordance with SPPRA rule 24 on page-44 of SPPRA rule-2010.

Till closing time of 11.00 a.m on 30-06-2015 only one bid from the contractor was received while two bids from the contractors submitted at 11.20 a.m and 11.30 a.m respectively were not allowed to be entertained by the procurement committee on account of the objection raised by the contractor who had submitted his bid before closing time of

SPPRA INVIT TO BID
NO: 595
DATED: 03-07-2015

11.00 a.m Thus one bid from the contractor was received within due time which was entertained while remaining two bids from the contractors who came late were not entertained though they argued, misbehaved and forced the committee members to entertain their bids but it was unanimously decided by the procurement committee to entertain only one contractor who has submitted his bid within time by strictly abiding the SPPRA rules 2010. The bid of the single contractor was opened in the presence of the committee and it was decided to process the same for finalizing it in the light of the amount of the technical sanction under the SPPRA rules 2010.

The meeting ended with the vote of thanks to and from the Convener of the procurement committee.

(TAHIR AHMED)
MANAGING DIRECTOR,
WASA, HDA, HYDERABAD.

Copy f.w.cs to:

01. The Secretary, Local Govt: Department, Govt: of Sindh Karachi.
02. The Director General, NAB, Sindh, Karachi.
03. The Managing Director, SPPRA, Karachi.
04. The Project Director, HDP, Hyderabad (Member Procurement Committee).
05. The Additional Deputy Commissioner-I, Hyderabad (Member Procurement Committee).
06. The Director, Finance & Commercial, WASA, HDA, Hyderabad (Member Procurement Committee).
07. The Executive Engineer, PHED, Hyderabad, (Member Procurement Committee).
08. The Executive Engineer, Water Supply Treatment Division, WASA, HDA, Hyderabad, (Member Secretary Procurement Committee).
09. The Executive Engineer, HMC, Hyderabad, (Member Procurement Committee).
10. The All Executive Engineer,
WASA HDA Hyderabad.
11. The P.S. to the Commissioner Hyderabad.
12. The P.S. to the Director General, Hyderabad.
13. Notice Board.
14. PA to MD, WASA, HDA, Hyd:

(TAHIR AHMED)
MANAGING DIRECTOR,
WASA, HDA, HYDERABAD.

[Handwritten signature and date]
5/11/2015
11:25 PM

APPENDIX-D

TO

BID

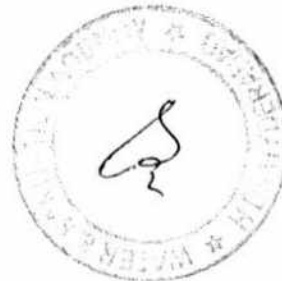
BILL OF QUANTITIES

(BOQ)

BILL OF QUANTITIES

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract (in case of item not mentioned in Bill of Quantities).
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the contract include all costs of contractor's plant, labour, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the contract. Furthermore all duties, taxes and other levies payable by the contractor under the contract, or for any other cause, as on the date 14 days prior to deadline for submission of Bids in case of ICB/NCB respectively, shall be included in the rates and prices and the total bid price submitted by the bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities and shall not be paid separately.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the works.
6. General directions and description of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. References to the relevant sections of the bidding documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with sub-clause 13.5 of Part I, General Conditions of Contract.





**OFFICE OF THE MANAGING DIRECTOR, WASA,
H.D.A CIVIC CENTER THANDI SARAK HYDERABAD.**

Phone: 022-9200106

No. DB/WASA/HDA/ 2345 /2015
Hyderabad Dated: 03/07/2015

To,

Mr. Muhammad Iqbal Shaikh & Co,
Government Contractor.
Hyderabad.

**Subject: - NEGOTIATION ON YOUR BIDDING COST FOR THE WORK OF
REHABILITATION OF EXISTING WATER SUPPLY, SEWERAGE,
DRAINAGE AND WATER FILTRATION AND INFRASTRUCTURE
IN LATIFABAD, QASIMABAD/ANDHYDERABADCITY AREAS.**

After scrutiny of your tender, the Bid cost after correction works out to be Rs.361,924,240/- which is @ higher side as compared to technically sanctioned estimated cost.

You are hereby offered to negotiate and rebate the Bidding cost as per estimated cost with allowable ceiling as per rules.

(TAHIR AHMED)
MANAGING DIRECTOR /CONVENER
o/c WASA, HDA, HYDERABAD.

Copy f.w.cs to:

1. The Project Director, HDP, Hyderabad (Member Procurement Committee).
2. The Additional Deputy Commissioner-I, Hyderabad (Member Procurement Committee).
3. The Director, Finance & Commercial, WASA, HDA, Hyderabad (Member Procurement Committee).
4. The Executive Engineer, PHED, Hyderabad, (Member Procurement Committee).
5. The Executive Engineer, Water Supply Treatment Division, WASA, HDA, Hyderabad, (Member Secretary Procurement Committee).
6. The Executive Engineer, HMC, Hyderabad, (Member Procurement Committee).
7. PA to MD, WASA, HDA, Hyd:

(TAHIR AHMED)
o/c MANAGING DIRECTOR /CONVENER
WASA, HDA, HYDERABAD.

*Received
Mr. M. Iqbal Shaikh & Co.
03/07/2015*



Muhammad Iqbal Shaikh & Co.
Government Contractor

محمد اقبال شيخ اينٹ كو
Muhammad Iqbal Shaikh & Co.
Government Contractor

Ref: _____

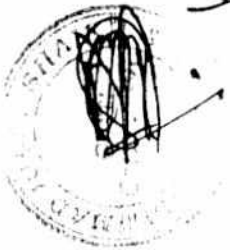
Date: _____

To,
The Managing Director.
WASA. HDA. Hyderabad.

Sub: Rebate of Bid. Price.

Ref: DB/WASA/HDA/2345 87: 03-07-2015

With you above referred letter I am
agree to rebate my Bid price @
(-)3.35% less on amount of Rs = 361924240/-
now the cost comes Rs = 349799778/-
(Rupees Three hundred forty Nine Million Seven
hundred ninety nine thousand Seven hundred
Seventy Eight only.



Sincerely
Muhammad Iqbal Shaikh & Co.

SUMMARY OF BID PRICES

S.No:	Details of Works.	Amount (Rs:)	
		(Rs:)	
MECHANICAL WORK.			
1	Repair of Various Sew: Pumping Stations in Qasimabad, WASA, HDA Hyderabad. (23 Pumping Stations)	24910600.0	24.911
2	Repair of Various Sewe: Pumping Stations in City, WASA, HDA Hyderabad. (04 Pumping Stations)	18234000.0	18.234
3	Repair of of Various Pumping Stations in Latifabad, WASA, HDA Hyderabad. (18 Pumping Stations)	35427350.0	35.427
4	Repair/Maintenance of Pumping Machinery, Rehabilitation of lightning System & Other Electricl Works in City W/S (M) Division, WASA, HDA Hyderabad. (03 Pumping Stations)	1800400.0	1.800
5	Repair of Various W/S Pumping Stations in Latifabad, Hyderabad.	25450200.0	25.450
6	Providing/Installing/Commissioning 100 BHP Vertical Turbine 1MGD & Thandi Sarak P/Station, WASA, HDA Hyderabad. (02 Sets)	9711000.0	9.711
7	Repair of 95 KW Vertical Turbine Set No: 01 @ Head Reach P/Station, WASA, HDA Hyderabad. (01 Set)	1355000.0	1.36
8	Repair of 520 KW Vertical Turbine Set No: 01 @ Head Reach P/Station, WASA, HDA Hyderabad. (01 Set)	1726900.0	1.727
9	Repair of 65 KW (dsv-v) vertical turbine set No: 01,02 & 03 @ Canal intake P/Station, WASA, HDA Hyderabad. (03 Sets)	2827800.0	2.828
10	Rewinding of 1250 KVA Transformer @ Thandi Sarak P/Station, WASA, HDA Hyderabad. (02 Nos:)	4800000.0	4.800
11	Repairing of 190 Kw clear water Turbine @ Thandi Sarak P/Station, WASA, HDA Hyderabad. (05 Nos:)	3479000.0	3.479
12	Repair of 80 KW, 75 KW & 37 KW (DSV-V) Vertical Turbine Lagoon P/Station, WASA, HDA Hyderabad. (03 Sets)	2648400.0	2.6484
13	Repair of 75 KW Air Blower @ NTP, WASA, HDA Hyderabad. (02 Sets)	2250000.0	2.250
14	Repair of Filter Beds & replacement of Filter media @ NTP, WASA, HDA Hyderabad. (09 Beds)	22107122.0	22.107
15	Repair of 55 KW Sludge Pumps @ NTP, WASA, HDA, Hyderabad. (03 Sets)	2528000.0	2.528
16	Repair of 10 MGD Clarifiers @ NTP, WASA, HDA Hyderabad. (03 Nos:)	7500000.0	7.500
17	Repair of Vaccume type chlorinators @ NTP, WASA, HDA Hyderabad. (04 Nos:)	2085000.0	2.085
18	Repair of 60 KW Wash Water Pumps @ NTP, WASA, HDA Hyderabad. (02 Sets)	730000.0	0.73
19	P/L/J/Testing 12" dia RCC ASTM Sewer Lines in Different area Qasimabad, WASA, HDA, Hyderabad.	6965965.0	6.966
20	Desilting in Qasimabad Sewerage (M) Division, WASA, HDA, Hyderabad. 18" dia	7940000.0	7.940
21	Civil work at city Sewerage (M) Division, WASA, HDA, Hyderabad. 15" dia	30790987.0	30.791

(Signature)

(Signature)

22	Civil work at Latifabad Sewerage (M) Division, WASA, HDA, Hyderabad. 12" dia	34543574.0	34.544
23	P/L/J Testing 8" dia P.E/MS Pipe Line at different Location of East Wahdu Wah W/S (M) S/Division, Qasimabad, WASA, HDA, Hyderabad.	2235155.0	2.235
24	P/L/J Testing 6" & 4" dia P.E/MS Pipe Line at different Location of East Wahdu Wah W/S (M) S/Division, Qasimabad, WASA, HDA, Hyderabad.	1759180.0	1.759
25	P/L/J Testing 16" dia MS Pipe Rising main from 1MGD to Ujala Garden & installation of Vertical, 400 KVA Transformer at Unit No: 4 Latifabad Hyderabad.	16404010.0	16.404
26	Interconnection, manifold, RCC Foundation & MS Pipe for delivery, Duction at 1MGD, Thokar Pumping Station at Unit No: 4 Latifabad Hyderabad.	1874660.0	1.875
27	P/L/J Testing 6" & 4" dia PVC/MS Water Supply Pipe Lines at different areas in Latifabad Hyderabad. 4" dia	13311460.0	13.311
28	P/L/J & Testing 24" dia M.S Rising main for Fort Hill.	4799768.0	4.800
29	P/L/J/Testing 4" dia P.E/M.S Pipe Lines at different Location of Hirabad W/S (M) Sub-Division, City, WASA, HDA, Hyderabad.	2251400.0	2.251
30	P/L/J/Testing 6" & 4" dia P.E/M.S Pipe Lines at different Location of Gari Khata W/S (M) Sub-Division, City, WASA, HDA, Hyderabad.	2733050.0	2.733
31	P/L/J/Testing 12", 8", 6" & 4" dia P.E/M.S Pipe Lines at different Location of Preetabad W/S (M) Sub-Division, City, WASA, HDA, Hyderabad.	9949810.0	9.950
32	Replacement of 16" dia twin MS Pipe Line at HSR No: 02 Qila Pumping Station & 9" dia CI pipe with 10" dia MS at Fort wall of Gari Khata W/S (M) Sub-Division, City, WASA, HDA, Hyderabad.	1931200.0	1.931
33	P/L/J/Testing & Replacement of 24" & 8" dia MS lines at Hirabad W/S (M) Sub-Division, City, WASA, HDA, Hyderabad.	1130852.0	1.1309
34	Desilting of Existing Sewer in Taluka Latifabad, Qasimabad & City Hyderabad i/c Purchase of 10 nos: of Winch Machines.	21814058	21.814
35	Desilting of 10 MGD Clarifiers @ NTP, WASA, HDA Hyderabad.	2978704.0	2.979
36	P/L/J Testing 24" dia RCC ASTM Sewer Line i/c main holes at Mirza Para Hyderabad. 24" dia	9299173	9.299
37	Construction of RCC Nalla 2.5 Ft: wide (Both side) from Agriclture Complex to old State Bank Sewerage P/S Thandi Sarak	15840462.0	45.446
38	S/F/Testing of Chemicals feeding Pumps, WASA, HDA Hyderabad. (04 Sets)	3800000.0	3.800
TOTAL RS:		361924240.0	361.924

REBATE 3.35%

RS: 12124462.04

NET BID PRICE

RS: 349799778.0

349.800



**REHABILITATION OF EXISTING WATER SUPPLY, SEWERAGE, DRAINAGE AND
WATER FILTRATION SYSTEM INCLUDING PUMPING STATIONS AND
INFRASTRUCTURE IN LATIFABAD, QASIMABAD AND HYDERABAD CITY AREAS.**

PARTICIPANTS OF MEETING TENDER OPENING DATE:- 30-06-2015.

S.No:	NAME	DESIGNATION	CELL NO:	SIGNATURE	REMARKS
1	Tahir Ahmad	MD WASH	0300 937 9479		
2	Rehmatullah	BFZC	0300 365 9764		
3	M/S Muhammed Sybil Shaikh Saif	^{Mir-hew} Director Crest: cont:	0300-8372315		
4	Saleemuddin	XEN WSTD Member Secy:	0321-3081694		
5	Masroor Ali Ashraf	XEN(H.O) PHED	0333 2142873		
6	Attaullah Ade-	Hyd	0300-8220712		
7	Masood K. Juma.	SD, HOD	0301-8372579		
8	ARSHAD SAEED	XEN(HMC)	0333/2609057		
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TENDER OPENING SHEET

REHABILITATION OF EXISTING WATER SUPPLY, SEWERAGE, DRAINAGE AND WATER FILTRATION SYSTEM INCLUDING PUMPING STATIONS AND INFRASTRUCTURE IN LATIFABAD, QASIMABAD AND HYDERABAD CITY AREAS.

NIB NO: DB/WASA/HDA/1818/2015, DATED: 22-05-2015.

Date of opening 30-06-2015.


S#	NAME OF AGENCY	2% EARNEST MONEY	CDR NO:	BANK	DATE	QUOTED AMOUNT	REMARKS
1	M/s Muhammad Siddique & Brothers	-	-	-	-	-	Not a Member
2	M/s Meesam Construction Company.	-	-	-	-	-	do
3	M/s Muhammad Iqbal Shaikh & Co.	7,000,000.00	4320	Summit Bank	29-6-15	413105876/=	
4	M/s Crescent Constuction Company.	-	-	-	-	-	Not a Member
5	M/s Dadex Enternit Ltd.	-	-	-	-	-	do
6	M/s F.B Enterprises Govt: Contractor.	-	-	-	-	-	do
7	M/s United Construction Co:	-	-	-	-	-	do


Mr. Arshad Saeed
Member
Procurement Committee



Mr. Rehmat ullah Jamali.
Member
Procurement Committee


Mr. Masood Ahmed Jumani.
Member
Procurement Committee


Mr. Saleemuddin.
Member Secretary
Procurement Committee


Mr. Masroor Arbab.
Member
Procurement Committee


Mr. Attahullah
Member
Procurement Committee


Mr. Tahir Ahmed
Convener
Procurement Committee

REHABILITATION OF EXISTING WATER SUPPLY, SEWERAGE, DRAINAGE AND WATER FILTRATION
NAME OF WORK:- SYSTEM INCLUDING PUMPING STATIONS AND INFRASTRUCTURE IN LATIFABAD, QASIMABAD AND HYDERABAD CITY AREAS.

SUMMARY OF BID PRICES.

S#	DESCRIPTION.	AMOUNT
1	VARIOUS PUMPING STATIONS IN QASIMABAD HYDERABAD.	24770200/- 24910600/-
2	MECHANICAL WORKS FOR CITY SEWERAGE (M) DIVISION, WASA, HDA HYDERABAD.	17892000/- 18234000/-
3	MECHANICAL WORKS FOR LATIFABAD SEWERAGE (M) DIVISION, WASA, HDA HYDERABAD.	35147350/- 35427300/-
4	REPAIR/MAINTENANCE OF PUMPING MACHINERY, REHABILITATION OF LIGHTNING SYSTEM & OTHER ELECTRICAL WORK IN CITY W/S (M) DIVISION, WASA, HDA, HYDERABAD.	1800400/-
5	VARIOUS PUMPING STATIONS IN LATIFABAD, HYDERABAD.	25350200/- 25450000/-
6	PROVIDING/INSTALLING/COMMISSIONING 100 BHP VERTICAL TURBINE AT 1 M.G.D AND THANDI SARAQ PUPING STATION FOR INCREASE WATER SUPPLY TO QASIMABAD.	9711000/-
7	REPAIR OF 95 K.W VERTICAL TURBINE SET # 1 @ HEAD REACH PUMPING STATION, WASA, HDA, HYDERABAD.	1355000/-
8	REPAIR OF 520 K.W VERTICAL TURBINE SET # 1 @ HEAD REACH PUMPING STATION, WASA, HDA, HYDERABAD.	1726900/-
9	REPAIR OF 65 K.W (DSV-V) VERTICAL TURBINES SET # 01, 02 & 03 @ CANAL INTAKE PUPING STATION, WASA, HDA, HYDERABAD.	2827800/-
10	REWINDING OF 1250 KVA TRANSFORMERS AT THANDI SARAQ PUPING STATION WASA, HDA, HYDERABAD.	4800000/-
11	REPAIR OF 190 KW CLEAR WATER VERTICAL TURBINES AT THANDI SARAQ PUMPING STATION WASA, HDA, HYDERABAD.	3454000/- 3479000/-
12	REPAIR OF 80 KW, 75 KW & 37 (DSV-V) VERTICAL TURBINES OF LAGOON PUMPING STATION NTP, WASA, HDA, HYDERABAD.	3053400/- 2648400/-
13	REPAIR OF 75 KW AIR BLOWER @ NTP, WASA, HDA, HYDERABAD.	2250000/-
14	REPAIR OF FILTER BEDS AND REPLACEMENT OF FILTER MEDIA @ NTP WASA, HDA, HYDERABAD.	22107122/-
15	REPAIR OF 55 KW SLUDGE PUMPS @ NTP WASA, HDA, HYDERABAD.	2606000/- 2528000/-
16	REPAIR OF 10 MGD CLARIFIER @ NTP WASA, HDA, HYDERABAD.	7500000/-



17	REPAIR OF VACCUME TYPE CHLORINATORS @ NTP, WASA, HDA, HYDERABAD.	8085000/-
18	REPAIR OF 60 KW WATER PUMPS @ NTP, WASA, HDA, HYDERABAD.	730000/-
19	PROVIDING LAYING JOINTING & TESTING 12" DIA ASTM SEWER LINE IN DIFFERENT AREA AT QASIMABAD DIVISION.	6965965/-
20	DESILTING QASIMABAD SEWERAGE (M) DIVISION WASA, HDA, HYDERABAD.	7940000/-
21	CIVIL WORK AT CITY SEWERAGE (M) DIVISION, WASA, HDA, HYDERABAD.	30790987/- 30818037/- 307909
22	CIVIL WORK AT LATIFABAD SEWERAGE (M) DIVISION, WASA, HDA, HYDERABAD.	34543574/- 52248990/-
23	PROVIDING LAYING JOINTING & TESTING 8" DIA PVC/MS PIPE LINE AT DIFFERENT LOCATION OF EAST WADU WAH W/S (M) SUB-DIVISION QASIMABAD WASA, HDA, HYDERABAD.	2235155/-
24	PROVIDING LAYING JOINTING & TESTING 6" & 4" DIA PVC/M.S PIPE LINES AT DIFFERENT LOCATION OF EAST WAHU WAH W/S (M) SUB-DIVISION QASIMABAD WASA, HDA, HYDERABAD.	1759180/-
25	PROVIDING LAYING JOINTING & TESTING 16" DIA MS PIPE RISING MAIN FROM ONE MGD TO UJALA GARDEN & INSTALLATION OF VERTICAL TURBINE, 400 KVA TRANSFORMER AT UNIT NO: 4 LATIFABAD HYDERABAD.	16404010/-
26	INTERCONNACTION, MANIFOLD. RCC FOUNDATION & M.S PIPE FOR DEVLIVERY, SUCTION AT ONE TREE BUND, THOKAR, PUMPING STATION UNIT NO: 4 LATIFABAD HYDERABAD.	1874660/-
27	PROVIDING LAYING JOINTING & TESTING 6" & 4" DIA PVC/M.S WATER SUPPLY PIPE LINE AT DIFFERENT AREAS IN LATIFABAD HYDERABAD.	13311460/-
28	PROVIDING LAYING JOINTING & TESTING 24" DIA MS RISING MAIN FORT HILL.	4799768/-
29	PROVIDING LAYING JOINTING & TESTING 4" DIA PVC/MS PIPE LINES AT DIFFERENT LOCATION OF HIRABAD W/S (M) SUB-DIVISION CITY WASA HDA, HYDERABAD.	2251400/-
30	PROVIDING LAYING JOINTING & TESTING 6" & 4" DIA PVC/MS PIPE LINES AT DIFFERENT LOCATION OF GARI KHATA W/S (M) SUB-DIVISION CITY WASA HDA, HYDERABAD.	2733050/-
31	PROVIDING LAYING JOINTING & TESTING 12", 8", 6" & 4" DIA PVC/MS PIPE LINES AT DIFFERENT LOCATION OF PREETABAD W/S (M) SUB-DIVISION CITY WASA HDA, HYDERABAD.	9969810/-
32	REPLACEMENT OF 16" DIA TWIN MS PIPE LINE AT HSR NO: 2 QILA PUMPING STATION AND 9" C.I PIPE WITH 10" DIA MS AT FORT WALL GARI KHATA W/S (M) SUB-DIVISION CITY WASA, HDA, HYDERABAD.	2331200/- 1931200/-



33	PROVIDING LAYING JOINTING & TESTING 24" & 8" DIA MS PIPE LINES I/C REPAIR OF DIFFERENT DIA MS / C.I PIPE LINES AT HIRABAD W/S (M) SUB-DIVISION CITY WASA, HDA HYDERABAD.	1130852/-
34	DESILTING OF EXISTING SEWER IN TALUKA LATIFABAD, QASIMABAD AND CITY HYDERABAD INCLUDUNG PURCHASE OF 10 NOS: OF WINCH MACHINE.	21814058/ 21814058/=
35	Desilting of 10_mgd clarifiers (3 Nos:) @ N.T.P, WASA, HDA, HYDERABAD.	2978704/-
36	P/L/J Testing 24" dia RCC ASTM Sewer Line i/c Main Holes Mirza Para Hyderabad.	92991731/-
37	Construction of RCC Nalla 2.5" ft: Wide (Both Side) From Agriculture Complex to old State Bank Sewerage P/St: Thandi Sarak Hyderabad.	15840462/- 49334090/-
38	SUPPLYING & FIXING OF CHEMICAL FEEDING PUMPS @ N.T.P HYDERABAD.	3800000/-
TOTAL BID RS:		413105876/- 361924240/=

Total Bid Price in Words Four hundred thirteen Million One hundred
five thousand Eight hundred Seventy Six Only.



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SCHEDULE "B"

NAME OF WORK:-

VARIOUS PUMPING STATION IN QASIMABAD
HYDERABAD. (WORK - 1)

NAME OF M/S

S. No.	Name of Pumping Station	Dia	Quantity	Rate	Unit	Amount
<u>Zeeshan P/Station</u>						
1/1	i) S/F M.S Pipe with both Sides Flange etc.	8" Dia	06 Rft	3000/=	P.Rft	18000/=
	ii) S/F M.S Pipe with both Sides Flange etc.	8" Dia	04 Rft	3000/=	P.Rft	12000/=
	iii) S/F Starter for 25 BHP Electric Motor etc.	---	01 No.	25000/=	Each	25000/=
	iv) S/F Non Return Valve etc.	8" Dia	01 No.	9000/=	Each	9000/=
	v) 9" Th; Brick Masonry Work etc.	96 Sft	01 Job	15000/=	P.Job	15000/=
	vi) 3" Th:C.C Flooring Work etc.		130 SFT	4000/=	P.SFT	5200/=
	vii) S/F M.S Suction Pipe etc.	8" Dia	10 Rft	2200/=	P.Rft	22000/=
	viii) Electric Work for Lighting etc.	---	01 Job	5000/=	P.Job	5000/=
	ix) Suppling of Tool Kit / Box etc.		01 No.	20000/=	Set	20000/=
	x) Suppling of Mono Block 1"x1" etc.		01 No.	15000/=	Set	15000/=
	xi) Construction of RCC foundation for pumping equipment i/c Mfg/F MS shade as per site requirement etc.		01 Job	270000/=	P.Job	270000/=
				Total	416200/=	
<u>Citizen Colony P/St:</u>						
1/2	i) Construction of RCC Foundation for 40 BHP Pump etc.		01 Job	10000/=	P.Job	10000/=
	ii) S/F M.S Suction Pipe etc.	6" Dia	20 Rft	1600/=	P.Rft	32000/=
	iii) S/F M.S Bend etc.	6" Dia	02 Nos.	2500/=	Each	5000/=
	iv) S/F Sluice Valve etc.	6" Dia	01 No.	14000/=	Each	14000/=
	v) Service of Generator etc.		01 Job	10000/=	P.Job	10000/=
	vi) Suppling of Tool Kit / Box etc.		01 No.	20000/=	Set	20000/=
	vii) Suppling of Mono Block 1"x1" etc.		01 No.	15000/=	Set	15000/=
	viii) Supplying of 6" x 6" size non clogging pump with all accessories but excluding the motor. (local)		03 Nos.	250000/=	Each	750000/=
				Total	856000/=	

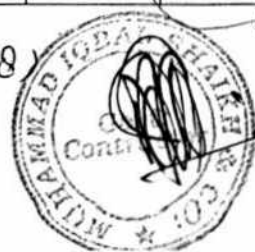


<u>Gulistan-e-Sajjad Pumping Station.</u>						
1/3	i) Construction of RCC Foundation for 40 BHP Pump etc.		01 Job	10000/=	P.Job	10000/=
	ii) Construction of RCC Foundation for 125 BHP Pump etc.		01 Job	10000/=	P.Job	10000/-
	iii) Brick Masonry Work for Compound Wall etc.		462 Rft	2000/=	P.Rft	924000/-
	iv) S/F M.S Manifold Pipe etc.	12" Dia	20 Rft	4000/=	P.Rft	80000/=
	v) S/F Non Return Valve etc.	8" Dia	02 Nos.	9000/=	Each	18000/=
	vi) 3" Th:C.C Flooring Work etc.		500 SFT	4000/=	P.%SFT	20000/=
	vii) Repair of 125 BHP Motor & Pump etc.	---	01 Job	100000/=	P.Job	100000/=
	viii) Repair of 50 BHP Motor & Pump etc.	---	01 Job	50000/=	P.Job	50000/=
	ix) Required Chain Block Set etc.	---	01 Set.	50000/=	P.Set	50000/=
	x) Suppling of Tool Kit / Box etc.		01 No.	20000/=	Set	20000/-
	xi) Suppling of Mono Block 1"x1" etc.		01 No.	15000/=	Set	15000/-
	xii) Construction of RCC foundation for pumping equipment i/c Mfg/F MS shade as per site requirement etc.		01 Job	270000/=	P.Job	270000/=
				Total	1567000/=	
<u>Deeplovee Colony Pumping Station</u>						
1/4	i) S/F M.S Pipe etc.	8" Dia	10 Rft	3000/=	P.Rft	30000/-
	ii) S/f Nonrun Valve etc.	8" Dia	01 Job	9000/=	P.Job	9000/-
	iii) S/F 35mm 3 Core Cable etc.	---	50 Rft	2000/=	P.Rft	100000/=
	iv) Repair of MCU 30 BHP etc.	---	01 Job	20000/=	P.Job	20000/-
	v) Replace Over Load Relay for 75 BHP etc.	---	01 Job	5000/=	P.Job	5000/-
	vi) Replace of Contactor 75 BHP etc.	---	01 Job	35000/=	P.Job	35000/-
	vii) Repair of 75 BHP Motor & Pump etc.	---	02 Job	100000/=	P.Job	100000/- 200000/=
	viii) Suppling of Tool Kit / Box etc.		01 No.	20000/=	Set	20000/-
	ix) Suppling of Mono Block 1"x1" etc.		01 No.	15000/=	Set	15000/-
	x) Repair of collective Tank i/c Mfg/MS screen jali as per site requirement etc Complete in all respect.		01 Job	600000/=	P.Job	600000/=
				Total	934000/- 1034000/=	
<u>Samanabad Pumping Station</u>						
1/5	i) Required 15 BHP Electirc Motor & Pump with All accessories etc.		1 Set	660000/=	P.Set	660000/=
	ii) S/F M.C.U for 15 BHP etc.		1 No.	50000/=	Each	50000/=

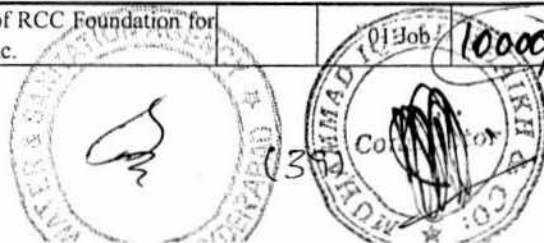
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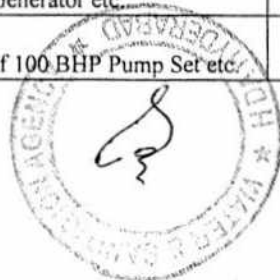
	iii) Mfg/FConstruction of Pump House as per Site requirement as instructed by Engineer Incharge.		01 Job	200000/-	P.Job	200000/-
					Total	910000/- ✓
Marvi Town P/Station						
1/6	i) Repair of PVC Rising Main etc.	8" Dia	01 Job	10000/-	P.Job	10000/-
	Repair of 50 KVA Generator etc.	---	01 Job	50000/-	P.Job	50000/-
					Total	60000/- ✓
Naseem Nagar P/Station						
1/7	i) Required 25 BHP Electirc Motor & Pump with All accessories etc.		01 Set	900000/-	P.Set	900000/-
	ii) S/F M.S Suction Pipe etc.	6" Dia	04 Rft	1660/-	P.Rft	6400/-
	iii) S/F M.C.U for 25 BHP etc.	---	01 No.	50000/-	Each	50000/-
	iv) S/F Sluice Valve etc.	6" Dia	01 No.	14000/-	P.Job	14000/-
	v) Required Generator etc.	50 KVA	01 No.	240000/-	Each	240000/-
					Total	3370400/- ✓
Marvi Garden Pumping Station						
1/8	i) S/F M.S Pipe etc.	5" Dia	10 Rft	1000/-	P.Rft	10000/-
	ii) S/F M.S Bend etc.	5" Dia	01 No.	1000/-	Each	1000/-
	iii) S/F Non Return Valve etc.	5" Dia	01 No.	5000/-	Each	5000/-
					Total	16000/- ✓
Karan Khan Shoro Goth P/Station						
1/9	i) S/F Starter for 15 BHP E/Motor etc.		01 No.	20000/-	Each	20000/-
	ii) S/F M.S Suction Pipe etc.	6" Dia	20 Rft	1600/-	P.Rft	32000/-
	iii) S/F Non Return Valve etc.	6" Dia	01 No.	5000/-	Each	5000/-
	iv) S/F Sluice Valve etc.	6" Dia	01 No.	14000/-	Each	14000/-
	v) S/F M.S Bend etc.	6" Dia	01 No.	2000/-	Each	2000/-
					Total	42600/- ✓ 3000/-
Bhittai Town P/Station						
1/10	i) Construction of RCC Foundation for 15 BHP Pump etc.		01 Job	10000/-	P.Job	10000/-
	ii) S/F M.S Suction / Delivery Pipe etc.	4" Dia	40 Rft	1000/-	P.Rft	40000/-
	iii) S/F MCU for 15 BHP etc.	---	01 No.	50000/-	Each	50000/-
	iv) S/F 12mm 3. Core Cable etc.	---	50 Rft	1500/-	P.Rft	75000/-
					Total	175000/- ✓
Pak Land Banglows P/Station						
	i) Construction of RCC Foundation for 15 BHP Pump etc.		01 Job	10000/-	P.Job	10000/-



1/11	ii) S/F M.S Pipe etc.	5" Dia	10 Rft	1000/-	P.Rft	10000/-
	iii) S/F Non Return Valve etc.	5" Dia	01 No.	5000/-	Each	5000/-
	iv) S/F M.S Bend etc.	5" Dia	02 Nos.	1000/-	Each	1000/- 2000/-
	v) S/F M.C.U for 15 BHP etc.		01 No.	50000/-	Each	50000/-
	vi) Mfg/F M.S Shade as per site requirement as instructed by Engineer Incharge.		01 Job	250000/-	P.Job	250000/-
					Total	326000/- 327000/-
Muhammadi Town P/Station						
1/12	i) S/F Conveys for Delivery Pipe etc.	4" Dia	100 Rft	150/-	P.Rft	15000/-
	ii) S/F M.C.U for 15 BHP etc.	---	01 No.	50000/-	Each	50000/-
	iii) S/F M.S Suction Pipe etc.	4" Dia	10 Rft	1000/-	P.Rft	1000/- 10000/-
				Total	66000/- 75000/-	
Prince Town Phase-I & Phase-II P/Station						
1/13	i) S/F Non Return Valve etc.	6" Dia	01 No.	5000/-	Each	5000/-
	ii) S/F M.C.U for 15 BHP E/Motor etc.	---	01 No.	50000/-	Each	50000/-
	iii) S/F Sluice Valve etc.	6" Dia	01 No.	14000/-	Each	14000/-
	iv) S/F/Testing 15 BHP 3 Phase Electric Motor complete with 5" x 4" non-clogging pump fixed on common base M.S Channel also i/c S.F MCU & Electric Wiring at site etc complete in all respect.		01 Set	800000/-	Each	800000/-
				Total	869000/- ✓	
Naseem Deluxe P/Station						
1/14	i) S/F Conveys for Delivery Pipe etc.	6" Dia	100 Rft	200/-	P.Rft	20000/-
	ii) S/F Conveys for Delivery Pipe etc.	6" Dia	100 Rft	200/-	P.Rft	20000/-
	iii) Construction of RCC Roof on Pump Room etc.	---	01 Job	50000/-	P.Job	50000/-
	iv) S/F MCU for 15 BHP Pump etc.	-	01 No.	50000/-	Each	50000/-
	iv) Construction of Sump i/c Construction of pump house as per site requirement as instructed by Engineer Incharge.		01 Job	500000/-	P.Job	500000/-
				Total	640000/- ✓	
Abdullah Corner P/Station						
1/15	i) S/F M.S Pipe etc.	6" Dia	30 Rft	1600/-	P.Rft	48000/-
	ii) S/F M.S Bend etc.	6" Dia	02 Nos.	2000/-	Each	4000/-
	iii) S/F Non Return Valve etc.	6" Dia	01 No.	5000/-	Each	5000/-
				Total	57000/- ✓	



<u>Panwar Goth Pumping Station</u>						
1/16	i) Repair of M.C.U 25 BHP etc.	---	01 Job	10000/-	P.Job	10000/-
	ii) Repair of 50 kva Generator etc.	---	01 Job	50000/-	P.Job	50000/-
	iii) Repair of M.C.U 30 BHP etc.	---	01 Job	15000/-	P.Job	15000/-
	iv) Required Transformer of 50 KVA etc.	---	01 No.	80000/-	Each	80000/-
	v) Repair of M.S Rising Main etc.	6" Dia	01 Job	15000/-	P.Job	15000/-
	vi) Electric Work for Lighting etc.	---	01 Job	8000/-	P.Job	8000/-
	vii) Suppling of Tool Kit / Box etc.	---	01 No.	20000/-	Set	20000/-
	vii) Suppling of Mono Block 1"x1" etc.	---	01 No.	15000/-	Set	15000/-
				Total		933000/-
<u>Old State Bank Pumping Station</u>						
1/17	i) Required 50 KVA Generator etc.	---	01 No.	290000/-	Each	290000/-
	ii) Required 50 KVA Transformer etc.	---	01 No.	80000/-	Each	80000/-
	iii) Electric Work for Lighting etc.	---	01 Job	10000/-	P.Job	10000/-
				Total		371000/-
<u>Al Shahbaz Colony Pumping Station</u>						
1/18	i) Required 37 KVA Generator etc.	---	01 No.	250000/-	Each	250000/-
	ii) Required 50 KVA Transformer etc.	---	01 No.	80000/-	Each	80000/-
	iii) Required 15 BHP Electirc Motor & Pump with All accessories etc.	---	01 Set	66000/-	P.Set	66000/-
	iv) Electric Work for Lighting etc.	---	01 Job	10000/-	P.Job	10000/-
	v) Repair of 15 BHP M.C.U etc.	---	01 Job	10000/-	P.Job	10000/-
				Total		398000/-
<u>Pathan Goth Pumping Station</u>						
1/19	i) Required 37 KVA Generator etc.	---	01 No.	250000/-	Each	250000/-
	ii) Required 50 KVA Transformer etc.	---	01 No.	80000/-	Each	80000/-
	iii) Required 15 BHP Electirc Motor & Pump with All accessories etc.	---	01 Set	66000/-	P.Set	66000/-
	iv) Electric Work for Lightin etc.	---	01 Job	5000/-	P.Job	5000/-
	v) Repair of M.S Delivery Pipe etc.	6" Dia	01 Job	5000/-	P.Job	5000/-
				Total		3970000/-
<u>Main Disposal Pumping Station Qasimabad.</u>						
	i) Construction of RCC Foundation for 350 KVA Generator etc.	---	01 Job	250000/-	P.Job	250000/-
	ii) Repair of 100 BHP Pump Set etc.	---	01 Job	200000/-	P.Job	200000/-



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1/20	iii) Repair of 60 BHP Sumer Sable (Water Proof) etc.	---	01 Job	20000/-	P.Job	20000/-
	iv) Repair of Starter of 60 BHP Sumer Sable (Water Proof) etc.	---	01 Job	10000/-	P.Job	10000/-
	v) Repair of Starter of 75 BHP etc.	---	01 Job	20000/-	P.Job	20000/-
	vi) Service of Generator 350 KVA etc.	---	01 Job	40000/-	P.Job	40000/-
	vii) Electric Work for Lighting etc.	---	01 Job	10000/-	P.Job	10000/-
	viii) Suppling of Tool Kit / Box etc.		01 No.	20000/-	Set	20000/-
	ix) Suppling of Mono Block 1"x1" etc.		01 No.	16000/-	Set	16000/-
					Total	586000/-
	Sheedi Goth Pumping Station					
1/21	i) Repair of 100 BHP Pump Set etc.		02 Job	150000/-	P.Job	300000/-
	ii) Repair of 50 BHP Pump Set etc.	---	02 Job	100000/-	P.Job	200000/-
				Total	500000/-	
Abdullah Town Pumping Station						
1/22	i) Repair of 25 BHP Pump Set etc.	---	01 Job	30000/-	P.Job	30000/-
	ii) S/F M.S Suction & Delivery Pipe etc.	6" Dia	30 Rft	1600/-	P.Rft	48000/-
	iii) S/F Non Return Valve etc.	6" Dia	02 Nos.	5000/-	Each	10000/-
	iv) S/F Sluice Valve etc.	6" Dia	02 Nos.	14000/-	Each	28000/-
	v) S/F Starter for 25 BHP etc	---	01 No.	10000/-	Each	10000/-
				Total	126000/-	
Poly Technical P/Station						
1/23	i) Required 15 BHP Electirc Motor & Pump with All accessories etc.		01 Set	660000/-	P.Set	660000/-
				Total	660000/-	
G.Total Rs.						24770200/-
						24910600/-

Total Tender Amount of

In Words Twenty four Million Seven hundred Seventy Thousand
two hundred only.



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SCHEDULE "B"

**NAME OF WORK:- MECHANICAL WORKS FOR CITY SEWERAGE (M)
DIVISION, WASA, HDA. (WORK-2)**

Name of M/s: - _____

S. No.	Items	Quantity	Rate	Unit	Amount
Part-A					
2-A/1	Providing & Fixing of Lights 250 watts (HPMV) having IP54 classification with 250w lamp, choke, capacitor & internal wiring complete in all respect. (S.O.R (E) P-25 I/160).	40 Nos.	12000/-	Each	480000/-
2-A/2	Fabrication of heavy steel work with angles tees flat iron roud iron and sheet iron for making trusses girders, tands etc including cutting tanks etc including cutting drilling riveting handling assembling and fixing but excluding erection in position. (SOR (G) P/91 I/2).	50.00 Cwt	5000/-	P.Cwt	250000/-
2-A/3	Erection and fitting in position of iron trusses of watr tanks etc. (SOR (G) P/91 I/3).	50.00 Cwt	1000/-	P.Cwt	50000/-
2-A/4	Mfg: Supplying & Fixing Black Steel M.S Pipe Made out of M.S Sheet 8.7 mm thick confirming to API 5-L great X-42 spirally welded & externally asphalt coated internally apoxe coated (AWWA Specification) i/c laying & jointing with state welding etc complete. (PHS-P-30-I-G i)				
	i) 6" Dia M.S Pipe 8.7mm thick.	100.00 Rft	2400/-	P.Rft	240000/-
	ii) 8" Dia M.S Pipe 8.7mm thick.	100.00 Rft	3000/-	P.Rft	300000/-
	iii) 12" Dia M.S Pipe 8.7mm thick.	100.00 Rft	4500/-	P.Rft	450000/-
	iv) 18" Dia M.S Pipe 6.4mm thick.	150.00 Rft	5500/-	P.Rft	825000/-
	v) 20" Dia M.S Pipe 6.4mm thick.	40.00 Rft	6000/-	P.Rft	240000/-
2-A/5	Providing & Fixing M.S Flange made out of M.S Plate. (SOR Part-C P-8 I/8).				
	i) 6" Dia M.S Flange	6 Nos.	1000/-	Each	6000/-
	ii) 8" Dia M.S Flange	6 Nos.	1500/-	Each	9000/-
	iii) 12" Dia M.S Flange	6 Nos.	3000/-	Each	18000/-
	iv) 18" Dia M.S Flange	2 Nos.	5000/-	Each	10000/-
	v) 20" Dia M.S Flange	2 Nos.	10000/-	Each	20000/-
2-A/6	Reflex Valve Heavy Pattern (Test Pressure 21 kg/sq.cm or 300 lbs/sq.inch) Imported) (SOR (M) Vol III P-97 I/6).				
	i) 6" Dia Reflex Valve	4 Nos.	4000/-	Each	16000/-
	ii) 8" Dia Reflex Valve	4 Nos.	7000/-	Each	28000/-
	iii) 12" Dia Reflex Valve	4 Nos.	20000/-	Each	80000/-





2-A/7	C.I Sluice Valve Heavy Pattern (Test Pressure 21 kg/sq.cm or 300 lbs/sq.inch) Imported) (SOR (M) Vol III P-97 I/6).				
	i) 6" Dia Sluice Valve	4 Nos.	15000/-	Each	15000/-
	ii) 8" Dia Sluice Valve	4 Nos.	20000/-	Each	20000/-
	iii) 12" Dia Sluice Valve	4 Nos.	78000/-	Each	78000/-
	iv) 18" Dia Sluice Valve	1 No.	20000/-	Each	20000/-
2-A/8	Providing / Supplying Cable 3.5 Core Copper Conductor 660/1000 Volts. (SOR (M) E P-148).				
	i) 25mm	100 Metrs	2000/-	P.Mtr	200000/-
	ii) 50mm	100 Metrs	3000/-	P.Mtr	300000/-
Total Amount of Part "A"					3832000/-
4174000/-					
Part-B					
2-B/1	Overhauling of Diesel Generator Engine complete in all respect & testing on full load @ site of work with replacement of damage / defective protective relays by new one also replacement of any damage part like AVR indication lights / Meter found during repairing work replacement of oil filter, diesel filter, air filter etc i/c cartage from site of work shop & work shop to site. Also supplying & fixing battery with flexible cable with connector etc complete in all respect. (M.R)				
	i) 350 KVA Generator at Tulsidas P/St:	1 No.	800000/-	Each	800000/-
	ii) 135 KVA Generator at PD-2 P/St:	1 No.	300000/-	Each	300000/-
	iii) 250 KVA Generator at Affandi P/St:	1 No.	100000/-	Each	100000/-
	iv) 250 KVA Generator at Jacob Tank P/St:	1 No.	100000/-	Each	100000/-
2-B/2	Repairing of pumps i/c manufacturing of impeller, still shaft i/c turning & facing i/c providing and fixing ball bearing of required size manufacturing & fixing slue bush, gland jail bush, pump body bush steel i/c turning & facing of pump body boring at bearing side, providing and fixing oil seal including installation at site i/c cartage etc in all respect. (As per following items whatever carried out). (M.R)				
	i) 25 BHP Pump	1 No.	30000/-	Each	30000/-
	ii) 100 BHP Pump	1 No.	150000/-	Each	150000/-
	iii) 125 BHP Pump	2 Nos.	250000/-	Each	500000/-
2-B/3	Rewinding of Burnt Electric Motor 03 Phase 440 Volt including Burnt Wire i/c Providing & Fixing Ball Bearing, Cover Bush, Motor Shaft turning & Finishing i/c testing on full load, cartage etc complete in all respect. (M.R)				
	i) 25 BHP Motor	1 No.	35000/-	Each	35000/-
	ii) 100 BHP Motor	1 No.	100000/-	Each	100000/-
	iii) 125 BHP Motor	2 Nos.	110000/-	Each	220000/-



2-B/4	Repairing of Motor Control Unit (ASD without dry running type) MCU/SD-60 i/c replacement of damaged parts like magnetic contactor over load relay etc i/c testing etc complete in all respect. (M.R)	6 Nos.	40000/- Each	240000/-
2-B/5	Manufacturing / Fixing Cable Tray made out of M.S Sheet thoroughly welded with M.S strip size 1 1/2" x 3/8" thick i/c cutting welding, molding from edges i/c fixing over M.S Pole 3" dia 12' ft long thoroughly concreted in RCC foundation of size 12" x 12" x 2' ft etc complete in all respect. (R.A Attached)			
	Cable Tray at Tulsidas P/St	130.00 Rft	3000/- P.Rft	390000/-
2-B/6	Manufacturing & Fixing M.S Shade 12' ft Height size 12 x 19 made out of M.S Pipe 3" dia & M.S Corrugated Sheet i/c cutting, fitting, welding etc complete in all respect. (M.R)	2 Nos.	75000/- Each	150000/-
2-B/7	'Fuji' Automatic Star-Delta Starters Motor Control Gears are housed in steel sheet enclosures and comprises of line contactor, A Star contactor a delta contactor, over load relay, ON & OFF push button and a timer for automatic changeover from star to delta, used for switching & control of 3-Phase 400/500V squirrel cage induction motors. (M.R)			
	i) 25 BHP MCU	4 Nos.	60000/- Each	240000/-
	ii) 50 BHP MCU	2 Nos.	100000/- Each	200000/-
	iii) 100 BHP MCU	2 Nos.	150000/- Each	300000/-
2-B/8	Supplying of Tool Kit Box Heaving different size of Screw Drivers, Fix Pane, Ring Pane, NL Key set Pliers etc complete heavy duty in all respect (M.R)	4 Nos.	20000/- Each	80000/-
2-B/9	Supplying of Chain Pulley Block Upto 5 Ton Capacity et complete. (M.R)	2 Nos.	50000/- Each	100000/-
2-B/10	Supplying & Fixing of Diesel Generator standard type model of 45 KVA, Single / dual voltage 380-420 V, 50-60 Hz 4 Pole, Brush less alternator, 3 Phase, 04 Wire, Engine Model Hino, Nissan, Mitsubishi or any other similar type reputable make, with Canopy, direct injection type with turbo & cooler, speed 1500-1800 min-1. Rates also include 1 year free service at site of work, all transportation charges upto site of work, also includes all kind of Taxes, charges, labour and any other expenses. (M.R)	2 Nos.	250000/- Each	500000/-
2-B/11	Repairing of Jetting Vehicle i/c replacement of damage part of Hydraulic or any other system found during repairing of vehicle i/c testing etc complete in all respect i/c all taxes etc complete. (Quotation Attached)	1 Job	100000/- P.Job	100000/-
2-B/12	Providing and fixing Hydraulic Pipe 3/4" dia of Jetting Vehicle i/c testing and cartage etc complete in all respect. (M.R)	150.00 Rft	1500/- P.Rft	225000/-
2-B/13	Providing Fixing Transformer 400 KVA i/c All Accessories. (M.R)	No.	440000/- Each	4400000/-
			2600000/-	2600000/-



2-B/ 14	Supplying / Installation & Testing of local made horizontal non clogging / KWP sludge pump 6" x 6" type 200-315 with supplying / installation sleeve coupling & base frame chassis heavy pattern with electric motor, i/c supplying / installation & testing, 75 HP, 55.95 KW, 1400 RPM, 4 pole, 3 phase, star delta type. Manufacture's designed discharge, 1800 IGPM at 120 feet head respectively etc compete in all respect (Without MCU) (R.A Attached).		
75 BHP Pump Set		I No. 1200000/- Each 1200000/-	1200000/-
Total Amount of Part "B"			4060000/-
18234000/=			

Total A+B Tender Amount of Rs:- 17892000/-

In Words:- Seventeen Million Eight hundred Ninty two thousands only.











SCHEDULE "B"

3. NAME OF WORK:- MECHANICAL WORKS FOR LATIFABAD SEWERAGE (M)
DIVISION, WASA, HDA. (WORK-3)

Name of M/s: - _____

S. No.	Items	Quantity	Rate	Unit	Amount
	Part-A				
	Mfg: Supplying & Fixing Black Steel M.S Pipe Made out of M.S Sheet 8.7 mm thick confirming to API 5-L great X-42 spirally welded & externally asphalt coated internally apoxe coated (AWWA Specification) i/c laying & jointing with state welding etc complete. (PHS-P-30-I-G i)				
3-A/1	i) 3" Dia M.S Pipe 6.4mm thick.	42.00 Rft	1000/-	P.Rft	42000/-
	ii) 4" Dia M.S Pipe 6.4mm thick.	300.00 Rft	1400/-	P.Rft	420000/-
	iii) 5" Dia M.S Pipe 6.4mm thick.	50.00 Rft	1600/-	P.Rft	80000/-
	iv) 6" Dia M.S Pipe 6.4mm thick.	500.00 Rft	1800/-	P.Rft	900000/-
	v) 8" Dia M.S Pipe 6.4mm thick.	100.00 Rft	2300/-	P.Rft	230000/-
	vi) 10" Dia M.S Pipe 6.4mm thick.	100.00 Rft	2900/-	P.Rft	290000/-
	vii) 12" Dia M.S Pipe 6.4mm thick.	500.00 Rft	3500/-	P.Rft	1750000/-
	viii) 24" Dia M.S Pipe 6.4mm thick.	100.00 Rft	6800/-	P.Rft	680000/-
	C.I Sluice Valve Heavy Pattern (Test Pressure 21 kg/sq.cm or 300 lbs/sq.inch Imported) (SOR (M) Vol III P-97 I/6).				
3-A/2	i) 4" Dia Sluice Valve	10 Nos.	8000/-	Each	80000/-
	ii) 5" Dia Sluice Valve	10 Nos.	10000/-	Each	100000/-
	iii) 6" Dia Sluice Valve	10 Nos.	15000/-	Each	150000/-
	iv) 8" Dia Sluice Valve	2 Nos.	20000/-	Each	40000/-
	v) 10" Dia Sluice Valve	4 Nos.	50000/-	Each	200000/-
	vi) 12" Dia Sluice Valve	8 Nos.	78000/-	Each	624000/-
	Reflex Valve Heavy Pattern (Test Pressure 21 kg/sq.cm or 300 lbs/sq.inch Imported) (SOR (M) Vol III P-97 I/6).				
3-A/3	i) 4" Dia Reflex Valve	10 Nos.	3000/-	Each	30000/-
	ii) 5" Dia Reflex Valve	2 Nos.	3500/-	Each	7000/-
	iii) 6" Dia Reflex Valve	12 Nos.	4000/-	Each	48000/-
	iv) 10" Dia Reflex Valve	10 Nos.	15000/-	Each	150000/-
	v) 12" Dia Reflex Valve	10 Nos.	25000/-	Each	250000/-
3-A/4	Dobule Armor Pipe. (M.R)				
	5" Dia Armor Pipe	60.00 Rft	800/-	P.Rft	48000/-



3-A/5	'Fuji' Automatic Star-Delta Starters Motor Control Gears are housed in steel sheet enclosures and comprises of line contactor, A Star contactor a delta contactor, over load relay, ON & OFF push button and a timer for automatic changeover from star to delta, used for switching & control of 3-Phase 400/500V squirrel cage induction motors. (M.R)			
	i) 15 BHP MCU	9 Nos.	50000/- Each	450000/-
	ii) 25 BHP MCU	6 Nos.	60000/- Each	360000/-
	iii) 40 BHP MCU	2 Nos.	80000/- Each	160000/-
	iv) 100 BHP MCU	1 No.	150000/- Each	150000/-
	v) 150 BHP MCU	1 No.	200000/- Each	200000/-
3-A/6	Repairing of Motor Control Unit (ASD without dry running type) MCU/SD-60 i/c replacement of damaged parts like magnetic contactor over load relay etc i/c testing etc complete in all respect. (M.R)			
	i) 15 BHP MCU	2 Nos.	10000/- Each	20000/-
	ii) 25 BHP MCU	4 Nos.	15000/- Each	60000/-
	iii) 100 BHP MCU	2 Nos.	50000/- Each	100000/-
	iv) 125 BHP MCU	1 No.	50000/- Each	50000/-
3-A/7	Supply of 25 BHP 960 RPM (4 Pole) 3 Phase VAC, 25 HZ Star-Delta type foot mounted (IMB) totally enclosed fan cooled squirrel cage induction motor. (M.R) 25 BHP Motor	3 Nos.	300000/- Each	900000/-
3-A/8	Rewinding of Electric Motor 3 phase, 400/440 volts, 50 cycles with best quality insulated copper wire of required gauge including testing on load with satisfactory result upto one week's time, opening and refitting an replacing the bolts if necessary excluding the cost of worn out material. (SOR (G) P-110 Item-97) (4 Poles (1450))			
	i) 40 BHP Motor	2 Nos.	40000/- Each	80000/-
	ii) 60 BHP Motor	1 No.	60000/- Each	60000/-
	iii) 150 BHP Motor	2 Nos.	100000/- Each	200000/-
3-A/9	Providing & Fixing 100 KVA Transformer i/c all accessories etc complete in all respect. (M.R) 100 KVA	1 No.	1100000/- Each	1100000/-
3-A/10	Repair of Transformer. (M.R)			
	i) 100 KVA	1 No.	50000/- Each	50000/-
	ii) 200 KVA	1 No.	100000/- Each	100000/-



3-A/11	Overhauling of Diesel Generator Engine complete in all respect & testing on full load @ site of work with replacement of damage / defective protective relays by new one also replacement of any damage part like AVR indication lights / Meter found during repairing work replacement of oil filter, diesel filter, air filter etc i/c cartage from site of work shop & work shop to site. Also supplying & fixing battery with flexible cable with connector etc complete in all respect. (M.R)			
	<u>i) 100 KVA</u>	2 Nos.	60000/-	120000/-
	<u>ii) 200 KVA</u>	1 No.	100000/- Each	100000/-
	<u>iii) 250 KVA</u>	1 No.	300000/- Each	300000/-
	<u>iv) 350 KVA</u>	1 No.	100000/- Each	100000/-
3-A/12	Repair of Cess Pole Tanker i/c overhauling of engine, repair if Chassis, Replacement of Tank, Tyre Batteris etc complete in all respect. (M.R)	1 No.	800000/- Each	800000/-
3-A/13	Providing and fixing Hydraulic Pipe 3/4" dia of Jetting Vehicle i/c testing and cartage etc complete in all respect. (M.R)	300.00 Rft	1500/- PRft	450000/-
3-A/14	Repairing of pumps i/c manufacturing of impeller, still shaft i/c turning & facing i/c providing and fixing ball bearing of required size manufacturing & fixing slue bush, gland jail bush, pump body bush steel i/c turning & facing of pump body boring at bearing side, providing and fixing oil seal including installation at site i/c cartage etc in all respect. (As per following items whatever carried out). (M.R)			
	<u>i) 15 BHP</u>	2 Nos.	16000/- Each	32000/-
	<u>ii) 25 BHP</u>	2 Nos.	25000/- Each	50000/-
	<u>iii) 80 BHP</u>	2 Nos.	100000/- Each	200000/-
	<u>iv) 100 BHP</u>	2 Nos.	150000/- Each	300000/-
3-A/15	RCC Foundation for 10 BHP, 15 BHP & 25 BHP Pump Sets. (R.A Attached).			
	<u>i) 15 BHP</u>	5 Nos.	10000/- Each	50000/-
	<u>ii) 25 BHP</u>	6 Nos.	150000/- Each	900000/-
3-A/16	RCC Foundation for 50 BHP, 100 BHP & 125 BHP Pump Sets. (R.A Attached).			
	<u>i) 50 BHP</u>	2 Nos.	50000/- Each	100000/-
	<u>ii) 100 BHP</u>	4 Nos.	50000/-	200000/-
	<u>iii) 125 BHP</u>	2 Nos.	50000/- Each	100000/-
3-A/17	Replacment of Chassis Frame for Pump. <u>15 BHP</u>	1 No.	10000/- Each	10000/-
3-A/18	Supplying of Tool Kit Box Heaving different size of Screw Drivers, Fix Pane, Ring Pane, NL Key set Pliers etc complete heavy duty in all respect (M.R)	15 Nos.	20000/- Each	300000/-
3-A/19	Supplying of Mono Block Pump Set 2" x 2" with all accessories. (M.R)	15 Nos.	15000/- Each	225000/-



3-A/	20	Supplying of Petrol Engine 2" Dia with all accessories. (M.R)	4 Nos.	35000/- Each	140000/=
3-A/	21	Replacment of Pulley Set of 04 Nos. Pins Hole i/c Pins & Bushes etc complete. (M.R) 6" Dia	6 Nos.	15000/- Each	90000/=
3-A/	22	Replacement of Pulley Set of 10 Nos. Pins Hole etc complete. (M.R). i) 100 BHP	4 Nos.	30000/- Each	120000/=
		ii) 125 BHP	4 Nos.	30000/- Each	120000/=
3-A/	23	Fabrication of heavy steel work with angles tees flat iron roud iron and sheet iron for making trusses girders, tands etc including cutting tanks etc including cutting drilling riveting handling assembling and fixing but excluding erection in position. (SOR (G) P/91 I/2).	15.00 Cwt	5000/- P.Cwt	75000/=
3-A/	24	Supply of Batteries for Generator. (M.R)	18 Nos.	20000/- Each	360000/=
3-A/	25	Supply of Electric Main Switch. (M.R)	6 Job	15000/- P.Job	90000/=
3-A/	26	Supply of Over Load Relay. (M.R) i) 25 BHP	1 No.	20000/- Each	20000/-
		ii) 50 BHP	1 No.	30000/- Each	30000/-
3-A/	27	Supply of Contactor. (M.R) i) 25 BHP	1 No.	5000/- Each	5000/-
		ii) 100 BHP	2 Nos.	25000/- Each	25000/- 50000/-
		ii) 125 BHP	2 Nos.	25000/- Each	25000/- 50000/-
3-A/	28	PVC insulated single core opper conductor 660/1100- Volts size 7/1.70mm (7/064) (SOR (M) E P-141 I- 7/64	3585.0 Rft	200/- P.Rft	717000/-
3-A/	29	Providing / Supplying Unuarmoured Cable 3.5 Core Copper PVC/PVC Copper Conductor 660/1000 Volts. (SOR (M) E P-148). i) 70mm	500.0 Rft	2000/- P.Rft	1000000/-
		ii) 120mm	250.0 Rft	5000/- P.Rft	1250000/-
3-A/	30	Moulded Case Circuit Breakers, 3-Pole, 500/600 V, With Thermal & Magnetic Trips (Made in Japan) (M.R) i) 30 Amp	4 Nos.	7500/- Each	30000/-
		ii) 50 Amp	2 Nos.	7500/- Each	15000/-
		ii) 60 Amp	5 Nos.	7500/- Each	37500/=
3-A/	31	Manufacturing & Fixing M.S Shade 12' ft Height size 12 x 19 made out of M.S Pipe 3" dia & M.S Corrugated Sheet i/c cutting, fitting, welding etc complete in all respect. (M.R)	4 Nos.	75000/- Each	300000/-
3-A/	32	P/F & Testing of Non Colloging Pump coupled with 100 BHP 900 RPM (4 Pole) 3 Phase motor of 400 VAC, 50 HZ with insulation class "F" i/c starter with all accessories etc complete in all respect. (R.A Attached). 100 BHP	2 Nos.	550000/-	1100000/=



(50)

3-A/33	Making & Fixing steel grated door with 1/16" thick sheeting including angle iron frame 2" x 2" 3/8" and 3/4" square bars 4" centre to centre with locking arrangement. (SOR (G) P-92 Item-24). Main Gates	740.0 Sft	700/-	P.Sft	518000/-
3-A/34	Supplying of Chain Pulley Block Upto 5 Ton Capacity et complete. (M.R)	2 Nos.	15000/-	Each	30000/-
3-A/35	Supplying of Load Plate for 125 BHP Pump Set. (M.R)	2 Nos.	20000/-	Each	40000/-
Amount of Non-Schedule Item Part-A Total Rs.					30308500/-
Part-B: - Construction of Damaged Walls of C.C Nalla at Unit No. 12					30583500/-
3-B/1	Erection and Removal of Centering for RCC or plain C.C Work of Partal Wood. (VERTICAL).	11000.0 Sft	3500/-	P%Sft	385000/-
3-B/2	Cement Concrete work including placing compacting & curring complete including screening & washing of stone agreement without shuttering. (S.O.R (g) P-16 Item No. 5 (f)) Ratio 1:2:4	4125.00 Cft	15000/-	P%Cft	618750/-
3-B/3	Cement Plaster 1:5 up to 12' Height 1/2" thick. (SOR (G) P/52 I/12 (b)).	12100.0 Sft	2500/-	P%Sft	302500/-
3-B/4	Providing & Fixing of Lights 250 watts (IIPMV) having IP54 classification with 250w lamp, choke, capacitor & internal wiring complete in all respect. (S.O.R (E) P-25 I/160).	71 Nos.	7500/-	Each	532500/-
Amount of Schedule Item Part-B Total Rs.					1838750/-
Part-C: - Man Hole, Roofs, Raising, RCC, Wooden Covers, C.I Frame, Coloring & Desilting.					
3-C/1	Mfg: Supplying & Fixing Wooden man hole cover made out of Kikar wood in two pieces joint with wooden patti with steel nail average size 23" to 26" dia 2 1/2" thick minimum etc complete in all respect. (R.A Attached)	992 Nos.	500/-	Each	496000/-
3-C/2	Manufacturing and supplying of 21" R.C.C manhole cover cast in 1:2:4 concrete ratio 3 inch deep at center, reinforced with 1/2" dia tor steel bars at 4" c/c welded to 3/16" thick 2" wide M.S Plate two hook of 3/8" dia tor bard including compacting i/c curing, and transportation with in 10 miles. (S.O.R (S) P-31 Item-1 (b)) 24" Dia	1000 Nos.	800/-	Each	800000/-
3-C/3	Raising of Man Hole 4' ft internal Dia upto 1 feet i/c dismantling C.I Frame side R.C.C & reconstruction with all labour & material i/c refixing C.I frame etc complete at site of work. (R.A Attached).	75.0 Nos.	10000/-	Each	750000/-
3-C/4	Construction of RCC Roof Slab Ratio 1:2:4, 9" thick 5.5' Dia over existing M.H i/c all kind of material such as cement sand, bajri and steel bar as per required using 1/2" Dia steel bars 6" c/c i/c all kind of shuttering moulds and labour finishing curing etc complete. (R.A Attached)	76 Nos.	5000/-	Each	380000/-
3-C/5	Supplying of Extra C.I frame. (PHS-P-99-I-14). FRAME	87.50 Cwt	5000/-	P.Cwt	437500/-



3- 6	Priming Coat of Chalk distemper. (SOR (G) P/54 I/23). Rooms 20 Nos.	31400.0 Sft	200/-	P%\$ft	62800/-
3- 7	Distempering. (SOR (G) P/54 I/24). Qty Same as Item No. 06	31400.0 Sft	200/-	P%\$ft	62800/-
3- 8	Painting Old Surfaces (a) Painting corrugated surfaces, patent roofing etc. with oil paint. (ii) Each subsequent coat. (S.O.R (G) P-68 Item-4). Gates 20 Nos. (2 Coats)	3200.00 Sft	500/-	P%\$ft	16000/-
Amount of Non-Schedule Item Part-C Total Rs.					3005100/-

3005100/-

i). Total Amount of Schedule Item (PART-B)

Rs.

ii). I the Contractor M/s _____

Here by quote _____ % Premium above / below the schedule Item. Rs. _____

iii). Total Amount Non Schedule Item in (PART-A & PART-C)



Rs. _____

Total Tender Amount of I + II + III in

Rs. 35147350/-
35427350/-

In Words Thirty five Million One hundred forty seven
Thousands Three hundred fifty only.

[Handwritten signatures and stamps]

SCHEDULE "B"

4. Name of Work: - REPAIR / MAINTENANCE OF PUMPING MACHINERY, REHABILITATION OF LIGHTING SYSTEM AND OTHER ELECTRICAL WORKS IN CITY WATER SUPPLY (M) DIVISION, WASA, HDA HYDERABAD. (WORK-4)

Sr. No.	Items Description	Qty:	Rate	Unit	Amount
4/1	Repair of MCU for 80 BHP Turbine set No. 1 at Fort Hill Pumping Station Pucca Qila, Job i/c Replacement of damaged or burnt parts i/c all T&P and labour required to carry out the job up to the satisfaction of Engineer in charge and testing to the full load up specified pressure etc complete in all respect. (M.R)	01 Job	50000/-	P.Job	50000/-
4/2.	Repair of 80 BHP Turbine DSV-R at For Hill Pumping Station Job i/c replacement / repair of damaged parts e.g Impeller, Antifriction ball bearing, shaft protecting sleeve i/c all T&P and labour required to carry out the job up to the satisfaction of Engineer in charge and testing to the full load up specified pressure etc complete in all respect. (M.R)	01 Job	150 000/-	P.Job	150000/-
4/3.	Re-Winding of Electric Motor 440 volts 3 phase 1450 RPM with specified copper wire i/c all T&P and labour also i/c testing to full load upto specified time and satisfaction to Engineer, Incharge etc complete in all respect. (M.R)				
	40 BHP	01 Job	40000/-	P.Job	40000/-
	25 BHP	02 Jobs	30000/-	P.Job	60000/-
4/4.	Supplying Submersible Pump having capacity of 40 to 60 GPM with 100 ft head i/c all accessories and testing to full load and capacity etc complete in all respect. (M.R)	01 No.	700000/-	Each	700 000/-



(53)

4/5	Providing and fixing 24" dia Sluice Valve heavy pattern specially for extensive uses, Job i/c removal of damaged Sluice valve fixing new valve testing etc complete in all respect. (RAA).	01 Job	800000/-	P.Job	800000/-
4/6	Jointing C.I./M.S pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts,bolts with easer etc and other tools required for jointing and testing the joints to the specified pressure etc complete. (PHE,SOR,P-40,I-M-1)	4.0 Joints	100/-	P,Jt	400/-
Amount of Non-Schedule Item Total Rs.					1800400/-

In Words One Million Eight hundred thousand four hundred
only









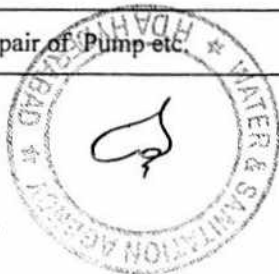

SCHEDULE "B"

NAME OF SCHEME:-

VARIOUS PUMPING STATION IN LATIFABAD
HYDERABAD. (WORK - 5)

NAME OF CONTRACTOR:-

S. No.	Name of Pumping Station	Dia	Quantity	Rate	Unit	Amount
ONE MGD PUMPING STATION UNIT NO:4.						
	i) Repair of 250 KVA Generator etc.	250 KVA	01 Job	800000/-	Job	800000/-
	ii) Repair/Rewinding Electric Motor (Vertical) etc.	60 BHP	01 Job	65000/-	Job	65000/-
	iii) Repair/Rewinding Electric Motor etc.	100 BHP	01 No:	100000/-	Each	100000/-
	iv) Repair/Rewinding Electric Motor etc.	75 BHP	01 No:	75000/-	Each	75000/-
	v) Repair of Turbine Pump etc.	100 BHP	01 Job	75000/-	Job	75000/-
	vi) Repair of Turbine Pump etc.	60 BHP	02 Job	30000/-	Job	60000/-
	vii) Repair of Pump etc.	40 BHP	06 Job	30000/-	Job	180000/-
	viii) S/F of 240 MM wire 3.5 Core (Coper) etc.		250 Rft	5000/-	P/Rft	1250000/-
S/1	ix) S/of 70 MM wire 3.5 Core (Coper) etc.		150 Rft	2000/-	P/Rft	300000/-
	x) Required M.C.U for 75 BHP Pump etc.	75 BHP	01 Each	200000/-	Each	200000/-
	xi) Required M.C.U for 60 BHP Pump etc.	60 BHP	02 Each	100000/-	Each	200000/-
	xii) Suppling of Chain Block 3 Ton etc.		01 Job	15000/-	Each	15000/-
	S/F of Sodium Light 400 Vot etc.		04 Job	7000/-	Each	28000/-
	xiii) Suuppling of Electric tool kit/box etc.		01 No.	20000/-	Set	20000/-
	xiv) Suppling of Tool Kit / Box etc.		01 No.	20000/-	Set	20000/-
	xv) Suppling of Mono Block 1"x1" etc.		01 No.	15000/-	Set	15000/-
	xvi) Petorl engine 2" dia for de-watering etc.		01 No.	30000/-	Set	30000/-
Total Rs.						3433000/-
ONE TREE BUND PUMPING STATION UNIT NO:4						
	i) Repair/Rewinding Electric Motor etc.	25 BHP	02 No:	30000/-	Each	60000/-
	ii) Repair of Pump etc.	40 BHP	02 Job	30000/-	Job	60000/-
S/2	iii) Repair of Pump etc.	25 BHP	03 Job	25000/-	Job	75000/-



iv) S/F of 35 mm wire 3 Core (Silver) etc.		600 Rft	200/-	P/Rft	120000/-
v) Required M.C.U for 25 BHP Pumpetc etc.	25 BHP	02 Each	50000/-	Each	100000/-
vi) S/F of Sodium Light 400 Vot etc.		02 Job	7000/-	Each	14000/-
vii) S/F Sluice Valve etc.	8" Dia	06 Each	20000/-	Each	120000/-
viii) S/F Reflex Valve etc.	8" Dia	06 Each	9000/-	Each	54000/-
ix) Suppling of Tool Kit / Box etc.		01 No.	20000/-	Set	20000/-
x) Suppling of Mono Block 1"x1" etc.		01 No.	15000/-	Set	15000/-
Total Rs.					638000/-

THOKAR PUMPING STATION UNIT NO:4

i) Repair/Rewinding Electric Motor etc.	25 BHP	02 No.:	30000/-	Each	60000/-
ii) Repair of Pump etc.	25 BHP	04 Job	25000/-	Job	100000/-
iii) S/F of 35 mm wire 3 Core (Silver) etc.		600 Rft	200/-	P/Rft	120000/-
Required M.C.U for 25 BHP Pumpetc etc.	25 BHP	03 Each	50000/-	Each	150000/-
iv) S/F of Sodium Light 400 Vot etc.		02 Job	7000/-	Each	14000/-
v) S/F Sluice Valve etc.	8" Dia	06 Each	20000/-	Each	120000/-
vi) S/F Reflex Valve etc.	8" Dia	06 Each	8000/-	Each	48000/-
vii) Suppling of Electric tool kit/box etc.		01 No.	20000/-	Set	20000/-
viii) Suppling of Tool Kit / Box etc.		01 No.	20000/-	Set	20000/-
ix) Suppling of Mono Block 1"x1" etc.		01 No.	15000/-	Set	15000/-
x) Suppling of Chain Block 3 Ton etc.		01 Job	15000/-	Each	15000/-
Total Rs.					682000/-

UNIT NO: 6 PUMPING STATION

i) Repair of Turbine Pump etc.	60 BHP	01 Job	30000/-	Job	30000/-
ii) Repair/Rewinding Electric Motor (Vertical) etc.	60 BHP	01 Job	60000/-	Job	60000/-
iii) Suppling of Chain Block 3 Ton etc.		01 Job	15000/-	Each	15000/-
S/F of Sodium Light 400 Vot etc.		04 Job	7000/-	Each	28000/-



9/4	iv) Suuppling of Electric tool kit/box etc.		01 No.	20000/-	Set	20000/-	
	v) Suppling of Tool Kit / Box etc.		01 No.	20000/-	Set	20000/-	
	vi) Suppling of Mono Block 1"x1" etc.		01 No.	15000/-	Set	15000/-	
	vii) S/F Sluice Valve etc.	8" Dia	01 Each	15000/-	Each	15000/-	
	viii) S/F Sluice Valve etc.	6" Dia	02 Each	15000/-	Each	30000/-	
	Total Rs.						233000/-
9/5	GRO COLONY PUMPING STATION						
	i) S/F ETA Pump Set etc.	25 BHP	02 No.	325000/- 325000/-	Set	650000/- 650000/-	
	ii) S/F MCU etc.	25 BHP	02 No.	50000/-	Set	100000/-	
Total Rs.							750000/-
9/6	UNIT NO: 10 PUMPING STATION.						
	i) Repair of Turbine Pump etc.	60 BHP	01 Job	60000/-	Job	60000/-	
	ii) Suppling of Chain Block 3 Ton etc.		01 Job	15000/-	Each	15000/-	
	iii) S/F of Sodium Light 400 Vot etc.		04 Job	7000/-	Each	28000/-	
	iv) Suppling of Tool Kit / Box etc.		01 No.	20000/-	Set	20000/-	
	v) S/F Sluice Valve etc.	12" Dia	02 Each	100000/-	Each	200000/-	
Total Rs.							323000/-
5/7	KHOSAR DARIYA PUMPING SATION UNIT NO:10.						
	i) Repair/Rewinding Electric Motor etc.	60 BHP	03 No:	60000/-	Each	180000/-	
	ii) Repair/Rewinding Electric Motor etc.	75 BHP	01 No:	80000/-	Each	80000/-	
	iii) Repair/Rewinding Electric Motor etc.	50 BHP	02 No:	50000/-	Each	100000/-	
	iv) Repair of Pump etc.	80 BHP	01 Job	50000/-	Job	50000/-	
	v) Repair of Pump etc.	60 BHP	02 Job	40000/-	Job	80000/-	
	vi) Repair of Pump etc.	50 BHP	02 Job	35000/-	Job	70000/-	
	vii) S/of 35 mm wire 3 Core (Coper) etc.		900 Rft	400/-	P/Rft	360000/-	
	viii) Required M.C.U for 60 BHP Pump etc.	60 BHP	03 Each	100000/-	Each	300000/-	
	ix) Required M.C.U for 75 BHP Pump etc.	75 BHP	02 Each	200000/-	Each	400000/-	
x) S/F of Sodium Light 400 Vot etc.		02 Job	7000/-	Each	14000/-		



xi) S/F Sluice Valve etc.	4" Dia	06	Each	10000/-	Each	60000/-
xii) S/F Sluice Valve etc.	5" Dia	06	Each	10000/-	Each	60000/-
xiii) S/F Sluice Valve etc.	6" Dia	06	Each	15000/-	Each	90000/-
xiv) S/F Reflex Valve etc.	4" Dia	06	Each	2000/-	Each	12000/-
xv) S/F Reflex Valve etc.	5" Dia	06	Each	2000/-	Each	12000/-
xvi) S/F Reflex Valve etc.	6" Dia	06	Each	6000/-	Each	36000/-
xvii) Suppling of Tool Kit / Box etc.		01	No.	20000/-	Set	20000/-
xviii) Suppling of Mono Block 1"x1" etc.		01	No.	15000/-	Set	15000/-
xix) Suppling of Chain Block 3 Ton etc.		01	Job	15000/-	Each	15000/-
Total Rs.						1954000/-

AMANI SHAH PUMPING STATION UNIT NO: 11.

i) Repair of Pump etc.	40 BHP	01	Job	30000/-	Job	30000/-
ii) S/Fixing M.C.U for 40 BHP Pump etc.	40 BHP	01	Each	70000/-	Each	70000/-
iii) S/Fixing M.C.U for 15 BHP Pump etc.	15 BHP	01	Each	50000/-	Each	50000/-
iv) S/F M.S Suction Pipe for 40 BHP etc.	6" Dia	40	Rft	1600/-	P.Rft	64000/-
Compound Wall of Pacca Brick masonry with cement (1:3:6) etc.		1500	Sft:	450/-	P/Sft:	675000/-
v) C.C flooring etc.		1000	Sft:	4000/-	p% sft	40000/-
vi) S/F of Sodium Light 400 Volt etc.		02	Job	7000/-	Each	14000/-
vii) Suppling of Tool Kit / Box etc.		01	No.	20000/-	Set	20000/-
viii) Suppling of Mono Block 1"x1" etc.		01	No.	15000/-	Set	15000/-
ix) Suppling of Chain Block 3 Ton etc.		01	Job	15000/-	Each	15000/-
Total Rs.						993000/-

EID GAH PUMPING STATION UNIT NO: 11

i) Repair of Turbine Pump etc.	100 BHP	01	Job	70000/-	Job	70000/-
ii) Repair of Turbine Pump etc.	60 BHP	01	Job	50000/-	Job	50000/-
iii) Repair/Rewinding Electric Motor etc.	100 BHP	01	No.	100000/-	Each	100000/-

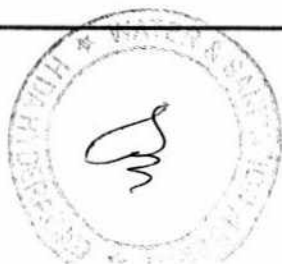


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9	iv) S/F M.S Suction Pipe for 40 BHP etc.	6" Dia	40 Rft	1600/=	P.Rft	64000/=	
	v) Compound Wall of Pacca Brick masonry with cement (1:3:6) etc.		160 rft	2000/=	p/rft	320000/=	
	vi) C.C flooring etc.		1000 Sft	4000/=	p.%sft	40000/=	
	vii) S/F of Sodium Light 400 Vot etc.		02 Job	7000/=	Each	14000/=	
	Suppling of Tool Kit / Box etc.		01 No.	20000/=	Set	20000/-	
	viii) Suppling of Mono Block 1"x1" etc.		01 No.	15000/=	Set	15000/-	
	ix) S/F Electric Main Switch etc.	400 Volts	01 No.	30000/-	Each	30000/-	
	x) Required M.C.U for 60 BHP Pump etc.	60 BHP	01 Each	100000/-	Each	100000/-	
	xi) Suppling of Tool Kit / Box etc.		01 No.	20000/-	Set	20000/-	
	xii) Suppling of Chain Block 3 Ton etc.		01 Job	15000/-	Each	15000/-	
	xiii) S/F of Sodium Light 400 Vot etc.		01 Job	7000/-	Each	7000/-	
	Total Rs.						865000/=

KHUDA HAFIZ PUMPING STATION UNIT NO: 12						
5/10	i) Repair of Turbine Pump etc.	80 BHP	01 Job	60000/-	Job	60000/-
	ii) S/of 35 mm wire 3 Core (Silver) etc.		200 Rft	200/-	P/Rft	40000/=
	iii) RCC Foundation for Pump etc complete..		01 Job	10000/=	P.Job	10000/-
	iv) M.S Suction Pipe etc.	3" Dia	120 Rft	700/-	P.Rft	84000/=
	v) C.C flooring etc.		960 Cft	4000/=	P%Sft	38400/=
	vi) S/F of Sodium Light 400 Vot etc.		02 Job	7000/-	Each	14000/-
	vii) Suppling of Tool Kit / Box etc.		01 No.	20000/-	Set	20000/=
	viii) Suppling of Chain Block 3 Ton etc.		01 Job	15000/-	Each	15000/=
	ix) Required M.C.U for 60 BHP Pump etc.	60 BHP	01 Each	100000/-	Each	100000/=
Total Rs.						381400/-

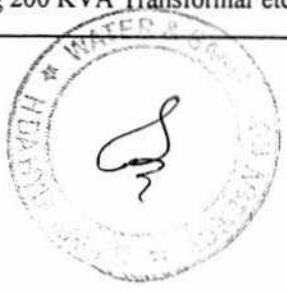
PAKORA PUMPING STATION UNIT NO: 12						
9/11	i) RCC Foundation for Pump etc.		01 Job	25000/-	P.Job	25000/-
	ii) S/F MCU etc.	25 BHP	02 No.	50000/-	Set	100000/-
	iii) Repair of Pump etc.	25 BHP	02 Job	25000/-	Job	50000/-
	iv) S/F M.S Suction Pipe etc.	4" Dia	20 Rft	1000/-	P.Rft	20000/-
	v) S/F Sluice Valve etc.	6" Dia	02 No.	15000/-	Each	30000/-
Total Rs.						225000/-



JINNAH COLONY PUMPING STATION UNIT NO: 12						
5/12	i) S/F ETA Pump Set etc.	25 BHP	02 No.	300000/-	Set	600000/-
	ii) S/F MCU etc.	25 BHP	02 No.	50000/-	Set	100000/-
	iii) S/F of 35 mm wire 3 Core (Silver) etc.		200 Rft	200/-	P/Rft	40000/-
						Total Rs. 740000/-

DEGREE COLLAGE PUMPING STATION UNIT NO: 11						
5/13	i) S/Fixing of Turbine Pump Set etc.	60 BHP	02 Job	250000/-	Job	500000/-
	ii) S/of 70 mm wire 3.5 Core (Coper) etc.		50 Rft	2000/-	P/Rft	100000/-
	iii) S/Fixing M.C.U for 60 BHP Pump etc.	60 BHP	02 Each	100000/-	Each	200000/-
	iv) S/fixing 200 KVA Transformar etc.		01 Job	1400000/-	Each	1400000/-
	v) S/F of Sodium Light 400 Vot etc.		03 Job	7000/-	Each	21000/-
	vi) Suppling of Tool Kit / Box etc.		01 No.	20000/-	Set	20000/-
	vii) Suppling of Mono Block 1"x1" etc.		01 No.	15000/-	Set	15000/-
	viii) Petorl engine 2" dia for de-watering etc.		01 No.	35000/-	Set	35000/-
	ix) Suppling of Chain Block 3 Ton etc.		01 Job	15000/-	Each	15000/-
	x) Suupling of Electric tool kit/box etc.		01 No.	20000/-	Set	20000/-
	xi) S/Fixing of 5 BHP EAT Pump Set etc.	05 BHP	01 Job	150000/-	Job	150000/-
	xii) S/F M.S Suction Pipe etc.	3" Dia	120 Rft	700/-	P.Rft	84000/-
	xiii) Supply and fixing of 7/44 wire (Coper) etc.		300 Rft	350/-	P/Rft	105000/-
	xiv) S/F M.S Suction Pipe for 25 BHP etc.	6" Dia	11 Rft	1600/-	P.Rft	17600/-
	xv) S/F M.S Suction Pipe for 25 BHP etc.	6" Dia	11 Rft	1600/-	P.Rft	17600/-
	xvi) S/F M.S Suction Pipe for 25 BHP etc.	6" Dia	11 Rft	1600/-	P.Rft	17600/-
						Total Rs. 7117800/-

KHOSAR L.S.R PUMPING STATION.						
5/14	i) S/Fixing of Turbine Pump Set etc.	60 BHP	02 Job	2500000/-	Job	5000000/-
	ii) S/of 70 mm wire 3.5 Core (Coper) etc.		100 Rft	2000/-	P/Rft	200000/-
	iii) S/Fixing M.C.U for 60 BHP Pump etc.	60 BHP	02 Each	100000/-	Each	200000/-
	iv) S/fixing 200 KVA Transformar etc.		01 Job	1400000/-	Each	1400000/-



v) Suppling of Tool Kit / Box etc.	01 No.	80000/-	Set	20000/-
vi) Suppling of Chain Block 3 Ton etc.	01 Job	15000/-	Each	15000/-
vii) Suupling of Electric tool kit/box etc .	01 No.	90000/-	Set	20000/-
viii) M.S Deliver Pipe etc.	6" Dia 100 Rft	1600/-	P.Rft	160000/-
Total Rs.				7015000/-
Amount of Non Schedule Item Grand otal Rs.				25350200/-
				25450200/-

In Words Twenty five Million Three hundred fifty thousand & Two hundred only.










SCHEDULE - B

Providing/Installing/ Commissioning of 100 BHP Vertical Turbines at 1 MGD & Thandi Sarak Pumping Station for Increase water supply to Qasimabad. (WORK-6)

S.No	Item's Description	Qty	Rate	Unit	Amount
6/1	Providing/Installing/Commissioning of 100 BHP deep well turbine with 3 phase Siemens or equivalent motor connected with KSB or equivalent pump (14B/3) i/c bowl assembly, MCU and allied electric & mechanical works / accessories etc complete in all respect.	2	450000/-	P.Set	900000/-
6/2	Providing & laying (Main or Sub-Main) PVC insulated PVC sheathed with 3.5 core copper cable 600/1000 volts size 70 sq-mm. 1 x 50 meter x 2 Nos = 100 meters	100	4000/-	P.Meter	400000/-
6/3	Mfg/Supplying black steel pipe made out of MS sheet of 6.4 mm thickness confirming to API 5L grade X-42 ERW Externally bitumen coating with fiber glass (5.0 mm thickness) straight. 10" dia	60	3500/-	P.Rft	210000/-
6/4	C.I Sluice valve heavy pattern test pressure 21.0 kg or 300 Lb/sq-inch impored. 10" dia	2	30000/-	Each	60000/-
6/5	Jointing C.I./M.S pipes and specials flanged and and inside a trench i/c supplying rubber packing of required thickness nuts, bolts with washer etc and other tools required for jointing and testing the joints to the specified pressure etc complete. 10" dia	10	100/-	P.Joint	1000/-



<p>6/6</p>	<p>Inter-connection charges for jointing of different dia of water supply pipe lines, this cost i/c excavation in all kind of soils, timbering where ever required, dewatering, all T&P and labour etc complete in all respect. 10" dia</p>	<p>2</p>	<p>20000/-</p>	<p>P.Job</p>	<p>40000/-</p>
<p>Total Amount</p>					<p>9711000/- ✓</p>










SCHEDULE - B

**Repair of 95 K.W Vertical turbine Set # 1 @ Head Reach
Pumping Station, WASA, HDA, Hyderabad (WORK-7)**

S.#	Item's Description	Qty	Rate	Unit	Amount
7/1	Main pump body bowl assembly boring, turning and finishing i/c Mfg./F C.I bush as per outer dia of furnished bowl assembly and outer dia of sleeve bearing etc complete in all respect	1	5000/-	P.job	5000/-
7/2	Mfg./F pump shaft made out by milled steel as per sample i/c turning finishing throwing and dynamically balancing etc complete in all respect.	5	75000/-	P.job	375000/-
7/3	Mfg./F pump shaft made out by mild steel as per sample i/c turning finishing throwing and dynamically balancing etc complete in all respect.	1	8000/-	Each	8000/-
7/4	Mfg./F Shaft protecting sleeve made out stainless steel i/c moulding tuning finishing as per sample (Part #5290.1)	1	25000/-	Each	25000/-
7/5	Mfg./F Shaft protecting sleeve made out stainless steel i/c moulding tuning finishing as per sample (Part # 5290.2)	5	25000/-	Each	125000/-
7/6	Mfg./F Sleeve bearing 85x150 made out by G.M as per sample i/c moulding turning finishing and making grove for grease re-circulation during normal working operation (Part # 3114.1)	1	18000/-	Each	18000/-
7/7	Mfg./F Sleeve bearing made out by G.M as per sample i/c moulding turning finishing and making grove for grease re-circulation during normal working operation (Part # 3114.2)	5	18000/-	Each	90000/-
7/8	Mfg./F Packing sleeve made out by G.M as per sample i/c moulding turning finishing and making grove for grease re-circulation during normal working operation (Part 5240)	1	18000/-	Each	18000/-
7/9	Mfg./f Gland body bush made out C.I i/c boring of body etc complete in all respect	1	12000/-	Each	12000/-
7/10	Mfg./ spider plate made out by C.I i/c moulding turning finishing facing side supports and making 3/8" dia hole for grease feeding through grease pump.	2	33000/-	Each	66000/-
7/11	Mfg./f Coupling sleeve made out by stainless steel in two portion as per shaft dia i/c S.S Nuts & bolts etc complete in all respect as per sample.	6	35000/-	Each	210000/-
7/12	S/F Tapper Roller thrust bearing No. 7322-B with brass cage for 1000 R.P.M i/c grease T&P etc complete in all respect		75000/-	Each	75000/-

7/13	S/F Anti thrust S.S Nuts & Bolts with washer size 20mm x 15mm.	70	500/-	Each	35000/-
7/14	S/F L-Key bolts of S.S as per required dia and length.	20	500/-	Each	10000/-
7/15	Mfg/f Casing wearing ring as per impeller dia (Part#5020)	1	20000/-	Each	20000/-
7/16	S/F Oil Seal (part # 4210.1)	12	500/-	Each	6000/-
7/17	S/F Oil Seal (part # 4210.2)	1	500/-	Each	500/-
7/18	S/F Oil Seal (Part 4210.3)	1	500/-	Each	500/-
7/19	Mfg/f impeller made out by stainless steel as per required discharge (10MGD) and head i/c dynamically balancing etc complete in all respect.	1	150000/-	Each	150000/-
7/20	Mfg/f M.S jali made out by stainless steel sheet having 3/4" dia hole for suction baimouth of turbine as per site requirement etc complete in all respect i/c o-ring etc complete in all respect.	1	70000/-	Each	70000/-
7/21	Hire charges of hydraulic crane (long boom) i/c POL, T&P and wages of driver with helper etc complete in all respect .	18	2000/-	P.Hrs	36000/-
Amount of Non Schedule Item Total Rs.					1355000/-

In Words _____

SCHEDULE - B

**Repair of 520 K.W Vertical turbine Set # 1 @ Head Reach Pumping Station, WASA, HDA,
Hyderabad (WORK - 8)**

S.#	Item description	Qty	Rate	Unit	Amount
8/1	Main pump body bowl assembly boring turning and finishing l/c Mfg./F C.I bush as per outer dia of furnished bowl assembly and outer dia of sleeve bearing etc complete in all respect	1	10000/-	P.Job	10000/-
8/2	Mfg./f pump shaft made out by mild steel as per sample l/c turning finishing throwing and dynamically balancing etc complete in all respect.	6	50000/-	P.Job	300000/-
8/3	Mfg./F Shift protecting sleeve made out stainless steel l/c moulding turning finishing as per sample	1	25000/-	Each	25000/-
8/4	Mfg./F Shaft protecting sleeve made out stainless steel l/c moulding tuning finishing as per sample	5	25000/-	Each	125000/-
8/5	Mfg/F Sleeve bearing made out by G.M as per sample l/c moulding turning finishing and making grove for grease recalculation during normal working operation	6	15000/-	Each	90000/-
8/6	Mfg./F Packing sleeve made out by G.M as per sample l/c moulding turning finishing and making grove for grease recalculation during normal working operation	1	8000/-	Each	8000/-
8/7	Mfg./f Gland body bush made out C.I l/c boring of body etc complete in all respect	1	5000/-	Each	5000/-
8/8	Mfg./f Coupling sleeve made out by stainless steel in tow portion as per shaft dia l/c S.S Nuts & bolts etc complete in all respect as per sample.	6	12000/-	Each	72000/-
8/9	S/F Taper Roller thrust bearing No.7322 B with brass cage for 1000 R.P.M l/c grease T&P etc complete in all respect	1	75000/-	Each	75000/-
8/10	S/F Anti thrust S.S nuts & bolts with washer size 20mmx155mmm.	35	500/=	Each	17500/-
8/11	S/F L-Key bolts of S.S as per required dia and length.	20	500/=	Each	10000/-
8/12	Mfg./f Casing wearing ring as per impeller dia	1	25000/-	Each	25000/-
8/13	s/f Oil Seal	12	400/-	Each	4800/-
8/14	S/F Oil Seal	2	400/-	Each	800/-
8/15	S/F Oil Seal	2	400/-	Each	800/-



8/16	Mfg/F Impeller made out by stainless steel as per required discharge (30MGD) and head i/c dynamcially balancing etc complete in all respect.	2	400000/-	Each	800000/-
8/17	Hire charges of hydraulic crane (long boom) i/c POL, T&P and wages of driver with helper etc complete in all respect.	36	3000/-	Each	108000/-
8/18	Mfg/f M.S jali made out by stainless steel sheet having 3/4" dia hole for suction baimouth of turbine as per site requirement etc complete in all respect i/c o-ring.	2	25000/-	Each	50000/-
Amount of Non Schedule Item Total Rs.					1726900/-



In Words _____









SCHEDULE - B

Repair of 65 K.W (DSV-V) Vertical Turbines Set # 01, 02 & 03 @ Canal Intake Pumping Station, WASA, HDA, Hyd. (WORK- 9)

S.#	Item Description	Quantity	Rate	Unit	Amount
9/1	Repair of impeller assembly l/c S.S welding turning finishing and dynamically balancing etc complete in all respect	3	15000/-	P.Job	45000/-
9/2	Mfg./f pump shaft made out by stainless steel (SUS 304) l/c turning finishing as per sample (P # 230)	3	40000/-	Each	120000/-
9/3	Mfg./f Shaft protecting sleeve made out stainless steel (SUS304) l/c moulding turning finishing as per sample (Part #240)	3	10000/-	Each	30000/-
9/4	mfg./f lantern ring made out by stainless steel (SUS 304) l/c moulding turning finishing as per sample.(P# 287)	3	5500/-	Each	16500/-
9/5	S/f ball bearing No. 6317 (SK&F) lower side for pump l/c POL & T&P required for fixing of bearing (P#320) (For pump)	3	15000/-	Each	45000/-
9/6	s/f Taper roller thrust bearing No .7322- B with brass cage l/c grease T&P etc complete in all respect (For pump)	3	75000/-	Each	225000/-
9/7	Mfg./f bearing washer made out by stainless steel (SS41) l/c moulding turning finishing as per sample (P#343)	3	900/-	Each	2700/-
9/8	Mfg./F Gland body bush made out by C.I l/c boring of body etc complete in all respect	3	2000/-	Each	6000/-
9/9	S/f ball bearing No. 6317 (SK&F) lower side of intermediate body l/c POL & T&P required for fixing of bearing etc complete in all respect .(P# 5)	3	15000/-	Each	45000/-
9/10	s/f taper roller thrust bearing No .7322- B with brass cage l/c grease T&P etc complete in all respect (For -motor)	3	75000/-	Each	225000/-
9/11	S/f ball bearing No 6318 (SK&F) for 65 Kw motor POL & T&P required for fixing of bearing etc complete in all respect	3	25000/-	Each	75000/-
9/12	Mfg./F bearing body bush of C.I l/c turning finishing of bearing body etc complete in all respect	3	8000/-	Each	24000/-
9/13	S/f Taper Roller thrust bearing No. 7318- B with brass cage for upper side of 65KW motor l/c grease T&P etc complete in all respect	3	50000/-	Each	150000/-
9/14	S/f pressure gauge with diaphragm (Germany)	3	20000/-	Each	60000/-
9/15	S/f compound gauge with diaphragm (Germany)	3	25000/-	Each	75000/-

WASA
 WATER & POWER
 HDA
 Hyd.
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9/16	S/F Oil Seal	12	300/-	Each	3600/-
9/17	Repair of N.R valves i/c replacement of worn out parts complete in all respect.	7	25000/-		175000/-
9/18	Repair of Sluice valves i/c replacment of worn out parts complete in all respect.	14	25000/-	Each	350000/-
9/19	Mfg/f impeller made out by stainless steel as per required discharge (10MGD) and head i/c dynamically balancing etc complete in all respect.	7	165000/-	Each	1155000/-
Amount of Non Schedule Item Total Rs.					2827800/-

In Words _____

SCHEDULE-B

**Rewinding of 1250 KVA Transformers at Thandi Sarak Pumping Station WASA, HDA,
Hyderabad (WORK - 10)**

S. #	Item Description	Quantity	Rate	Unit	Amount
10/ 1	Rewinding of 1250 KVA floor mounted 11/0.415 Volts, 50 Cycles High voltage oil impregnated tranformer with full load testing complete in all respect.	2	2400000/-	Each	4800000/-
Amount of Non Schedule Item Total Rs.					4800000/-

In Words _____



SCHEDULE-B

**Rewinding of 190KW clear water vertical Turbines at Thandi Sarak Pumping Station
WASA, HDA, Hyderabad (WORK - 11)**

S. #	Item Description	Quantity	Rate	Unit	Amount
1/1	Repair of impeller assembly i/c S.S welding turning finishing and dynamically balancing etc complet in all respect.	5	55000/-	P.Job	275000/-
1/2	Mfg./f pump shaft made out by stainless steel (SUS 304) i/c turning finishing as per sample.	5	40000/-	P.Job	200000/-
1/3	Mfg./f Shaft protecting sleeve made out stainless steel (SUS 304) i/c moulding turning finishing as per sample.	10	20000/-	Each	200000/-
1/4	Mfg./f lantern ring made out by stainless steel (SUS 304) i/c moulding turning finishing as per sample.	10	12000/-	Each	120000/-
1/5	S/F ball bearing No. 6317 (SK&F) lower side for pump i/c POL & T&P reuired for fixing of bearing (for Pump).	5	15000/-	Each	75000/-
1/6	S/F Taper roller thrust bearing No. 7322-B with brass cage i/c grease T&P etc complete in all respect. (For Pump)	5	75000/-	Each	375000/-
1/7	Mfg./f bearing washer made out by stainless steel (SS41) i/c moulding turning finishing as per sample.	10	5000/-	Each	50000/-
1/8	Mfg./f Gland body bush made out by C.I i/c boring of body etc complete in all respect.	10	8000/-	Each	80000/-
1/9	Mfg./f bearing body bush of C.I i/c turning finishing of bearing body etc complete in all respect.	10	25000/-	Each	250000/-
1/10	S/F Oil Seal.	20	200/-	Each	4000/-
1/11	Repair of N.R valves i/c replacement of worn out parts complete in all respect.	5	50000/-	Each	225000/-
1/12	Repair of Sluice valves i/c replacment of worn out parts complete in all respect.	5	50000/-	Each	250000/-
1/13	Mfg./F impeller made out by stainless steel as per required discharge (5.5MGD) and head i/c dynamically balancing etc complete in all respect.	3	450000/-	Each	1350000/-
Amount of Non Schedule Item Total Rs.					3454000/-

3479000/5

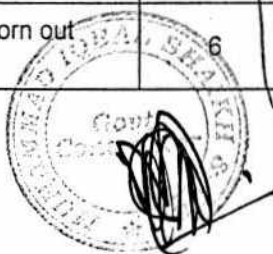
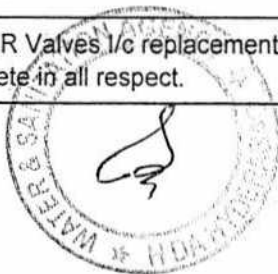
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(71)

SCHEDULE - B






**Repair of 80 KW, 75 KW & 37 KW (DSV-V) Vertical Turbines of Lagoon Pumping Station
NTP, WASA, HDA, Hyd. (WORK-12)**

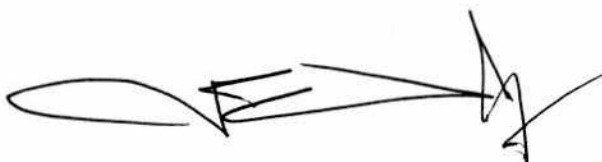

S.#	Item's description	Quantity	Rate	Unit	Amount
12/1	Repair of impeller assembly l/c S.S welding turning finishing and dynamically balancing etc complete in all respect	3	15000/-	P.Job	45000/-
12/2	Mfg./F pump-shaft made out by stainless steel (SUS 304) l/c turning finishing as per sample	3	40000/-	Each	120000/-
12/3	Mfg./F shaft protection sleeve made out stainless steel (SUS 304) l/c moulding turning finishing as per sample.	3	10000/-	Each	30000/-
12/4	Mfg./F lantern ring made out by stainless steel (SUS 304) moulding turning finishing as per sample.	3	5000/-	Each	15000/-
12/5	S/F ball bearing No. 6318 (SK&F) lower side for 80 & 75 KW motor l/c POL & T&P required for fixing of bearing etc complete in all respect.	3	20000/-	Each	60000/-
12/6	S/F ball bearing No. 6212 ZZ (SK&F) lower side for 37 kW motor l/c POL & T&P required for fixing of bearing etc complete in all respect.	2	15000/-	Each	30000/-
12/7	S/F Roller Bearing No. NU 315 (SK&F) upper side for 80 kW & 75KW motor l/c POL & T&P required for fixing of bearing etc complete in all respect.	2	30000/-	Each	60000/-
12/8	S/F ball bearing No. 6315 ZZ (SK&F) lower side for 37 kW motor l/c POL & T&P required for fixing of bearing etc complete in all respect.	3	20000/-	Each	60000/-
12/9	S/F Tapper Roller Thrust Bearing No. 7318-B (SK&F) for 37KW motor l/c POL & T&P required for fixing of bearing etc complete in all respect.	3	60000/-	Each	180000/-
12/10	S/F ball bearing No.6317 (SK&F) lower side for 80 kW & 75 KW & 37 kW pump l/c POL & T&P required for fixing of bearing.	3	15000/-	Each	45000/-
12/11	S/F Tapper Roller Thrust Bearing No. 7322-B with brass cage l/c grease, T&P etc compete in all respect (For 80 & 75 kW pump)	3	75000/-	Each	225000/-
12/12	Mfg./F Gland body bush made out by C.I l/c boring of body etc complete in all respect.	3	2000/-	Each	6000/-
12/13	S/F Pressure gauge with diaphragm (Germany)	10	20000/-	Each	200000/-
12/14	S/F Compound gauge with diaphragm (Germany)	10	25000/-	Each	250000/-
12/15	S/F Oil Seal.	8	300/-	Each	2400/-
12/16	Repair of N.R Valves l/c replacement of worn out parts complete in all respect.	6	20000/-	Each	120000/-



12/17	Mfg./S Impeller for 37KW, 75KW & 37KW made out by stainless steel as per required discharge (10MGD & 5MGD) and head l/c dynamically balancing etc complete in all respect.	5	200000/-	Each	1000000/-
18	Supplying stuff box packing Size 12mm made out by turner.	200	1000/-	P.Kg	200000/-
Amount of Non Schedule Item Total Rs:-					3053400/-
					2648400/-

In Words:- _____

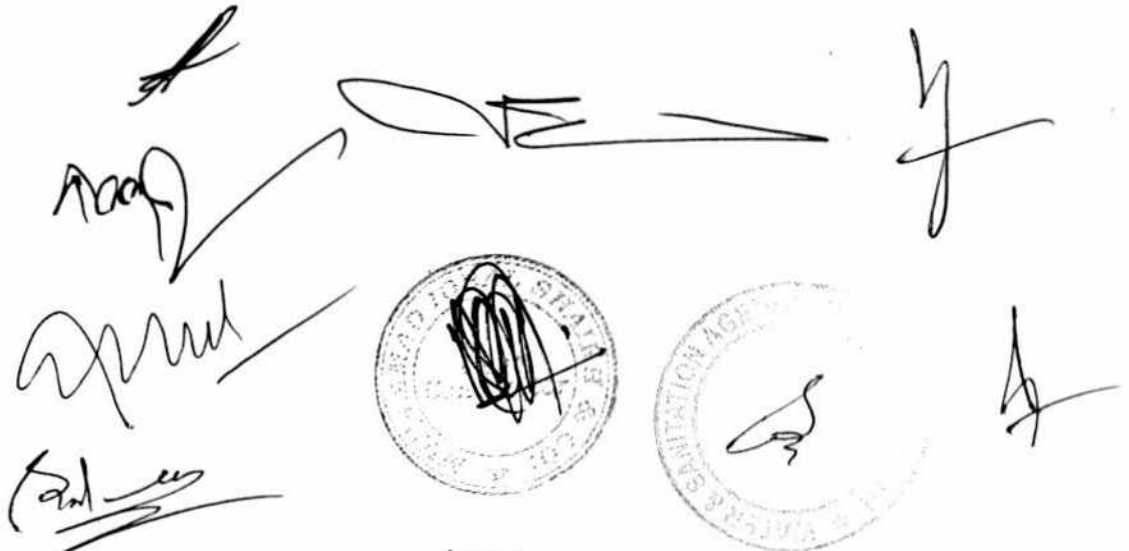
SCHEDULE - B

Repair of 75 KW Air Blowers @ NTP, WASA, HDA, Hyderabad:

(WORK-13)

S.#	Item's description	Quantity	Rate	Unit	Amount
13/1	Repair of starting Rheostate l/c replacement of solid resistance and defective connecting terminals for 3 phase connections etc complete in all respect.	2	250000/-	P.Job	500000/-
13/2	Repair of magnetic moving fixed and auxiliary contacts l/c replacement of damaged/defective parts etc complete in all respect.	4	175000/-	P.Job	700000/-
13/3	General overhauling of air blower l/c replacement of damaged parts also l/c repair of relief and NR valves etc complete in all respect	2	300000/-	P.Job	600000/-
13/4	S./F Flexible power cable as per sample from starting Rheostate to air blower slipring & magnetic starter to Blower l/c cable termination both side etc complete in all respect	3	150000/-	P.Job	450000/- 300000/-
Amount of Non Schedule Item Total Rs:-					2250000/- 2100000/-

In Words:- _____



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SCHEDULE - B

Repair of Filter Beds and Replacement of Filter Media @ NTP WASA, HDA, Hyd.
(WORK-14)

S.#	Item description	Qty	Rate	Unit	Amount
14/1	Taking out filter media from beds washing screening and relaying the same into filter beds to proper level etc complete	30712.50	50/-	Cft	1535625/-
14/2	supplying and stacking at site filter media of rapid gravity filters of predominately coarse size sand (or of other approved quality) of specified effective size uniformly co-efficient screening washing and spreading the same in filter beds to proper level etc complete	46572.45	50/-	Cft	2328622/-
14/3	Supplying and stacking at site stone metal of size 1/8"-1/4" ring (or of other approved quality)l/c screening washing and spreading the same in filter beds to correct level etc complet.	6142.50	50/-	Cft	307125/-
14/4	Mfg/S/F high class fabricated (injection moulded)PVC nozzles l/c upper threaded portion pin holes and feeding line barrel rubber washer cap and pressure rubber etc complete and repair of RCC slab work with epoxy complete in all respect .	4500.00	3000/-	Nos	13500000/-
14/5	Repair of float valve l/c replacement of damage portion and controlling rod this rates also l/c repair of head loss system and back washing system by means of electrical and mechanical complete in all respect	9.00	50000/-	Nos	450000/-
14/6	Cartage of filter media/coarse from umer kot (lead 97 miles) to filter plant Hyderabad at site of work.	52715.00	50/-	Cft	2635750/-
14/7	Repair of auma-accutators/valves for settled and sludge water i/c replacement of gun metal gear and worn out parts i/c miled steel staff as per original design, length and dia at site with C.I holder also i/c the repair of main gate for leakage control in all respect by replacing of gate sheets of G.M etc complete in all respect.	18.00	75000/-	Nos	1350000/-
Total Amount					29107122/-

Total Tender Amount of Rs:-

in Words: _____

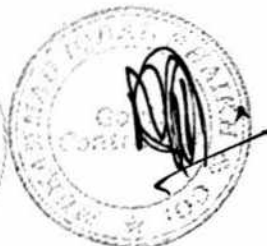
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SCHEDULE - B

Repair of 55 KW Sludge Pumps @ NTP WASA HDA, Hyderabad.



(WORK-15)



S.#	Item description	Quantity	Rate	Unit	Amount
15/1	Mfg./ pump shaft made out by mild steel as per sample l/c turning finishing throwing and dynamically balancing etc complete in all respect	3	15000/-	Each	45000/-
15/2	mfg./F shaft protecting sleeve made out stainless steel l/c moulding turning finishing as per sample	3	5000/-	Each	15000/-
15/3	Mfg./F wear plate made out by SS as per sample	3	10000/-	Each	30000/-
15/4	Mfg./F lantern ring made out by stainless steel (SUS 304)l/c moulding turning finishing as per sample	3	5000/-	Each	15000/-
15/5	S/F ball bearing No 6411 (NTN for lower side of pump l/c POL & T & P required for fixing of bearing etc complete in all respect	4	12000/-	Each	48000/-
15/6	Mfg./f Gland body bush made out C.I l/c boring Of body etc complete in all respect	4	3000/-	Each	12000/-
15/7	Mfg./F impeller (3 wings) made out by Stainless steel as per required dia and head l/c dynamically balancing etc complete in all respect	4	30000/-	Each	120000/-
15/8	Mfg./F bearing body bush made out by S.Sas size and diameter or bored body rtc complete in all respect	4	8000/-	Each	32000/-
15/9	mfg./f bearing body jali bush made out by SS as size and diameter of shaft etc complete in all respect	4	5000/-	Each	20000/-
15/10	Mfg/f bearing body grease plate made out by C.I and drilling holes as per stools size etc complete in all respect	8	5000/-	Each	40000/-
15/11	Mfg./f coupling set made out by C.I as per sample	4	25000/-	Each	100000/-
15/12	S/F Oil seal as shaft dia & grease plate	8	1500/-	Each	12000/-
15/13	Mfg./f pump body studs with nuts made out by M.S as per suction of pump body etc complete in all respect	32	2000/-	Each	64000/-
15/14	Supply & Installation of N.R valves etc complete in all respect	6	75000/-	Each	450000/-
15/15	Supply & Installation of sluice valves etc complete in all respect	12	75000/-	Each	900000/-
15/16	Mfg./F flexible coupling as per sample made out by C.I l/c coupling studs 5/8" dia & nuts etc complete in all respect	12	25000/-	Each	300000/-



15/17	Fabrication / Erection of pump & motor on common base plate on i/c mfg/f of M.s common base plate on RCC foundation complete in all respect as instructed by engineer incharge etc complete in al respect.	4	50000/-	Each	200000/-
17/18	Repair and replacement of damage 8" dia M.S sludge re-circulation line l/c valve repair and 20 meter flexible PVC pipe as per size of valve bail mouth.	1	75000/-	Each	75000/-
19/19	Repair of delivery line RCC structure as per original design (from dead end plate to LPS) as per instructions of engineer Incharge.	1	50000/-	P.Job	50000/-
Amount of Non Schedule Item Total Rs:-					260000/-
					2528000/-

In Word Rs:- _____



16

SCHEDULE - B

Repair of 10 MGD Clarifier @ N.T.P, WASA, HDA, Hyderabad. (WORK-16)

S.#	Item description	Qty	Rate	Unit	Amount
14/1	Repair of clarifier bridge scrapers flaculators and baffle wall by means of replacement of girders scrapers shilling wires of different dia rewinding of burnt electric motors replacement of bearing, repair of control pannel as per standard design, repair of flaculator gears i/c replacement of worn out parts and bearings repairing of sludge recirculation pumps i/c rewinding of burnt motors replacement of M.S Suction pipes and bearings relaping of main bridge and scraper wheel with hard rubber and wheel bearing and mfg/f missing walk way flooring as per original design / replacement of damage / rusted portion of bridge baffle wall also i/c mfg/f and repair of inlet penstock gates and M.S rods and gears with all protective arrangements and S/F PVC sprinkle pipe for alum solution feeding in raw water and replacing of under water structure by new one as per original design and also repair / replacement of work of incoming raw water valves painting the whole structure by approved rust proof paint as per engineer incharge instructions and testing on full load etc complete in all respect this rates also i/c desilting of clarifiers & the lighting arrangement at main clarifier bridge as per original design and shape .	3	2500000/-	Each	7500000/-
Amount of Non Schedule Item Total Rs:-					7500000/-

In Words:- _____



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SCHEDULE - B

Repair of Vaccme Type Chlorinators @ N.T.P , WASA, HDA, Hyderabad.
(WORK-17)

S.#	Item's Description	Qty	Unit	Rate	Amount
17/1	Repair of Vaccme type chlorinator A-71G & other Models i/c replacement of damage/worn out parts i-e Thermostate, Gaskets, V-Notch Variable orifice, diaphragms, copper feed pipes, main feed rate adjuster with allied accessories, coupling screws, pressure gauge, vacuum gauge, Spring, gas pressure reduction valve, alternative needle assembly, body assembly for vacuum valve, pressure vacuum relief valve also Supplying and fixing 2" injector with pressure operated plug shut-off valve and gas flow tube etc complete in all respect.	4.00	Each	200000/-	800000/-
17/2	S/F Stainless steel pipe 5mm dia with 0.50 mm thickness wall sheet For Chlorine Cylinders	20.00	P.M	1500/-	30000/-
17/3	S/F Stainless steel pipe jointers with threaded nipples both side (at one end as per dia of injector and other side as per gas feeding source pannel) with fixing arrangement.	8	Each	15000/-	120000/-
17/4	Mfg/F Stainless steel drum for control of excess liquid control size 6" dia and 1' ft in length i/c two numbers of S.S Socket with nipple at one end as per existing arrangements etc complete in all respect.	2	Each	35000/-	70000/-
17/5	Supplying Gas feeding valves and fixing on manifold with valve cap.	10	Each	75000/-	750000/-
17/6	Supplying of Gas maske with three nos cartridge each.	3	Each	35000/-	105000/-
17/7	Repair of multistage chlorine motive pumps Model MOVI-V-50/7NA complete in all respect.	6	Each	35000/-	210000/-
Amount of Non Schedule Item				Total Rs:-	2085000/-

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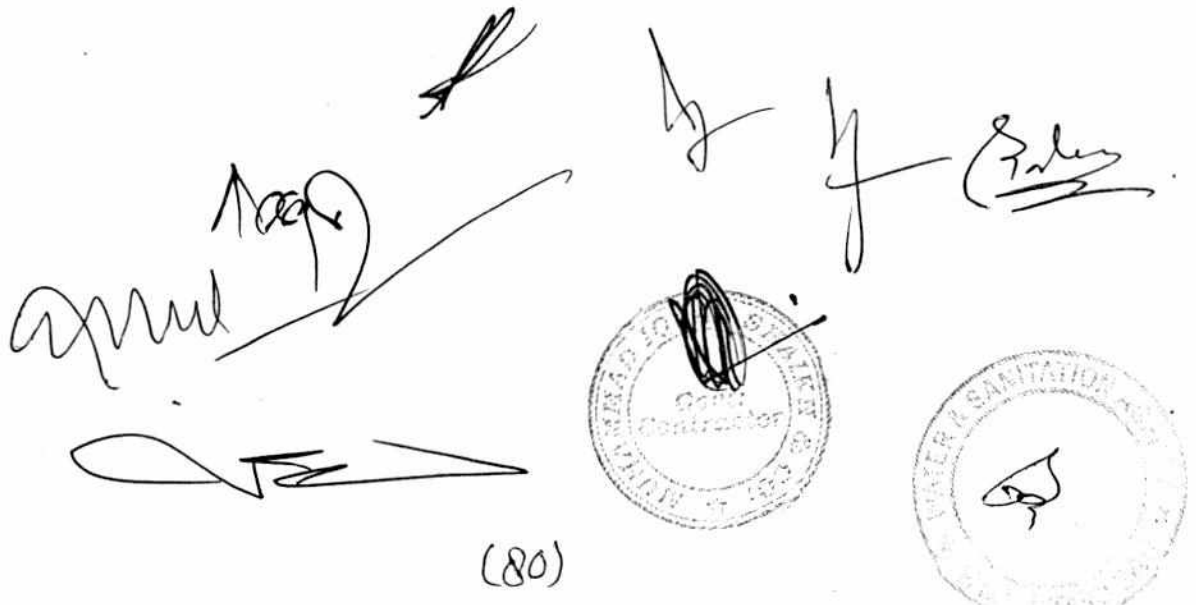
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SCHEDULE - B

Repair of 60 KW Wash Water Pumps @ NTP, WASA, HDA, Hyderabad.
(NORK-18)

S.#	Description	Qty	Rate	Unit	Amount
18/1	Repair of reflex valve i/c replacement of wornout parts i-e shaft/rod stuff sheets and Taflon sheets etc complete in all respect	3	20000/-	P.Job	60000/-
18/2	General overhauling of wash water pumps i/c replacement of damaged parts etc complete in all respect.	2	50000/-	P.Job	100000/-
18/3	Mfg./F hard wooden tray in original design as per length and breath i/c drilling of holes and fixing in alum solution tank as per instruction of engineer incharge also P/F of 0.5x0.5x8.0 RCC slab (4 Slabsin each tank)	3	75000/-	P.Job	225000/-
18/4	S./F Flexible power cable as per sample from starting pannel to Wash water motor i/c cable termination both side etc complete in all respect	3	115000/-	P.Job	345000/-
Amount of Non Schedule Item Total Rs:-					730000/-

In Words:- _____



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SCHEDULE "B"

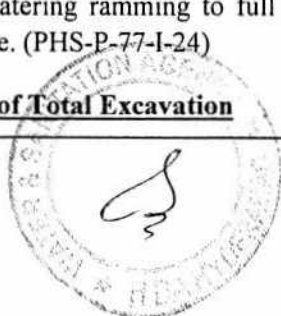
NAME OF WORK:- PROVIDING LAYING JOINTING TESTING 12" DIA RCC ASTM SEWER LINE IN DIFFERENT AREA AT QASIMABAD DIVISION, WASA HDA. (WORK-19)

Name of M/s: - _____

S. No.	Items	Quantity	Rate	Unit	Amount
19/1	Dismantalling and removing road metalling.(Sch. of rates P-14 Item No. 51).	15654.09 Cft	1000/=	P% Cft	156541/=
19/2	Excavation for pipelines and pits in soft soil i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. lead upto ong chain. (PHS-P-60-I-1)	15654.09 Cft	3000/=	P% Cft	46962/=
19/3	Excavation for pipelines in trenches and pits in wet soil clay or mud i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. (1.52 m) and lead upto ong chain. (PHS-P-66-I-14)	31308.17 Cft	3000/=	P% Cft	93925/=
19/4	Excavation for pipelines in trenches and pits in slushy daldaly soils i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. (1.52 m) and lead upto one chain. (PHS-P-67-I-15) ii) 5 to 8 ft depth	2654.09 Cft	3000/=	P% Cft	7962/=
19/5	Bailing or pumping out sub-soil water during excavation concrete cost in cement concrete or masonry work in foundation e.t.c (P.H.S. P/75-1/18)	7962.26 Cft	100/=	P% Cft	7962/=



19/6	Providing & fixing driving open timbering of trenches for depth 10'ft. (PHS-P-76-I-21)	7894.55 Cft	3000/-	P% Cft	236836/-
19/7	Providing laying and jointing RCC ASTM pipe (rubber gasket joints) providing RCC pipe ASTM C-76-62T/C/7670 Class wall B and fixing and trenches including cutting fitting and jointing with rubeer ring including tested with water to specified pressure. (PHS-P-17 I-1 (b)). <u>12" Dia</u>	3250 Rft	800/-	P.Rft	2600000/-
19/8	Cement Concrete work including placing compacting & curring complete including screening & washing of stone agreement without shuttering. (S.O.R-P-16-I-5). <u>i) Ratio 1:3:6</u>	920.50 Cft	12000/-	P% Cft	110460/-
	<u>ii) Ratio 1:2:4</u>	793.76 Cft	16000/-	P% Cft	127002/-
19/9	RCC work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate i/c all kind of forms, moulds, lifting shuttering, curing, rendering and finishing the exposed surface (i/c screening and washing of shingle (a) RCC work in roof slab beam columns walls lintels and other structural member laid in situ or per-cost aid in position complete in all respect in all respect. (S.O.R-P-16-I-6) <u>Ratio 1:2:4</u>	4517.95 Cft	500/-	P.Cft	2258975/-
19/10	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire, i/c removal of rust from bars. (S.O.R-P-17-I-8)	161.36 Cwt	4000/-	P.Cwt	645440/-
19/11	Supplying & fixing C.I main holes cover & frame. (PHS-P-99-I-14).	138.00 Cwt	4000/-	P.Cwt	552000/-
19/12	Manufacturing and supplying of 21" R.C.C manhole cover cast in 1:2:4 concrete ratio 3 inch deep at center, reinforced with 1/2" dia tor steel bars at 4" c/c welded to 3/16" thick 2" wide M.S Plate two hook of 3/8" dia tor bard including compacting i/c curing, and transportation with in 10 miles. (S.O.R (S) P-31 Item-1 (b)	69 Nos.	800/-	Each	55200/-
19/13	Refilling the excavated stuff in trenches 6" thick layers i/c watering ramming to full compaction etc. complete. (PHS-P-77-I-24) <u>Take 90 % of Total Excavation</u>	58743.38 Cft	200/-	P% Cft	11749/-



19/14	Providing and laying crushed bajri bedding 1'.0" thick under the bed of pipe including remanding preparing bed leveling compacting and carriage of material up to site of work etc complete. (R.A Attached)	315.78 Cft	50/=	P.Cft	15789/-
19/15	Removal of Surplus Earth for site of work i/c loading by truck (Led 3 miles). (R.A Attached)	6527.04 Cft	600/=	P% Cft	39162/-
Ttotal Amount of Rs:					6965965/-

Total Tender Amount of Rs:

In Words:-


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SCHEDULE "B"

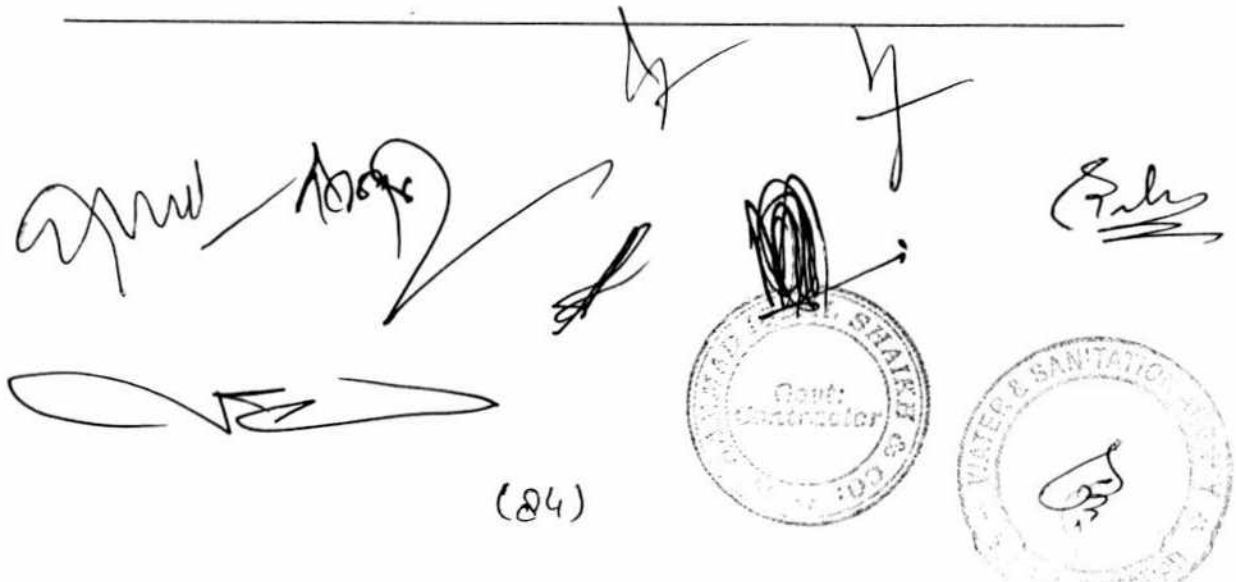
Name of Scheme:- Desilting Qasimabad Sewerage (M)Division, WASA, HDA, Hyderabad (WORK-20)

Name of Agency:- _____

Sr. #	Item	Qty:	Rate	Unit	Amount
29 /1	Cleaning inside sewerage lines completely restoring original silt free space / diameter of pipe lines by labour and equipment (Mechanically / Electrically driven). Including accessories like pulley's Steel rope, bucket and draggers sizing from 6" to 18" dia. The job includes all the hire / cost of equipment and accessories of above winching machine / devices along with / engines with winching drum set having, steel rope pully mounted over it, steel bucket fro 6" to 18" dia hooks and other protection likes Safety barriers, traffic signs, traffic cones ensuring no damage to pipe along with ensuring safety to labour and other public proper / lives and removal of silts / solid during desilting and clearance of site etc. complete as per full satisfaction of site Engineer.				
i)	18" Dia	9000	300/-	P.Rft	2700000/-
ii)	24" Dia	18700	200/-	P.Rft	3740000/-
iii)	36" Dia	5000	300/-	P.Rft	1500000/-
Total Amount of Rs:					7940000/-

Total Tender Amount of Rs; _____

In Words _____



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21

SCHEDULE "B"

NAME OF WORK:- CIVIL WORK AT CITY SEWERAGE (M) DIVISION, WASA, HDA. (WORK-21)

NAME OF M/S:- _____

Sr #	Item / Description	Qty:	Rate	Unit	Amount
21/1	Dismantling and removing road metalling. (Sch. of rates P-14 Item No.				
		26111.92 cft	605/-	P.% cft	157977/-
21/2	Dismantling Cement Concrete reinforced separating reinforcement from concrete cleaning and straightening the same. (Sch. of rates P-10 Item No. 2).				
		288.00 cft	5445/-	P.% cft	15687/-
21/3	Excavation in Foundation of Building Bridges and other Structures i/c dagbelling dressing refilling around strucutre with excavted earth watering & ramming lead upto 5 ft. (S.O.R (G) P-04				
		2105.00 cft	3176/-	P.%o cft	6686/-
21/4	Excavation for pipelines and pits in all kind of soil of murum i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as dir				
	<u>0 to 5 ft Depth</u>	10913.00 cft	4650/-	P.%o cft	50745/-
21/5	Excavation for pipelines and pits in soft soil i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engine				
		40890.17 cft	3600/-	P.%o cft	147207/-
21/6	Excavation for pipelines in trenches and pits in wet soil clay or mud i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth withir, one chain				
	<u>i) 0 to 5 ft Depth</u>	54031.42 cft	5400/-	P.%o cft	291770/-
	<u>ii) 5 to 8 ft Depth</u>	12099.92 cft	5950/-	P.%o cft	71995/-



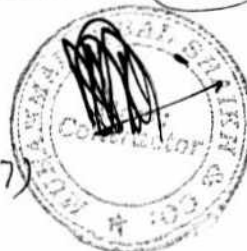
21/7	Excavation for pipelines in trenches and pits in slushy daldaly soils i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within				
21/8	5 to 8 ft Depth	12099.92 cft	11350/-	P.% cft	137534/-
21/8	Bailing or pumping out sub-soil water during excavation concrete cost in cement concrete or masonry work in foundation e.t.c (P.H.S. P/75-1/18)				
21/9	Providing & fixing driving open timbering ot trenches for depth 10'ft. (PHS-P-76-l-	19000.00 cft	543/-	P.% cft	103170/-
21/10	Supplying & Filling New Jute Bage 4 to 5 Cft Capaciyt with sand or earth sewing and laying in position under water. (SOR(G)-P/79-1/3 (b))	9181.28 Sft	2000/-	P% Sft	183625/-
21/11	Providing laying and jointing RCC ASTM pipe (rubber gaskit joints) providing RCC pipe ASTM C-76-62/C/7670 Class wall B and fixing and trenches including cutting fitting and jointing with rubeer ring including tested with water to specified pressure. (PHS	5000.00 Bags	20/-	P.Bag	100000/-
	i) 15" Dia	3850.00 Rft	700/-	P. Rft	2695000/-
	ii) 18" Dia	1000.00 Rft	900/-	P. Rft	900000/-
21/12	iii) 36" Dia	1500.00 Rft	2000/-	P. Rft	3000000/-
21/12	Providing Laying & Fixing in trench i/c fitting jointing & testing etc complete in all respect the high Density Polythylene P.E Pipes (HDPE-100 confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 (PHS-P-25-l-f m)) PN-08				
21/13	200 mm 8" Dia	600.00 Rft	800/-	P-Rft	480000/-
21/13	Cement Concrete work including placing compacting & curring complete including screening & washing of stone agreement without shuttering. (S.O.R-P-16-l-5).				
	i) Ratio 1:4:8	366.25 Cft	11289/-	P. % Cft	41345/-
	(i) Ratio 1:3:6	2041.28 cft	12595/-	P.% Cft	257099/-
21/14	(ii) Ratio 1:2:4	2649.22 cft	14429/-	P % Cft	382262/-
21/14	RCC work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate i/c all kind of forms, moulds, lifting shuttering, curing, rendering and finishing the exposed sur				
	Ratio 1:2:4	7734.29 cft	500/-	P. Cft	3867145/-

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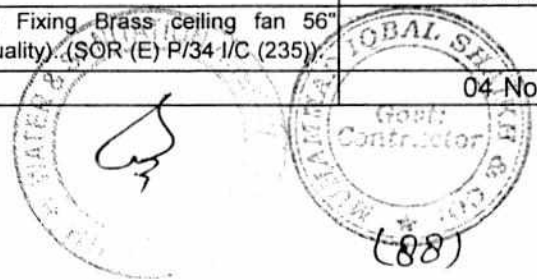


21/15	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire, i/c removal of rust from bars. (S.O.R-P-17-I-8)				
21/16	Pucca Brick Work in Foundation and Plinth Cement Sand Mortor Ratio 1:4 (SOR (G) P/21 I/5 1 (c)).	276.22 cwt	4820/-	P. Cwt	1331402/-
21/17	Providing & laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (SOR (G) P/42 I/16 (d)). (3" Thick)	2926.00 Cft	13227/-	P% Cft	387034/-
21/18	Cement Plaster 1:4 up to 12' Height 3/4" thick. (SOR (G) P/52 I/11 (c)).	1528.00 Sft	4000/-	P% Sft	61120/-
21/19	Making & fixing Steel Grated Door with 1/16" thick sheeting including angle iron frame 2" x 2" x 3/8" and 3/4" square bar @ 4" center to center with locking arrangement. (SOR (G) P/92 I/24).	19063.00 Sft	3000/-	P% Sft	571890/-
21/20	Providing Fixing Iron Steel Grill using solid square bars of size 1/2" x 1/2" placed at 4" c/c i/c frame of flat iron patti of 3/4" x 3/4" i/c circle shape at 1-0 apart equivalent fitted with screws or pins i/c painting 03 coats with 1st coat of red oxide p	668.00 Sft	700/-	P. Sft	467600/-
21/21	Providing and fixing orisa type white or colour galazed earthen ware w.c pan with cost of low level pastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes in wall, plainth & floor and making good in cement concrete	160.00 Sft	200/-	P. Sft	32000/-
With 4" Dia Earthen Ware Trap and Plastic Thumble.					
21/22	Providing and fixing 22" x 16" lavatory basin white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches built into walls, painted white in 2 coats after a primary coat of red lead paint, a pair of 1/2" rubber plug &	04 Nos	6000/-	Each	24000/-
		04 No.	2000/-	Each	8000/-

(87)



21/ 23	Providing laying uPVC Pipe of Class "B" fixing in trench i/c cutting fitting and jointing with solvent cement i/c testing with water to a head of 61 meter or 200 ft. (SOR Volume-III Part III P/23 I/4 (d)).				
21/ 24	6" Dia Providing G.I Pipes, specials and clamps etc. including fixing cutting & fitting complete with the cost of breaking through walls and roof, making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the co	200 Rft	259/=	P.Rft	51800/=
21/ 25	1/2" Dia G.I Pipe Add: extra for concealed G.I Pipe & fitting i/c making recess in the wall for pipe & making good in cement concrete etc complete. (SOR Volume-III Part VB P/12 I/23)	400 Rft	70/=	P.Rft	28000/=
21/ 26	1/2" Dia Wiring for light or fan point with 3/029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (SOR (E) P/15 I/124).	400 Rft	2/=	P.Rft	28000/= 800/=
21/ 27	Wiring for Plug point with 3/029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (SOR (E) P/15 I/126).	32 Points	1000/=	P. Point	32000/=
21/ 28	Priming Coat of Chalk distemper. (SOR (G) P/54 I/23).	20 Points	1000/=	P. Point	20000/=
21/ 29	Distemping. (SOR (G) P/54 I/24).	19063.00 Sft	443/=	P% Sft	84500/=
21/ 30	Painting Old Surfaces (a) Painting corrugated surfaces, patent roofing etc. with oil paint. (ii) Each subsequent coat. (S.O.R (G) P-68 Item-4).	19063.00 Sft	1000/5	P% Sft	190630/=
21/ 31	Providing & fixing circuite breaker 6,10,15,20,30,40,50 & 63 amp SP (TB-5S) on prepared board as required. (SOR (E) P/31 I/203)).	5000.00 Sft	800/=	P% Sft	400000/=
21/ 32	Providing & fixing one way SP 10/15amp switch surface type. (SOR (E) P/33	04 Nos.	1000/=	Each	4000/=
21/ 33	Providing & fixing 125 watts (HPMV) lamp @ the height as per site requirement (SOR (E) P/27 I/170)).	25 Nos.	50/=	Each	1250/=
21/ 34	Providing Fixing Brass ceiling fan 56" (Good Quality). (SOR (E) P/34 I/C (235)).	20 Nos.	500/=	Each	10000/=
		04 Nos.	1000/=	Each	4000/=

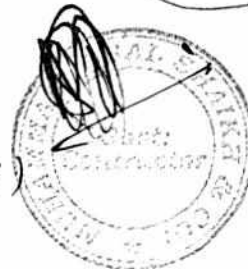


16239066

21/	35	Providing Fixing Brass ceiling fan 18" (Good Quality). (SOR (E) P/34 I/C (236)).				
			04 Nos.	2000/-	Each	8000/-
21/	36	Supplying & fixing C.I main holes cover & frame. (PHS-P-99-I-14). (M)				
			283.50 cwt	6000/-	Per Cwt	1701000/- = 1698000/-
21/	37	Manufacturing and supplying of 21" R.C.C manhole cover cast in 1:2:4 concrete ratio 3 inch deep at center, reinforced with 1/2" dia tor steel bars at 4" c/c welded to 3/16" thick 2" wide M.S Plate two hook of 3/8" dia tor bard including compacting i/c curin				
			1500 Nos.	1000/-	Each	1500000/-
21/	38	Cleaning of Chowked Sewers by Winch Machine of Various diameter restoring is full capacity using labour & suitable equipment & tools like, Spun Rope, Buckets etc. (SOR W/S P/30 I/1).				
		i) 24" Dia	6125.00 Rft	200/30	P. Rft	1225000/-
21/		ii) 36" Dia	10000.00 Rft	300/30	P. Rft	3000000/-
21/	39	Cleaning of under ground sewer by mechanical or manual method taking out waste solids etc. and disposing off within one chain etc complete (without cartage). (SOR Vol-III Part-III P-59 Item T-2)				
			19405.20 Cft	60/-	P. Cft	1164300/-
21/	40	Refilling the excavated stuff in trenches 6" thick layers i/c watering ramming to full compaction etc. complete. (PHS-P-77-I-24)				
		Take 90 % of Total Excavation	140531.72 cft	200/-	P.%o cft	281061/-
21/	41	Providing and laying crushed bajri bedding 1'.0" thick under the bed of pipe including remanding preparing bed leveling compacting and carriage of material up to site of work etc complete. (R.A Attached)				
			19050.00 Cft	50/-	P.Cft	952500/-
21/	42	Providing & filling pit sand in plinth. (R.A Attached)				
			2292.00 Cft	50/-	P. Cft	114600/-
21/	43	Mfg: Supplying & Fixing Wooden man hole cover made out of Kikar wood in two pieces joint with wooden patti with steel nail average size 23" to 26" dia 2 1/2" thick minimum etc complete in all respect. (R.A Attached)				
			1503 Nos.	1000/-	Each	1503000/-
21/	44	Raising of Main Hole 4' ft internal Dia i/c dismantling C.I Frame side R.C.C & reconstruction with all labour & material i/c refixing C.I frame etc complete at site of work. (R.A Attached).				
			100 Nos.	15000/-	Each	1500000/-

28935572

(89)



21/45	Construction of RCC Roof Slab Ratio 1:2:4, 9" thick 5.5' Dia over existing M.H i/c all kind of material such as cement sand, bajri and steel bar as per required using 1/2" Dia steel bars 6" c/c i/c all kind of shuttering moulds and labour finishing curing e				
21/46	De-Silting of RCC Covered Collecting Tank / Sump. (R.A Attached)	100 Nos.	10000/-	Each	1000000/-
21/47	Removal of Surplus Earth for site of work i/c loading by truck (Led 2 miles). (R.A Attached)	11796 Cft	50/-	P 44	589800/-
21/48	Inter Connection of RCC ASTM Pipe with RCC Existing Main Hole i/c all labour charges of dismantling RCC Wall & its fabrication after fixing pipe filling hole with cement sand marter ratio 1:2:4 i/c all arrangement of plug / divert of sewerage water etc	15614.64 cft	100/-	P % cft	15615/-
		50 Nos.	5000/-	Each	250000/-
Total Amount Rs.					3081803/-

30790987/-

Total Tende Amount of Rs:- _____

In Words _____



 Multiple handwritten signatures and stamps are present. On the right, there are two circular official stamps. The first stamp is from the Government of Karnataka, Government Engineer, Bangalore, with a handwritten signature over it. The second stamp is from the Bangalore Water Supply and Sewerage Board, with a handwritten signature inside it.

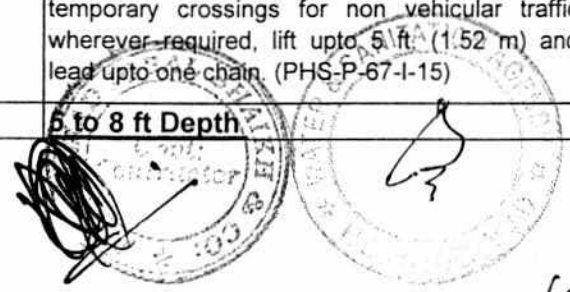
22

SCHEDULE "B"

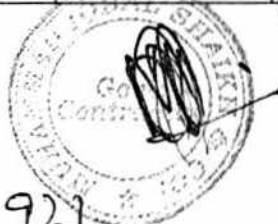
NAME OF WORK:- CIVIL WORK AT LATIFABAD SEWERAGE (M) DIVISION, WASA, HDA. (WORK-22)

NAME OF M/S:-

S.#	Item / Description	Qty:	Rate	Unit	Amount
Part-A Gravity Sewers					
22-A/1	Dismantalling and removing road metalling.(Sch. of rates P-14 Item No. 51).	47320.51			286289.60
		47 cft	605/-	P.% cft	448512/-
22-A/2	Excavation for pipelines and pits in all kind of soil of murum i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. lead upto ong chain. (PHS-P-62-I-5)				179025.0
	<u>0 to 5 ft Depth</u>	58500.0	4650/-	P.% cft	287954/-
22-A/3	Excavation for pipelines and pits in soft soil i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. lead upto ong chain. (PHS-P-60-I-1)				138600/-
	<u>0 to 5 ft Depth</u>	38500 cft	3600/-	P.% cft	222930/-
22-A/4	Excavation for pipelines in trenches and pits in wet soil clay or mud i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. (1.52 m) and lead upto ong chain. (PHS-P-66-I-14)				415800/-
	<u>0 to 5 ft Depth</u>	77000.0cft	5400/-	P.% cft	668795/-
22-A/5	Excavation for pipelines in trenches and pits in slushy daldaly soils i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. (1.52 m) and lead upto one chain. (PHS-P-67-I-15)				61195/-
	<u>5 to 8 ft Depth</u>	5386.92cft	11360/-	P.% cft	64427/-



22-A/	6	Bailing or pumping out sub-soil water during excavation concrete cost in cement concrete or masonry work in foundation e.t.c (P.H.S. P/75-1/18)				
			11960.76 cft	543/-	P.% cft	64947/-
22-A/	7	Providing & fixing driving open timbering of trenches for depth 10'ft. (PHS-P-76-I-21)				1511.78
			1511.78 sft	100/-	P% sft	7374/-
22-A/	8	Providing laying and jointing RCC ASTM pipe (rubber gasket joints) providing RCC pipe ASTM C-76-62T/C/7670 Class wall B and fixing and trenches including cutting fitting and jointing with rubber ring including tested with water to specified pressure. (PHS- P-17 I-1).				4800000/-
		i) 12" Dia	6000.00 Rft	800/-	P. Rft	9000000/-
		ii) 15" Dia	4000.00 Rft	900/-	P. Rft	6023700/360000
		iii) 18" Dia	1000.00 Rft	1000/-	P. Rft	1000000/-
22-A/		iv) 24" Dia	1200.00 Rft	2000/-	P. Rft	2400000/-
22-A/	9	Cement Concrete work including placing compacting & curing complete including screening & washing of stone agreement without shuttering. (S.O.R-P-16-I-5).				269641/-
		Ratio 1:3:6	3080.34 cft	12000/-	P.% Cft	640699/-
22-A/	10	RCC work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate i/c all kind of forms, moulds, lifting shuttering, curing, rendering and finishing the exposed surface (i/c screening and washing of shingle (a) RCC work in roof slab beam columns walls lintels and other structural member laid in situ or per-cost aid in position complete in all respect in all respect. (S.O.R-P-16-I-6)				8535395/-
		Ratio 1:2:4	17070.7 cft	500/- 300/-	P. Cft	14774000/-
22-A/	11	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire, i/c removal of rust from bars. (S.O.R-P-17-I-8)				2438680/00
			609.67 cwt	4000/-	P. Cwt	4228160/-
22-A/	12	Supplying & fixing C.I main holes cover & frame. (PHS-P-99-I-14).				3034560/-
			758.64 cwt	4000/-	Per Cwt	5259800/-
22-A/	13	Refilling the excavated stuff in trenches 6" thick layers i/c watering ramming to full compaction etc. complete. (PHS-P-77-I-24)				36238/-
		Take 90 % of Total Excavation	188188.46 189188.46 cft	200/-	P.% cft	579304/-
22-A/	14	Providing and laying crushed bajri bedding 1'.0" thick under the bed of pipe including remanding preparing bed leveling compacting and carriage of material up to site of work etc complete. (R.A Attached)				1601250/-
			32025 Cft	50/-	P.Cft	2479700/-



22-A/	15	Removal of Surplus Earth for site of work i/c loading by truck (Led 3 miles). (R.A Attached)				40264/-
			20132.05	200/-	P % cft	64367/-
22-B/		Part-B P.E Rising				
	1	Dismantalling and removing road metalling.(Sch. of rates P-14 Item No. 51).				
22-B/			11550.00 cft	605/-	P.% cft	69878/-
	2	Excavation for pipelines and pits in all kind of soil of murum i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. lead upto ong chain. (PHS-P-62-I-5)				
22-B/		0 to 5 ft Depth	15400.00 cft	2000/-	P.%o cft	30800/-
	3	Excavation for pipelines and pits in soft soil i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. lead upto ong chain. (PHS-P-60-I-1)				
22-B/		0 to 5 ft Depth	26950.00 cft	2000/-	P.%o cft	53900/-
	4	Excavation for pipelines in trenches and pits in wet soil clay or mud i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. (1.52 m) and lead upto ong chain. (PHS-P-66-I-14)				
22-B/		0 to 5 ft Depth	23100.00 cft	2000/-	P.%o cft	46200/-
	5	Providing Laying & Fixing in trench i/c fitting jointing & testing etc complete in all respect the high Density Polythylene P.E Pipes (HDPE-100 conforming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 (PHS-P-25-I-f PN-8 m))				
		i) 200 mm 8" Dia	4000.00 Rft	900/-	P-Rft	3600000/-
		ii) 400 mm 16" Dia	200.00 Rft	2700/-	P-Rft	540000/-
		iii) 500 mm 20" Dia	200.00 Rft	5000/-	P-Rft	1000000/-



22-B/

6	Mfg: Supplying & Fixing Black Steel M.S Pipe Made out of M.S Sheet 8.7 mm thick confirming to API 5-L great X-42 spirally welded & externally asphalt coated internally apoxe coated (AWWA Specification) i/c laying & jointing with state welding etc complete. (PHS-P-30-I-G i(d))				
	<u>i) 8" Dia M.S Pipe.</u>	50.00 Rft	1600/-	P. Rft	80000/-
	<u>ii) 16" Dia M.S Pipe.</u>	10.00 Rft	4000/-	P. Rft	40000/-
22-B/	<u>iii) 20" Dia M.S Pipe.</u>	10.00 Rft	5000/-	P. Rft	50000/-
7.	Laying Black Steel Pipes of all types and fixing in trenches i/c cutting, fitting & jointing with welding i/c testing with water to specefied pressure. (PHS P-35-I-2 f)				
	<u>i) 8" Dia M.S Pipe.</u>	50.00 Rft	2/-	P. Rft	100/-
	<u>ii) 16" Dia M.S Pipe.</u>	10.00 Rft	3/-	P. Rft	20/-
22-B/	<u>iii) 20" Dia M.S Pipe.</u>	10.00 Rft	2/-	P. Rft	20/-
8	Refilling the excavated stuff in trenches 6" thick layers i/c watering ramming to full compaction etc. complete. (PHS-P-77-I-24)				
	Take 90 % of Total Excavation				
22-B/		69300.00 cft	200/-	P%o cft	13860/-
9	Removal of Surplus Earth for site of work i/c loading by truck (Led 3 miles). (R.A Attached)				
		7700.00 cft	200/-	P % cft	15400/-
Total Part - A + B Rs.					52248990/- 34543574/-

Total tender Amount of Rs:- _____

In Words _____



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SCHEDULE "B"

Name of work :- P/L/J/T 8" dia P.E /MS pipe lines at Different location of East Wadu Wah
W/S (M) Sub-Division Qasimabad WASA, Hyderabad. (WORK-23)

Name of work :- _____

Sr.No	Item's Description	Qty	Rate	Unit	Amount
23/1	Dismantling and removing road metling.(PHE,SOR,P13,I-51)	5950.0 Cft	Rs 200/-	P%oCft	Rs 11900/-
23/2	Excavation for pipe line in trenches and pits in soft soil l/c trimming road dressing side to true alignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one chain.(PHE P-60 I-1)	11900.0 Cft	Rs 3000/-	P%oCft	Rs 35700/-
23/3	Excavation for pipe line in trenches and pits in wet soil clay or mud l/c trimming road dressing side to true alignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one chain.(PHE,SOR,P-66,I-14)	11900.0 Cft	Rs 3000/-	P%oCft	Rs 35700/-
23/4	Mfg./Supplying black steel MS pipe made out of MS sheet of 6.4 mm thickness confirming to API 5L grade X-42 ERW Externelly bitumen coating with fiber glass (5.0 mm thickness) straight.(PHE, SOR, P 108, I-3)	100.0 Rft	Rs 4860/-	P/Rft	Rs 486000/-
23/5	Providing Laying Jointing & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polythlene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051. (PHE P-25 I-1)	1700.0 Rft	Rs 900/-	P/Rft	Rs 1530000/-
23/6	C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-2, P-97)	1.0 No:	Rs 10000/-	Each	Rs 10000/-
23/7	C.I Tail Piece/Short Piece heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-101, P-9)	1.0 No:	Rs 1000/-	Each	Rs 1000/-



23/

8 Providing & fixing MS splite collar tee on RCC pipe of different size having with as mentioned against each item to suit size connection fabricated with 3/8" thick MS plate exluding the cost of the neck it includes the cost of 3/4" thick MS square bars on both ends, 4 nos 3/4" thick MSflanges, with a total also includers the cost nuts & boths, rubber packing labour and seaing material and all the tools and plants.(PHE (P) P-9 I-9/A)

20"x20"x8" dia (Wight not to be less then 200.0)
18"x18"x8" dia(Wight not to be less then 180.0)

1.0 No: Rs 10000/- Each Rs 10000/-
1.0 No: Rs 10000/- Each Rs 10000/-

23/

9 Providing valve chamber 3 x 2 (915 x 615 mm) inside dimenssion (1372 mm) 4 1/2 deep as per aproved design for sluice valve 3" to 12" dia with 18" (457mm) dia inside cast iron cover and frame (wt=1cwt 3qr) fixed in RCC 1:2:4 (102mm) thick (with 5 lbs steel per cft) 9" (229mm) thick brick masonary walls set in 1:6 cement sand mortar 6" (1152mm) thick C.C. 1:3:6 in foundation 1" (25mm) thick C.C. 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 every one foot beyond 2 1/2 ft depth ,curing,excavation,back filling and disposal of surplus earth etc complete.(PHE,SOR,P-49,I-Q-1)

2.0 Nos Rs 10000/- each Rs 20000/-

23/

10 Refilling the excavated stuff in trenches 6" thick layers i/c watering,ramming in full compaction etc complete.(PHE,SOR,P-77,I-24)

26775.0 Cft Rs 200/- P%oCft Rs 5355/-

23/

11 Supplying and spreading pit sand in trenches for cushion of pipe line.(R.A.Attached).
For 6" and 4" dia lines

5950.0 Cft Rs 1000/- P%oCft Rs 59500/-

23/

12 Interconnection charges for jointing of different dia of water supply pipe lines,this cost i/c excavtion in all kind of soil, timbering where required, de-watering, all T&P and labour etc complete up to the satisfaction of Engineer incharge.(MR)
From 20" to 14"dia

2.0 Job Rs 10000/- P/Job Rs 20000/-
TOTAL AMOUNT Rs. 2235155/-

Total Tender Amount Of Rs:

In Words

[Handwritten signatures and scribbles]

(96)



[Handwritten signatures]

SCHEDULE "B"

Name of work :- **P/L/J/T 6" & 4" dia PVC /MS pipe lines at Different location of East Wadu Wah W/S (M) Sub-Division Qasimabad WASA, Hyderabad. (WORK-24)**

Name of M/S :- _____

Sr.N	Item's Description	Qty	Rate	Unit	Amount
24/0					
24/1	Dismantling and removing road metling.(PHE,SOR,P13,I-51)	6500.0 Cft	Rs 200/-	P%0Cft	Rs 13000/-
24/2	Excavation for pipe line in trenches and pits in soft soil l/c trimming road dressing side to true alignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one chain.(PHE,SOR,P-60,I-1)	6500.0 Cft	Rs 3000/-	P%0Cft	Rs 19500/-
24/3	Excavation for pipe line in trenches and pits in wet soil clay or mud l/c trimming road dressing side to true alignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one chain.(PHE,SOR,P-66,I-14)	13000.0 Cft	Rs 3000/-	P%0Cft	Rs 39000/-
24/4	Mfg./Supplying black steel MS pipe made out of MS sheet of 6.4 mm thickness confirming to API 5L grade X-42 ERW Externelly bitumen coating with fiber glass (5.0 mm thickness) straight.(PHE, SOR, P-108, I-3)	50.0 Rft	Rs 2000/-	P/Rft	Rs 100000/-
	<u>6" dia</u>	50.0 Rft	Rs 1500/-	P/Rft	Rs 75000/-
	<u>4" dia</u>				



(97)

24/ 5 Providing Laying Jointing & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polythlene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051. (PHE P-25 I-1)

PN-08

160 mm

110 mm

24/ 6 C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-2, P-97)

6" dia

4" dia

24/ 7 C.I Tail Piece/Short Piece heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-101, P-9)

6" dia

4" dia

24/ 8 Dead end (PHE,SOR,P-103)

6" dia

4" dia

24/ 9 Providing & fixing MS splite collar tee on RCC pipe of different size having with as mentioned against each item to suit size connection fabricated with 3/8" thick MS plate exluding the cost of the neck it includes the cost of 3/4" thick MS square bars on both ends, 4 nos 3/4" thick MSflanges, with a total also includes the cost nuts & bolts, rubber packing labour and seaing material and all the tools and plants.(PHE (P) P-9 I-9/A)

12"x12"x6" dia (Wight not to be less than 104.86)

12"x12"x4" dia (Wight not to be less than 85.0)

8"x8"x4" dia (Wight not to be less than 82.0)

1100.0	Rft	Rs	700/-	P/Rft	Rs	770000/-
1500.0	Rft	Rs	400/-	P/Rft	Rs	600000/-

1.0	No:	Rs	9000/-	Each	Rs	9000/-
1.0	No:	Rs	6000/-	Each	Rs	6000/-

2.0	No:	Rs	500/-	Each	Rs	1000/-
2.0	No:	Rs	500/-	Each	Rs	1000/-
1.0	No:	Rs	500/-	Each	Rs	500/-
1.0	No:	Rs	500/-	Each	Rs	500/-

1.0	No:	Rs	10000/-	Each	Rs	10000/-
1.0	No:	Rs	10000/-	Each	Rs	10000/-
1.0	No:	Rs	10000/-	Each	Rs	10000/-



24/

10 Providing valve chamber 3 x 2 (915 x 615 mm) inside dimension (1372 mm) 4 1/2 deep as per approved design for sluice valve 3" to 12" dia with 18" (457mm) dia inside cast iron cover and frame (wt=1cwt 3qr) fixed in RCC 1:2:4 (102mm) thick (with 5 lbs steel per cft) 9" (229mm) thick brick masonry walls set in 1:6 cement sand mortar 6" (1152)mm thick C.C. 1:3:6 in foundation 1" (25mm) thick C.C. 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 every one foot beyond 2 1/2 ft depth ,curing,excavation,back filling and disposal of surplus earth etc complete.(PHE,SOR,P-49,I-Q-1)

2.0 Nos Rs 10000/- Each Rs 20000/-

24/

11 Refilling the excavated stuff in trenches 6" thick layers i/c watering,ramming in full compaction etc complete.(PHE,SOR,P-77,I-24)

23400.0 Cft Rs 200/- P%oCft Rs 4680/-

24/

12 Supplying and spreading pit sand in trenches for cushion of pipe line.(R.A.Attached).

6500.0 Cft Rs 1000/- P%oCft Rs 65000/-

24/

13 Interconnection charges for jointing of different dia of water supply pipe lines,this cost i/c excavation in all kind of soil, timbering where required, de-watering, all T&P and labour etc complete up to the satisfaction of Engineer incharge.(MR)

1.0 Job Rs 5000/- P/Job Rs 5000/-
TOTAL AMOUNT Rs 0.00 1759180/-

Total Tender Amount of Rs:- _____
In Words _____

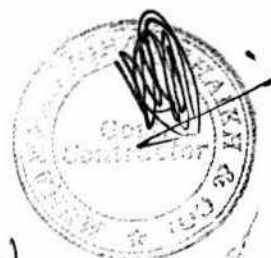
[Handwritten signatures and stamps]
A large handwritten signature is on the left. In the center, there are several smaller signatures and a stamp that says "(99)". On the right, there is a signature above a circular stamp that reads "WATER & SANITATION". Below this is another circular stamp with a signature inside it.

SCHEDULE "B"

Name of work :- P/L/J/T 16" dia MS pipe lines Rising Main From one MGD to Ujala Garden & Installion of Vertical Turbine, 400KVA Transformer at Unit No: 4 Latifabad Hyderabad. (WORK - 25)

Name of M/S:- _____

Sr.N o	Item's Description	Qtty	Rate	Unit	Amount
25/1	Dismantling and removing road metling.(PHE,SOR,P13,I-51)	3900.00	Rs 200/-	P%0Cft	Rs 7800/-
25/2	Excavation for pipe line in trenches and pits in soft soil i/c trimming dressing side to true allignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one chain.(PHE P-60 I-1)	3900.0	Rs 3000/-	P%0Cft	Rs 11700/-
25/3	Excavation for pipe line in trenches and pits in soft soil i/c trimming dressing side to true allignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one chain.(PHE P-66 I-14)	11700.0	Rs 3000/-	P%0Cft	Rs 35100/-



25/4 Mfg./Supplying black steel MS pipe with welding (straight welded) Manufacturing supplying and Fixing Black Steel MS pipe made out MS Sheet confirming to API 5-L grade X42 ERW & externally asphalt coated with fiber glass 5mm thick & internally CC lining 8mm thick (AWWA Specification) i/c laying jointing with helical welding in trench i/c cost of bends of any degree & testing with water specified pressure for different dia of pipe as below (straight) (PHE, SOR, P-30, I-1)
16" dia

1300.0 Rft Rs 5000/- P.Rft Rs 6500000/-

25/5 Providing & Fixing MS Flange made of MS pipe having a thickness & total weight as mention against each item it includes the cost of making holes facing welded nut & bolts, rubber paking with lead fitter cartage etc complete..(PHE, SOR, P-8, I-8)
16" dia

4.0 Each Rs 3000/- Each Rs 12000/-

25/6 C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch.
16" dia

2.0 Each Rs 10000/- Each Rs 20000/-

25/7 Providing & fixing MS splite collar tee on RCC pipe of different size having with as mentioned against each item to suit size connection fabricated with 3/8" thick MS plate exluding the cost of the neck it includes the cost of 3/4" thick MS square bars on both ends, 4 nos 3/4" thick MSflanges, with a total also includes the cost nuts & boths, rubber packing labour and seaing material and all the tools and plants.(PHE (P) P-9 I-9/A)
16"x16"x16" dia

1.0 No; Rs 10000/- Each Rs 10000/-

25/8 Providing fixing/installation commixing & testing 100 BHP Vertical turbines pump with 18'ft head complete set i/c compatible MUC, cashing and other accessories required also icluding taxes etc complete.(MR)

2.0 No; Rs 3600000/- Each Rs 7200000/-



25/9 Providing fixing/installation installation of 400KVA transfor (Round RLC.50 as required and as per instruction of EI) also including taxes etc complete.(MR)

I.O No; Rs 2500000/- Each Rs 2500000/-

25/10 Cabling work for transformer to puping station etc complete. (MR)

I.O job Rs 100000/- Each Rs 100000/-

25/11 Refilling the excavated stuff in trenches 6" thick layers i/c watering,ramming in full compaction etc complete.(PHE,SOR,P-77,I-24)

17550.0 Cft Rs 200/- P%oCft Rs 3510/-

25/12 Disposal of surplus excavated earth from site of work i/c loading by truck etc lead 2 miles (RA)

1950.0 Cft Rs 200/- P%oCft Rs 3900/-
Total Amount of Rs; Rs 1640400/-

Total Tender Amount of Rs: _____

in Words _____

(Handwritten signatures)



(Handwritten signature)

26

SCHEDULE "B"

Name of work :- Interconnection, Manifold, RCC Foundation & MS Pipe for Devlivery, Suction at one Tree Bund, Thokar, Pumping Station Unit No: 4 Latifabad Hyderabad. (WORK-26)

Name of M/S:-

Sr.N	Item's Description	Qty	Rate	Unit	Amount
26/1	Earth work excavation irrigation channel, dranis etc, dressed to designed estion grades and profiles excavated material disposal off and dressed within 50 ft: .(PHE,SOR,P1,I-5)	2400.00	Cft Rs 2000/-	P%oCft Rs	4800/-
26/2	S/Fixing stone for soling .(PHE (M) P-78 I-83)	1200.0	Cft Rs 3000/-	P%oCft Rs	36000/-
26/3	Cement concrete brick or stone ballast 1" & 2" gauge.(G P-15 I-4) Ratio 1:4:8	750.0	Cft Rs 8000/-	P%oCft Rs	60000/-
26/4	Cement concrete plain i/c placing compacting finishing and curing, conlete (I/c screening and washing stone aggregate without shattering (G, P-16, I-5) Ratio 1:2:4	2250.0	Cft Rs 10000/-	P%oCft Rs	225000/-
26/5	Erection and removal of centering RCC or plain cement concrete work of deoder wood (Cement concrete plain i/c placing compacting, finishne-class)(G, P-18, I-19) For partial wood (Vertical)	926.0	Sft Rs 1000/-	P%Sft Rs	9260/-
26/6	Ston pitching hand packed with surface levelled off to the correct section hammer dressed stone and voids filled in 1:8 cement mortar in floors of bridges and along hands and aprons etc i/c three chains lead(G, P-32, I-24)	2250.0	Cft Rs 8000/-	P%oCft Rs	180000/-



26/ 7 Mfg./Supplying black steel MS pipe with welding (straight welded) Manufacturing supplying and Fixing Black Steel MS pipe made out MS Sheet confirming to API 5-L grade X42 ERW & externally asphalt coated with fiber glass 5mm thick & internally CC lining 8mm thick (AWWA Specification) i/c laying jointing with helical welding in trench i/c cost of bends of any degree & testing with water specified pressure for different dia of pipe as below (straight) (PHE, SOR, P-30, I-1)

16" dia 6.4mm thick.

70.0

Rft

Rs

5000/-

P.Rft

Rs

350000/-

18" dia 6.4mm thick.

20.0

Rft

Rs

5600/-

P.Rft

Rs

112000/-

26/ 8 MS black steel MS pipe of MS sheet of 6.4mm thick confirming to API 5L grade X-42 ERW external bitumen coating with fiber glas (5.0mm thick) (straight) (PHE, SOR, (M) P-108, I-3)

8" dia 6.4mm thick.

400.0

Rft

Rs

2000/-

P.Rft

Rs

800000/-

26/ 9 C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch.

8" dia

6.0

Each

Rs

1600/-

Each

Rs

9600/-

26/ 10 C.I Reflex Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-97, P-6)

8" dia

6.0

Each

Rs

8000/-

Each

Rs

48000/-

26/ 11 12 Providing & fixing MS flange made of MS plate having a thickness and total weight as mentioned against each item it includes the cost of making hole, facing welding nuts bolts rubber paking white lead fitte cartage etc complete.(PHE) (P)P-18 I-8/A)

For 8" dia

40.0

No;

Rs

1000/-

Each

Rs

40000/-

Total Amount of Rs:

1874660/-

Total Tender Amount of Rs:-

In Words

Handwritten signatures and stamps. One stamp reads "MURAHAND IDEAL STEEL & METAL WORKS" and another reads "WATER & SANITATION". A handwritten number (109) is visible at the bottom.

SCHEDULE "B"

Name of work :- P/L/J/T 6" & 4" dia PE/MS Water Supply pipe lines at Different Areas in Latifabad Hyderabad. (WORK-27)

Name of M/S :- _____

Sr.N	Item's Description	Qty	Rate	Unit	Amount
27/0	Dismantling and removing road metling.(PHE,SOR,P13,I-51)	43000.00	Rs 200/-	P%0Cft	Rs 86000/-
27/2	Excavation for pipe line in trenches and pits in soft soil i/c trimming dressing side to true allignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one chain.(PHE P-60 I-1)	43000.0	Rs 3000/-	P%0Cft	Rs 129000/-
27/3	Excavation for pipe line in trenches and pits in wet soil i/c trimming dressing side to true allignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one chain.(PHE P-66 I-14)	81000.0	Rs 3000/-	P%0Cft	Rs 243000/-
27/4	Providing Laying Jointing & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polythlene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051. (PHE P-25 I-1)				
	<u>PN-08</u>				
	160 mm	5500.0	Rft Rs 700/-	P.Rft	Rs 3850000/-
	110 mm	16000.0	Rft Rs 400/=	P.Rft	Rs 6400000/=



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27/ 5 Mfg./Supplying black steel MS pipe made out of MS sheet of 6.4 mm thickness confirming to API 5L grade X-42 ERW Externelly bitumen coating with fiber glass (5.0 mm thickness) straight.(PHE, SOR, P-108, I-3)

6" dia

4" dia

27/ 6 C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-2, P-97)

6" dia

4" dia

27/ 7 C.I Tail Piece/Short Piece heavy pattern test pressure 21.0Kg or 300lbs/sq.inch.

Imported.(PHE, SOR, I-2, P-97)

6" dia

4" dia

27/ 8 Providing & fixing MS splite collar tee on RCC pipe of different size having with as mentioned against each item to suit size connection fabricated with 3/8" thick MS plate exluding the cost of the neck it includes the cost of 3/4" thick MS square bars on both ends, 4 nos 3/4" thick MSflanges, with a total also includers the cost nuts & boths, rubber packing labour and seaing material and all the tools and plants.(PHE (P) P-9 I-9/A)

4"x4"x4" dia (wight not to be less) then 25.0 kgs

6"x6"x4" dia (wight not to be less) then 30.0 kgs

27/ 10 Refilling the excavated stuff in trenches 6" thick layers i/c watering,ramming in full compaction etc complete.(PHE,SOR,P-77,I-24)

27/ 9 Interconnection charges for jointing of different dia of water supply pipe lines,this cost i/c excavtion in all kind of soil, timbering where required, de-watering, all T&P and labour etc complete up to the satisfaction of Engineer incharge.(MR)

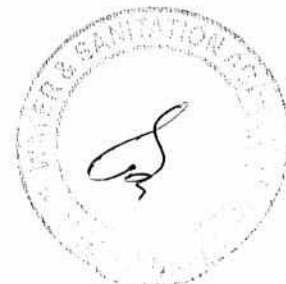
700.0	Rft	Rs	2000/-	P.Rft	Rs	1400000/-
700.0	Rft	Rs	1000/-	P.Rft	Rs	700000/-

20.0	Each	Rs	9000/-	Each	Rs	180000/-
20.0	Each	Rs	5000/-	Each	Rs	100000/-

40.0	Each	Rs	500/-	Each	Rs	20000/-
40.0	Each	Rs	500/-	Each	Rs	20000/-

20.0	No;	Rs	2000/-	Each	Rs	40000/-
20.0	No;	Rs	2000/-	Each	Rs	40000/-

150300.0	Cft	Rs	200/-	P%oCft	Rs	30060/-
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From 12" to 4"









40.0 No; Rs 1000/- Each Rs 40000/-

27/11 Disposal of surplus earth 10 of total excavation (R.A.Attached).

16700.0 Cft Rs 200/- P% Cft Rs 33400/-
Total Amount Rs 13311460/-

Total Tender Amount of Rs: _____


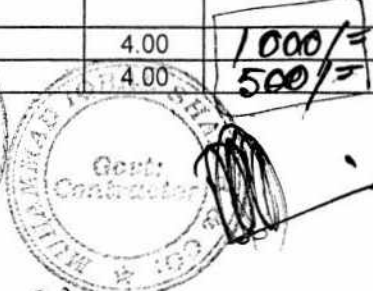
In Words _____

SCHEDULE - B

Providing Laying Jointing 24" Dia M.S Rising Main For Fort Hill (WORK-28)

S.No	Item Description	Qty	Rate	Unit	Amount
28/1	Dismantling cement concrete plain 1;2;4 Sch; P.10 I.No 19(c).	600.00	Free	%Cft	—
28/2	Excavation for pipe line in trenches, and pits in soft soil i/c trimming and dressing sides to true alignment trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as direct by engineer in charge providing fence guard, light flags and temporary crossing for no vehicular traffic where ever required lift up to 5 ft. (1.52m) and lead up to one chain (30.5m) Sch" P.No 66 I.No 14.	9040.00	3000/-	%0Cft	27120/-
28/3	Excavation for pipe line in trenches, and pits in wet soil clay or mud i/c trimming and dressing sides to true alignment trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as direct by engineer in charge providing fence guard, light flags and temporary crossing for no vehicular traffic where ever required lift up to 5 ft. (1.52m) and lead up to one chain (30.5m) Sch;P.No 60 I. No 1.	1200.00	3000/-	%0Cft	3600/-
28/4	Manufacturing, supplying & fixing black steel M.S pipe made out of M.S sheet conforming to API 5L grade X- 42 Spirally Welded & Externally asphalt coated with fiber glass 5mm thick (3 Layers) internally C.C Lining 8mm thick (AWWA specification) i/c laying jointing with Helical welding in trenches i/c cost of bends of any degree & testing with water specified pressure for different dia of pipes as below; Spirally welded) She; P.No 32 I.No.1				
	IV (b) 24" dia 7.1mm thick .	440.00	8000/=	P.Rft	3520000/-
	V (a) 30" dia 8.74mm thick .	30.00	12000/=	P.Rft	360000/-
	I (a) 10" dia 5.6mm thick.	30.00	2800/=	P.Rft	84000/-
28/5	Jointing C.I/M.S flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts, bolts with washers etc, and other tools required for jointing and testing the joints to the specified pressure etc complete. Sch; P.No.40 I.No: 1.				
	(p)750mm(30" dia)	4.00	1000/-	P.Joint	4000/-
	(n)600mm(24" dia)	4.00	500/-	P.Joint	2000/-

	(g)250mm(10" dia)	6.00	500/-	P.Joint	3000/-
28/6	Providing & fixing M.S. flange made out of M.S. plate having a thickness and total weight as mentioned against each item it indicates the cost of making holes. Facing welding , nuts, bolts , rubber packing white lead fitter, cartage etc complete. Sch; P.No 8 I.No.8				
	(p)750mm(30" dia)	2.00	10000/-	Each	20000/-
	(n)600mm(24 dia)	6.00	10000/-	Each	60000/-
	(e)250mm(10"dia)	20.00	3000/-	Each	60000/-
29/7	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). Sch; P.No 16 I No 5.				
	(j) ratio 1;4;8	200.00	10000/-	%Cft	200000/-
28/8	(f) ratio 1;2;4	400.00	12000/-	%Cft	480000/-
	Supplying and fixing Sluice valve (H.D) for 24" dia	1.00	200000/-	Each	200000/-
28/9	for 10" dia	6.00	50000/-	Each	300000/-
	Supplying and fixing N/R reflex valve (H.D) for 10" dia	6.00	10000/-	Each	60000/-
28/10	providing chamber 3 3/4' * 3 1/2' (1143*1067mm) inside dimension 8' (2.44 meter) deep as per approved design for sluice valve 27" to 30" dia with 30" dia in side cast iron cover and frame (wt=3 cwt) fixed in RCC 1;2;4 slab 6" thick (with 5 Lbs steel per cft) 9" (29 mm) thick burnt brick masonry wall set in 1;6 cement mortar 6" thick cement concrete 1;3;6 in foundation 1" thick cement concrete 1;2;4 flooring 1/2" thick cement concrete 1;2;4 flooring 1/2" 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 curing, excavation back filling and disposal of surplus earth etc complete Sch; P.No 51 I No.5.	1.00	15000/-	Each	15000/-
28/11	Rifling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete Sch' P No.77 I No.24.	10240.00	200/-	%0Cft	20480/-

(109)



28/12	Making hole in existing pump house doubly reinforced wall ratio 1; 1 1/2; 2 1/2 manully for crossing of 24" dia MS water supply line. Size of hole 30"/30"/30" av , this rates i/c all charges for skilled labour such as chisseler & gas cutter operator & all T&P required to complete the job etc complete in all respect. (RAA)	1.00	2000/-	P.Job	2000/-
28/13	Labour charges for making inter connection between existing and proposed PE line this rates include all charges for material, labor, T&P required also include charges for de-watering of the laying and trench water and testing the same for leak proof operation etc complete in all respect. MR (RAA)				
	for 10" dia	6.00	1000/-	P.Job	6000/-
	for 24" dia	2.00	1000/-	P.Job	2000/-
	for 30" dia	1.00	1000/-	P.Job	1000/-
Total Amount					4799768/-

Total Tender Amount of Rs:-

in Words: _____



 The section contains several handwritten signatures and two official stamps. One stamp is circular with the text "MUNICIPAL WATER & SANITATION DEPARTMENT" and "Const. Contractor". The other stamp is circular with the text "WATER & SANITATION DEPARTMENT" and "H.D. & S.E. DEPARTMENT".

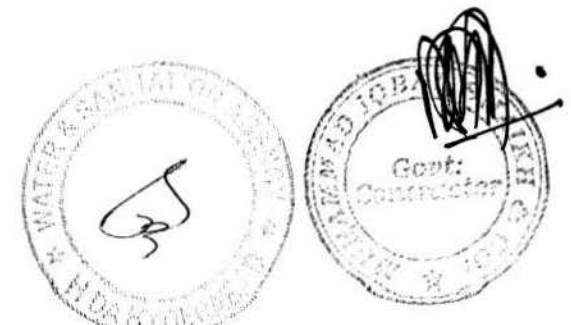
SCHEDULE "B"

Name of work :- P/L/J/T 4" dia P.E /MS pipe lines at Different location of Hirabad W/S (M) Sub-Division City WASA, Hyderabad. (WORK-29)

Name of M/S :- _____

Sr.N o	Item's Description	Qty	Rate	Unit	Amount
29/1	Dismantling and removing road metling.(PHE,SOR,P13,I-51)	7500.00	Cft	Rs 200/-	P% Cft Rs 15000/-
29/2	Excavation for pipe line in trenches and pits in soft rock by hammering and chieslling where blasting is not practicable or prohabled i/c trimming dressing side to true allignment and shape levelling of beds of trenches to correct level and grade cuttin (PHE P-62 I-6)	22500.0	Cft	Rs 9000/-	P%0Cft Rs 202500/-
29/3	Mfg./Supplying black steel MS pipe made out of MS sheet of 6.4 mm thickness confirming to API 5L grade X-42 ERW Externelly bitumen coating with fiber glass (5.0 mm thickness) straight.(PHE, SOR, P-108, I-3)	50.0	Rft	Rs 2000/-	P.Rft Rs 100000/-
29/4	6" dia 4" dia Providing Laying Jointing & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polythlene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051. (PHE P-25 I-1)	100.0	Rft	Rs 1500/-	P.Rft Rs 150000/-
29/5	PN-08 110 mm C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-2, P-97)	3000.0	Rft	Rs 400/-	P.Rft Rs 1200000/-
	12" dia	2.0	Each	Rs 18000/-	Each Rs 36000/-
	10" dia	1.0	Each	Rs 10000/-	Each Rs 10000/-
	9" dia	2.0	Each	Rs 8000/-	Each Rs 16000/-
	6" dia	1.0	Each	Rs 8000/-	Each Rs 8000/-
	4" dia	10.0	Each	Rs 5000/-	Each Rs 50000/-

(111)



29/6 C.I Tail Piece/Short Piece heavy pattern

test pressure 21.0Kg or 300lbs/sq.inch.

Imported.(PHE, SOR, I-101, P-9)

4" dia

Joints C.I / M.S flanged pipece and specials flanged and inside a trench i/c supply rubber paking of the required thickness nuts, bolt with washers etc and other tools required for jointing and +csting the joints to the specified pressure etc complete (PHE P-40 I-B)

20.0 Each

Rs 500/-

Each

Rs 10000/-

29/7

For 4" Dia

8 Providing & fixing MS splite collar tee on RCC pipe of different size having with as mentioned against each item to suit size connection fabricated with 3/8" thick MS plate exluding the cost of the neck it includes the cost of 3/4" thick MS square bars on both ends, nos 3/4" thick MS flanges, with a total also includes the cost nuts & boths, rubber packibg labour and seaing material and all the tools and plants (PHE P-9 P-9)

20.0 Joint

Rs 50/-

P/Joint

Rs 1000/-

12"x12"x10" dia (wight not to be less) then 104.860 kgs

12"x12"x6" dia (wight not to be less) then 100 kgs

10"x10"x6" dia (wight not to be less) then 90.0 kgs

6"x6"x4" dia (wight not to be less) then 30.0 kgs

2.0 No;

Rs 10000/-

Each

Rs 20000/-

1.0 No;

Rs 10000/-

Each

Rs 10000/-

2.0 No;

Rs 10000/-

Each

Rs 20000/-

10.0 No;

Rs 5000/-

Each

Rs 50000/-



29/9 Providing valve chamber 3 x 2 (915 x 615 mm) inside dimension (1372 mm) 4 1/2 deep as per approved design for sluice valve 3" to 12" dia with 18" (457mm) dia inside cast iron cover and frame (wt=1cwt 3qr) fixed in RCC 1:2:4 (102mm) thick (with 5 lbs steel per cft) 9" (229mm) thick brick masonry walls set in 1:6 cement sand mortar 6" (152mm) thick C.C. 1:3:6 in foundation 1" (25mm) thick C.C. 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 every one foot beyond 2 1/2 ft depth ,curing,excavation,back filling and disposal of surplus earth etc complete.(PHE,SOR,P-49,I-Q-1)

29/10 Refilling the excavated stuff in trenches 6" thick layers i/c watering,ramming in full compaction etc complete.(PHE,SOR,P-77,I-24)

29/11 Supplying and spreading pit sand in trenches for cushion of pipe line.(R.A.Attached).

29/12 Interconnection charges for jointing of different dia of water supply pipe lines,this cost i/c excavation in all kind of soil, timbering where required, de-watering, all T&P and labour etc complete up to the satisfaction of Engineer incharge.(MR)
From 12" to 4"

16.0 No; Rs 10000/- Each Rs 160000/-

27000.0 Cft Rs 200/- P%oCft Rs 5400/-

7500.0 Cft Rs 1500/- P%oCft Rs 112500/-

15.0 No; Rs 5000/- Each Rs 75000/-
TOTAL AMOUNT OF Rs 2251400/-

Total Tender Amount of Rs:-

In Words

Handwritten signatures and stamps. Includes a circular stamp for 'WARD 11, MUMBAI' and another for 'WATER & SANITATION AGENCY, KADAPUR'. There are also handwritten numbers like '(113)' and various scribbles.

SCHEDULE.

Name of work :- P/L/J/T 6" & 4" dia P.E /MS pipe lines at Different location of Gari Khata W/S (M) Sub-Division City WASA, Hyderabad. (WORK-30)

Name of M/S :- _____

Sr.N	Item's Description	Qty	Rate	Unit	Amount
30/1	Dismantling and removing road metling.(PHE,SOR,P13,I-51)	8750.00	Cft Rs 200/-	P% Cft	Rs 17500/-
30/2	Excavation for pipe line in trenches and pits in soft rock by hammering and chieslling where blasting is not practicable or prohabled i/c trimming dressing side to true alignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one chain.(PHE,SOR,P-62,I-6)	26250.0	Cft Rs 8000/-	P% Cft	Rs 210000/-
30/3	Mfg./Supplying black steel MS pipe made out of MS sheet of 6.4 mm thickness confirming to API 5L grade X-42 ERW Externelly bitumen coating with fiber glass (5.0 mm thickness) straight.(PHE, SOR, P-108, I-3)	200.0	Rft Rs 2000/-	P.Rft	Rs 400000/-
30/4	6" dia	100.0	Rft Rs 1500/-	P.Rft	Rs 150000/-
	4" dia	1000.0	Rft Rs 700/-	P.Rft	Rs 700 000/-
	PN-08	2500.0	Rft Rs 400/-	P.Rft	Rs 1000 000/-
	160 mm				
	110 mm				



30/5 C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-2, P-97)
6" dia

1.0 Each Rs 9000/- Each Rs 9000/-
3.0 Each Rs 5000/- Each Rs 15000/-

30/6 C.I Tail Piece/Short Piece heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-2, P-97)

2.0 Each Rs 500/- Each Rs 1000/-
6.0 Each Rs 500/- Each Rs 3000/-

30/7 Providing & fixing MS splite collar tee on RCC pipe of different size having with as mentioned against each item to suit size connection fabricated with 3/8" thick MS plate excluding the cost of the neck it includes the cost of 3/4" thick MS square bars on both ends, 4 nos 3/4" thick MS flanges, with a total also includes the cost nuts & bolts, rubber packing labour and seaing material and all the tools and plants.(PHE (P) P-9 I-9/A)

12"x12"x6" dia (wight not to be less) then 104.860 kgs

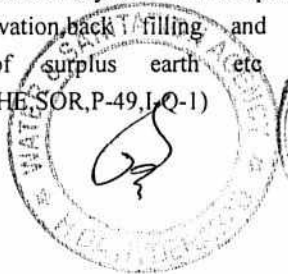
12"x12"x4" dia (wight not to be less) then 85 kgs

8"x8"x6" dia (wight not to be less) then 70.0 kgs

6"x6"x4" dia (wight not to be less) then 30.0 kgs

1.0 No; Rs 10000/- Each Rs 10000/-
1.0 No; Rs 10000/- Each Rs 10000/-
1.0 No; Rs 10000/- Each Rs 10000/-
1.0 No; Rs 5000/- Each Rs 5000/-

30/8 Providing valve chamber 3 x 2 (915 x 615 mm) inside dimension (1372 mm) 4 1/2 deep as per aproved design for sluice valve 3" to 12" dia with 18" (457mm) dia inside cast iron cover and frame (wt=1cwt 3qr) fixed in RCC 1:2:4 (102mm) thick (with 5 lbs steel per cft) 9" (229mm) thick brick masonry walls set in 1:6 cement sand mortar 6" (1152)mm thick C.C. 1:3:6 in foundation 1" (25mm) thick C.C. 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 every one foot beyond 2 1/2 ft depth ,curing,excavation,back filling and disposal of surplus earth etc complete.(PHE,SOR,P-49,I-Q-1)



4.0 No; Rs 10000/- Each Rs 40000/-

30/9 Refilling the excavated stuff in trenches 6" thick layers i/c watering, ramming in full compaction etc complete. (PHE, SOR, P-77, I-24)

31500.0 Cft Rs 200/- P% Cft Rs 6300/-

30/10 Supplying and spreading pit sand in trenches for cushion of pipe line. (R.A. Attached).

8750.0 Cft Rs 1500/- P% Cft Rs 131250/-

30/11 Interconnection charges for jointing of different dia of water supply pipe lines, this cost i/c excavation in all kind of soil, timbering where required, dewatering, all T&P and labour etc complete up to the satisfaction of Engineer incharge. (MR)
From 12" to 4"

3.0 No: Rs 5000/- Each Rs 15000/-
TOTAL AMOUNT OF Rs 2733050/-

Total Tender Amount of Rs:- _____

In Words _____

[Handwritten signatures and stamps]
A circular stamp reads "HEAD LOCAL SHAIKH" and "Genl. Contractor".
Another circular stamp reads "WATER & SANITATION AGENT" and "HDA INTERMEDIATE".
A signature "S. Sule" is written below the stamps.

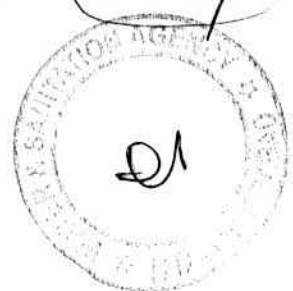
SCHEDULE "B"

Name of work :-

P/L/J/T 12", 8", 6" & 4" dia P.E /MS pipe lines at Different location of Preetabad W/S (M) Sub-Division City WASA, Hyderabad. (INDRIL - 31)

Name of M/S :-

Sr.N ^o	Item's Description	Qty	Rate	Unit	Amount
31/1	Dismantling and removing road metting. (PHE, SOR, P13, I-51)	16750.00	Rs 300/-	P% Cft	Rs 33500/-
31/2	Excavation for pipe line in trenches and pits in soft soil i/c trimming dressing side to true allignment and shape levelling of beds of trenches to correct level and grade cutting joints, holes and disposal of surplus earth with in one chain as directed by Engineering incharge, providing fence gaurd, lights, flags and temporary crossing for non vehicullar traffic wherever required. Lift up to 5 ft lead up to one chain. (PHE P-60 I-1)	16750.00	Rs 3000/-	P% Cft	Rs 50250/-
31/3	Excavation for pipe line in trenches and pits in wet soil i/c trimming dressing side to true allignment and shape levelling of beds of trenches to correct level and grade cutting joints, holes and disposal of surplus earth with in one chain as directed by Engineering incharge, providing fence gaurd, lights, flags and temporary crossing for non vehicullar traffic wherever required. Lift up to 5 ft lead up to one chain. (PHE P-66 I-14)	33500.00	Rs 3000/-	P% Cft	Rs 100500/-
31/4	Mfg./Supplying black steel MS pipe made out of MS sheet of 6.4 mm thickness confirming to API 5L grade X-42 ERW Externelly bitumen coating with fiber glass (5.0 mm thickness) straight. (PHE, SOR, P-108, I-3)	50.0 Rft	Rs 4000/-	P.Rft	Rs 200000/-
	12" dia	250.0 Rft	Rs 2800/-	P.Rft	Rs 700000/-
	8" dia				



31/5	6" dia	200.0 Rft	Rs 1800/-	P.Rft	Rs 360000/-
	4" dia	100.0 Rft	Rs 1000/-	P.Rft	Rs 100000/-

Providing Laying Jointing & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polythlene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051. (PHE P-25 I-1)

31/6	PN-08	3000.0 Rft	Rs 2000/-	P.Rft	Rs 6000000/-
	315 mm	600.0 Rft	Rs 900/-	P.Rft	Rs 540000/-
	200 mm	600.0 Rft	Rs 500/-	P.Rft	Rs 300000/-
	160 mm	2500.0 Rft	Rs 300/-	P.Rft	Rs 750000/-
	110 mm				

31/7	C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-2, P-97)	12" dia	2.0 Each	Rs 78000/-	Each	Rs 156000/-
	8" dia	1.0 Each	Rs 10000/-	Each	Rs 10000/-	
	6" dia	1.0 Each	Rs 8000/-	Each	Rs 8000/-	
	4" dia	3.0 Each	Rs 5000/-	Each	Rs 15000/-	
	C.I Tail Piece/Short Piece heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-101, P-9)	12" dia	4.0 Each	Rs 1000/-	Each	Rs 4000/-

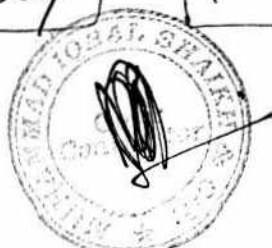
31/8	8" dia	2.0 Each	Rs 1000/-	Each	Rs 2000/-
	6" dia	2.0 Each	Rs 500/-	Each	Rs 1000/-
	4" dia	3.0 Each	Rs 500/-	Each	Rs 1500/-
	Providing & fixing MS splite collar tee on RCC pipe of different size having with as mentioned against each item to suit size connection fabricated with 3/8" thick MS plate exluding the cost of the neck it includes the cost of 3/4" thick MS square bars on both ends, 4 nos 3/4" thick MS flanges, with a total also includes the cost nuts & boths, rubber packing labour and seaing material and all the tools and plants.(PHE (P) P-9 I-9/A)				

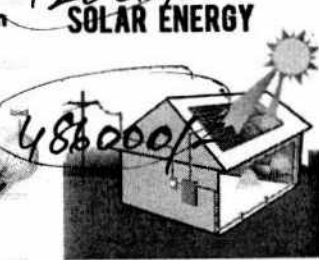
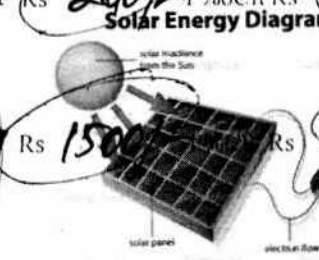
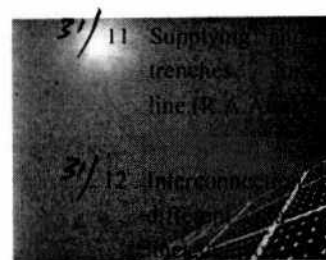
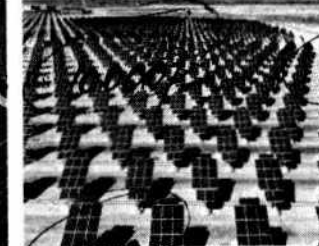
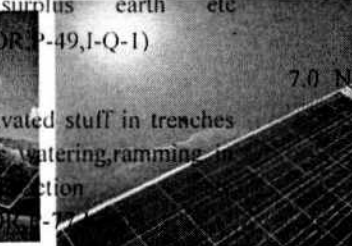
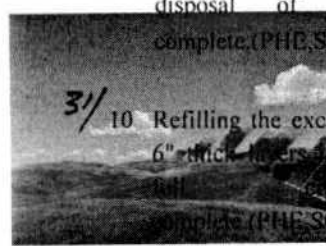
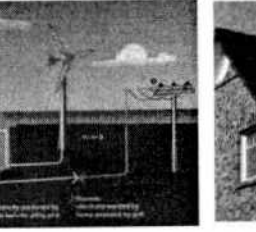
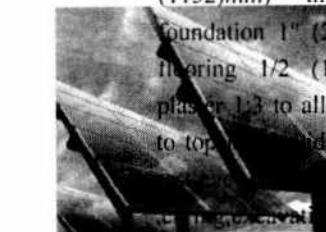
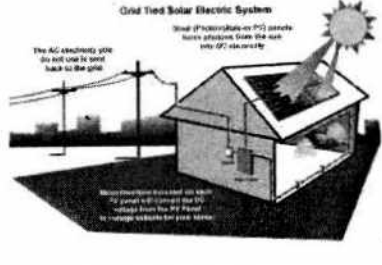
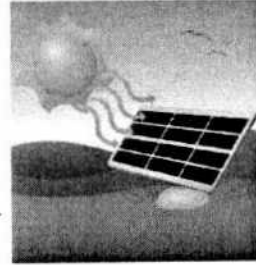
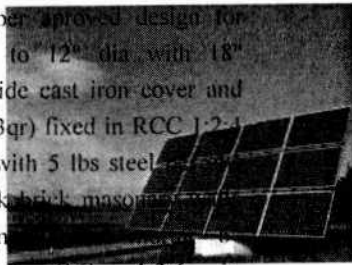
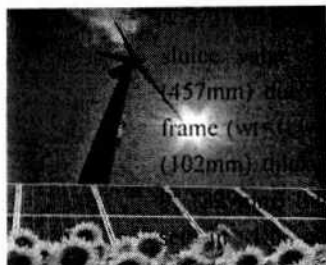
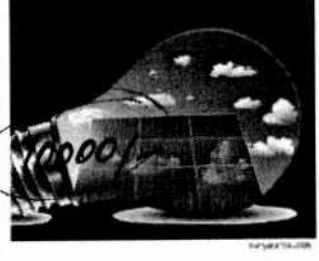
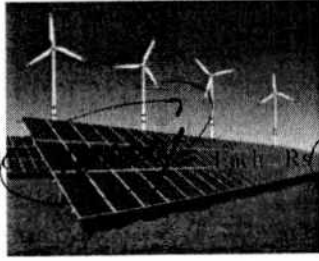
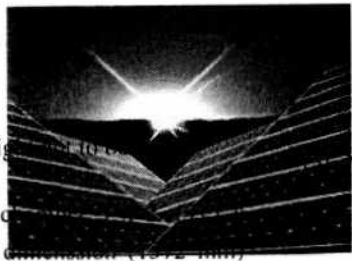
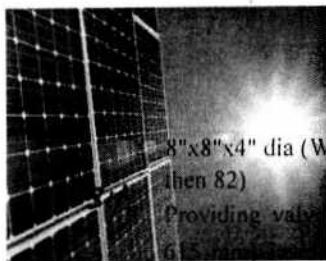


12"x12"x6" dia (Wight not to be less then 104.860)

1.0 No;	Rs 10000/-	Each	Rs 10000/-
1.0 No;	Rs 10000/-	Each	Rs 10000/-
1.0 No;	Rs 10000/-	Each	Rs 10000/-

12"x12"x4" dia (Wight not to be less then 85)	1.0 No;	Rs 10000/-	Each	Rs 10000/-
8"x8"x6" dia (Wight not to be less then 70.0)	1.0 No;	Rs 10000/-	Each	Rs 10000/-





soil, timbering where required, de-watering, all T&P and labour etc complete up to the satisfaction of Engineer incharge.(MR)
From 12" to 4"

2.0 No; Rs 5000/- Each Rs 10000/-
Total Amount of Rs 9909810/-
9949810/-

Total Tender Amount of Rs:

In Words

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Replacement of 16" dia twin MS pipe line at H.S.R No: 2 Qila Pumping Station and 9" dia C.I Pipe with 10" dia MS Fort wall Gari Khata W/S (M) Sub-Division City WASA, Hyderabad (WORK-32)

Name of work :-

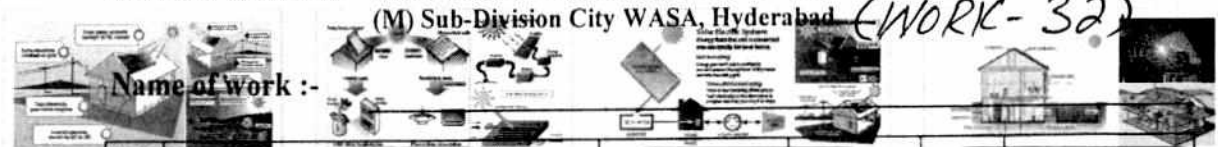


Diagram	Sr.N	Item Description	How	Solar Energy Rate	House	Amount
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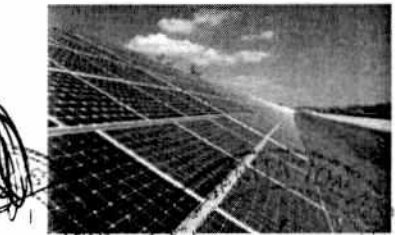
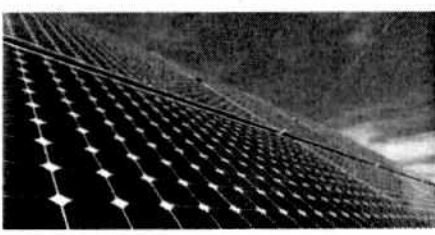
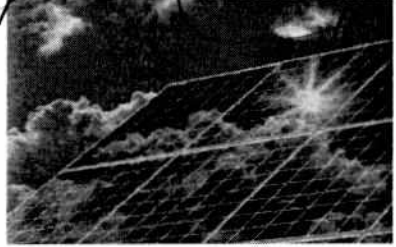
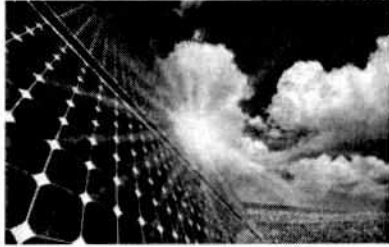
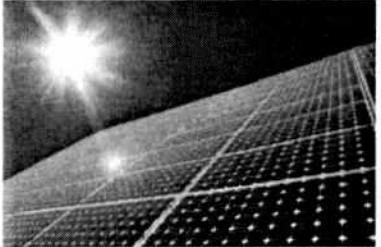
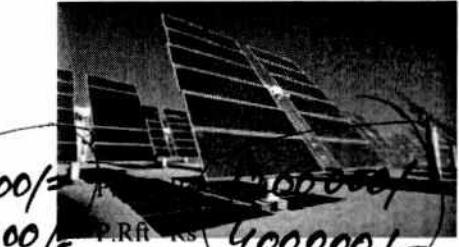
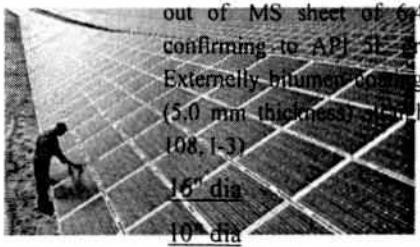
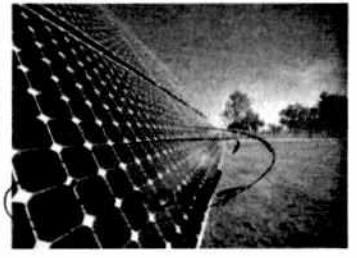
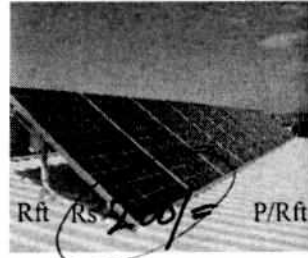
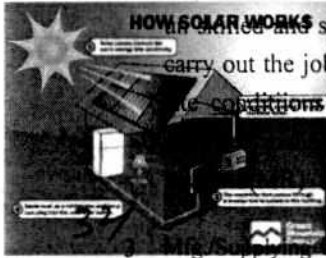
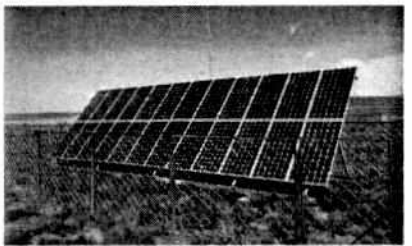
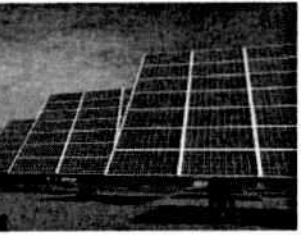
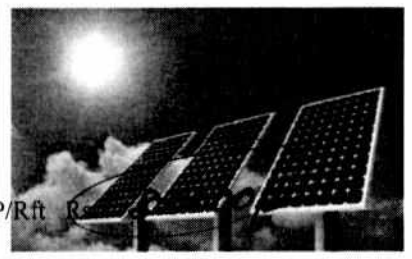
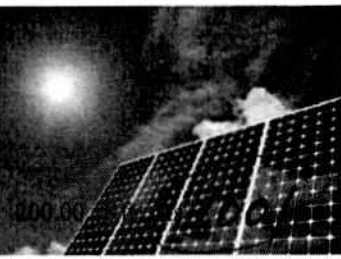
327

1. Dismantling and Existing damaged MS pipe line in HSR No: 2 all T&P arrangements required for the job in site conditions to engineer incharge respect. (MR)

2. Making arrangement for erection/fixing of 16" dia MS pipe 10.0 ft in length, vertical up in HSR to replace existing damaged pipe. i/c provision of scaffolding and other mechanism clamps to fix the pipe vertically, jacking the same at different heights, i/c all measures. T&P required also i/c skilled, special labour required to carry out the job as per drawing, design, site conditions and satisfaction to the engineer incharge. complete in all

3. Mfg/Supplying black steel MS pipe made out of MS sheet of 64" x 108" x 1.31" confirming to API 5L grade. Externally bitumen coating with glass (5.0 mm thickness) weight 108, 1-3)

16" dia
10" dia



(120)



32/4 C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-2, P-97)

15" dia

2.0 Each Rs 100000/- Each

Rs 200000/-

0" dia

2.0 Each Rs 25000/- Each

Rs 50000/-

32/5 Jointing ci/MS pipe and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts, bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete. (PHE P-40)

12.0 jts Rs 100/-

P.jt Rs 1200/-

32/6 Interconnection charges for jointing of different dia of water supply pipe lines, this cost i/c excavation in all kind of soil, timbering where required, de-watering, all T&P and labour etc complete up to the satisfaction of Engineer incharge.(MR)

From 12" to 4"

2.0 No; Rs 10000/- Each

Rs 20000/-

TOTAL AMOUNT OF Rs 2331200/-

1931200/-

Total Tender Amount of Rs: _____

In words _____

SCHEDULE "B"

Name of work :- P/L/J/T 24" & 8" dia MS Pipe lines i/c repair of different dia MS/C.I pipe lines at Hirabad W/S (M) Sub-Division City WASA, Hyderabad. **(WORK-33)**

Name of M/S :- _____

Sr.N	Item's Description	Qty	Rate	Unit	Amount
33/0					
33/1	Dismantling and removing road metling.(PHE,SOR,P13,I-51)	350.00 Cft	Rs 200/-	P% Cft	Rs 7000/-
33/2	Excavation for pipe line in trenches and pits in soft rock by hammering and chiesling where blasting is not practicable or prohabited i/c trimming dressing side to true alignment and shape levelling of beds of trenches to correct level and grade cutting joints,holes and disposal of surplus earth with in one chain as directed by Engineering incharge,providing fence gaurd,lights,flags and temporary crossing for non vehicullar traffic wherever required.Lift up to 5 ft lead up to one	1050.0 Cft	Rs 8000/-	P%0Cft	Rs 84000/-
33/3	Mfg./Supplying black steel MS pipe made out of MS sheet of 5.56mm w.t 6.4 mm wt, 7.9mm wt, 8.74mm wt, 9.5mm wt, 10.31mm wt, 11.13mm wt thickness confirming to API 5L grade X-42 (spirally welded)(PHE, SOR, P-109, I-6)	100.0 Rft	Rs 6000/-	P.Rft	Rs 600000/-
33/4	24" dia M.S black steel pipe out of M.S Sheet of 6.4mm thick confirming to API 5L grade X-42 ERW external bitumen coating with fiber glass (5.mm thick) Straight) (PHE P-108 I-3) <u>For M.S Pipe 6.4mm thick</u> <u>For 12" dia.</u> <u>For 10" dia.</u> <u>For 8" dia.</u>	20.0 Rft	Rs 4000/-	P.Rft	Rs 80000/-
		25.0 Rft	Rs 3300/-	P.Rft	Rs 82500/-
		30.0 Rft	Rs 3000/-	P.Rft	Rs 90000/-
33/5	C.I Sluice Valve heavy pattern test pressure 21.0Kg or 300lbs/sq.inch. Imported.(PHE, SOR, I-2, P-97) <u>12" dia</u> <u>10" dia</u> <u>8" dia</u>	1.0 Each	Rs 78000/-	Each	Rs 78000/-
		1.0 Each	Rs 25000/-	Each	Rs 25000/-
		2.0 Each	Rs 15000/-	Each	Rs 30000/-



(122)

33/ 6 Jointing C.I/MS pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts, bolts with washers etc other tools required for jointing and testing the joints to the specified pressure etc

24" dia

12" dia

10" dia

8" dia

10.0 Each	Rs 100/-	Each	Rs 1000/-
8.0 Each	Rs 100/-	Each	Rs 800/-
88.0 Each	Rs 100/-	Each	Rs 8800/-
4.0 Each	Rs 100/-	Each	Rs 400/-

33/ 7 Interconnection charges for jointing of different dia of water supply pipe lines, this cost i/c excavation in all kind of soil, timbering where required, de-watering, all T&P and labour etc complete up to the satisfaction of Engineer incharge. (MR)

From 12" to 4"

33/ 8 Repair if different dia CI/MS pipe lines job i/c all T&P, Material and labour required to carry out the job up to the satisfaction of engineer incharge. (MR)

12" dia

33/ 9 9" dia

9 Refilling the excavated stuff in trenches 6" thick layers i/c watering, ramming in full compaction etc complete. (PHE, SOR, P-77, I-24)

11.0 No; Rs 10000/- Each Rs 110000/-

1.0 Job Rs 10000/- P/job Rs 10000/-
1.0 Job Rs 5000/- P/job Rs 5000/-

1260.0 Cft Rs 200/- P%o Cft Rs 25200/-
TOTAL AMOUNT OF Rs 1130852/-

Total Tender Amount of Rs:- _____

in Words _____

[Handwritten signatures and scribbles]



SCHEDULE "B"

NAME OF WORK:- DESILTING OF EXISTING SEWERS IN TALUKA LATIFABAD, QASIMABAD AND CITY HYDERABAD INCLUDING PURCHASE OF 10 NOS. OF WINCH MACHINE. (WORK-34)

NAME OF M/S:- _____

Part "A"

34-A/1 Manufacturing plate form for installation of all operating system on it, made by M.S channel 4" x 2" & Welding it in double by making it in square shape of 4" x 4" (for extra strength, Horizontally in half round shape at one end straight at the other end, also vertically frame in half round shape for fixing pulley and covered, this plate form with 1/4" thick M.S Sheet for installation of all Mechanical operating system and mounted on tyres (two back and one front) with square shaft for easy moving and fixing extra heavy duty hook for pulling the whole system man hole to man hole i/c coloring it by making the ground with filling by superior quality material in suitable color Consisting of these all parts to complete Winch Machine i/c testing with satisfactory result of equivalent.

- i). Diesel Engine set of 16.0 H.P on the plate form i/c water tank for engine cooling system.
- ii). Clutch Plate and pressure plate at diesel engine fry wheel by fixing the extra steel coupling system to control and shifting the Gear with long arm.
- iii). Gear box of heavy duty fixed with Engine Clutch Plate by making foundation brackets.
- iv). M.S Pulley of required size fixed with the frame.
- v). Break system with lever with each machine.
- vi). Double chain of 1" size with chain sprockets large and small size (2 Nos.) with each machine).
- vii). M.S Frame with pulley for fixing at the man hole (one for each machine).
- viii). Steel wire rope 1/2" dia with "U" clamp 400 Rft for each machine.
- ix). Pulley operating shaft 2 Nos. for each machine.
- x). M.S buckets flapper type 12" x 9" (2 Nos. for each winch machine).

10 Nos. @ Rs. 110000/- Each Rs. 1100000/-
Total Amount of Part "A" Rs. 1100000/-

Part-B Construction of C.C Boundary Wall with R.C.C Pillar Size 9" Thick 10' Ft Height.

34-B/1 Excavation in foundation of Building Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (S.O.R (G) P-4 1/18 (b)).

0-5 Depth in Ordinary Soil

4262.50 cft @ Rs. 3000/- P.%o cft Rs. 12787/-
Rs. 12846/-

34-B/2 Cement Concrete work including placing compacting & curring complete including screening & washing of stone agreement without shuttering. (S.O.R (g) P-16 Item No. 5 (f))

i) Ratio 1:3:6

987.50 Cft @ Rs. 12000/- P. % Cft Rs. 118500/-

ii) Ratio 1:2:4

7425.00 Cft @ Rs. 16000/- P. % Cft Rs. 1188000/-

(124)



34-B/

3 Reinforcement Cement Concrete work including all labour charges and material except the cost of steel reinforcement and its labour for bending and binding which will paid sparkly thin yaltes includes all kinch of forms mould, lifting shuttering curing required and finishing the exposed surface (including screening and washing of shingle RCC work in roof salb beans column rafts and other structural member laid in site our precast laid in position complete in all respect. (SOR (G) P/16 I/6 (a)).

1462.50 Cft

@ Rs. 500/-

P. Cft

Rs. 731250/-

34-B/

4 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire, i/c removal of rust from bars. (S.O.R (8) P-17 Item No. 08 (a)).

52.23 cwt

@ Rs. 4000/-

P. Cwt

Rs. 208920/-

34-B/

5 Cement Plaster 1:5 up to 12' Height 1/2" thick. (SOR (G) P/52 I/12 (b)).

21275.00 Sft

@ Rs. 2000/-

P% Sft

Rs. 425500/-

34-B/

6 Priming Coat of Chalk distemper. (SOR (G) P/54 I/23).

Qty Same as Item No. 5

21275.00 Sft

@ Rs. 200/-

P% Sft

Rs. 42550/-

34-B/

7 Distemping. (SOR (G) P/54 I/24).

Qty Same as Item No. 5

(c) Three Coats .

21275.00 Sft

@ Rs. 200/-

P% Sft

Rs. 42550/-

Total Amount of Part "B" Rs. 2770116/-

34-C/ Part-C

1 Cleaning of Chowked Sewers by Winch Machine of Various diameter restoring is full capacity using labour & suitable equipment & tools like, Spun Rope, Buckets etc. (SOR W/S P/30 I/1).

i) 18" Dia Sewer

8000.00 Rft

@ Rs. 300/-

P - Rft

Rs. 2400000/-

ii) 24" Dia Sewer

4800.00 Rft

@ Rs. 200/-

P - Rft

Rs. 960000/-

iii) 36" Dia Sewer

2000.00 Rft

@ Rs. 300/-

P - Rft

Rs. 600000/-

iv) 48" Dia Sewer

2000.00 Rft

@ Rs. 500/-

P - Rft

Rs. 1000000/-

34-C/

2 Cleaning of under ground sewer by mechanical or manual method taking out waste solids etc. and disposing off within one chain etc complete (without cartage). (SOR Vol-III Part-III P-59 Item T-2)

From Man Holes

37680.00 Cft

@ Rs. 50/-

P. Cft

Rs. 1884000/-

34-C/

3 De-Silting of Open Sewerage Nalla with Mechanical Means & Disposal of Garbage Out Side of City. (R.A Attached)

24000 Cft

@ Rs. 50/-

P.Cft

Rs. 1200000/-

Total Amount of Part "C" Rs. 8044000/-



Total Tender Amount Of Rs:-

21814058/-
~~21814058/-~~

In Words _____

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[Circular Stamp: MUNICIPAL CORPORATION, Distt. Commissioner]

[Circular Stamp: WATER & SANITATION DEPARTMENT]

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SCHEDULE - B

Desilting of 10 MGD Clarifiers (3Nos) @ N.T.P , WASA,H.D.A,Hyderabad.(WORK-35)

S.No	Item Description	Qty	Rate	Unit	Amount
35/1	Full hire charges of pumping set per day inclusive of the wages of driver and assistant, fuel and electricity energy, platform required for pumping etc at lower depth with suction and delivery pipe for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job. 8'-11'	103168	7000/=	P%oCft	722176/-
		154752	7000/=	P%oCft	1083264/-
		154752	7000/=	P%oCft	1083264/-
35/2	Full hire charges of pumping set per day inclusive of the wages of driver and assistant, fuel and electricity energy, platform required for pumping etc at lower depth with suction and delivery pipe for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job. (PHE,SOR, Page No-76, item 23 (ii) (ii) Hire charges of pumping set of upto 10 HP pumping out water from 15' ft deep trench	45	2000/=	P.Day	90000/-
Total Amount					2978704/-

Total Tender Amount of Rs:-

in Words: _____

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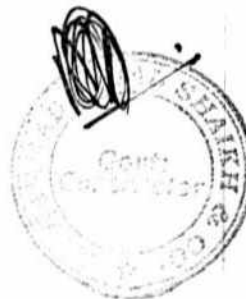
SCHEDULE "B"

NAME OF WORK:- P/L/J & TESING 24" DIA RCC ASTM SEWER LINE @ MIRZA PARA PREETABAD HYDERABAD. (WORK-36)

NAME OF M/S:-

S.#	Item / Description	Qty:	Rate	Unit	Amount
36/ 1	Dismantling and removing road metalling. (Sch. of rates P-14 Item No. 51).	11978.20 cft	200/-	P.% cft	23956/-
2	Excavation for pipelines and pits in soft soil i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. lead upto ong chain. (PHS-P-60-I-1)	21978.20 cft	3000/-	P.% cft	65934/-
36/ 3	Excavation for pipelines in trenches and pits in wet soil clay or mud i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. (1.52 m) and lead upto ong chain. (PHS-P-66-I-14)	21978.20 cft	3000/-	P.% cft	65934/-
36/ 4	Excavation for pipelines in trenches and pits in slushy daldaly soils i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. (1.52 m) and lead upto one chain. (PHS-P-67-I-15)	11978.20 cft	8000/-	P.% cft	95824/-
36/ 5	Bailing or pumping out sub-soil water during excavation concrete cost in cement concrete or masonry work in foundation e.t.c (P.H.S. P/75-1/18)	25934.60 cft	200/-	P.% cft	51869/-
36/ 6	Providing & fixing driving open timbering of trenches for depth 10'ft. (PHS-P-76-I-21)	24547.00 sft	5000/-	P% sft	1227350/-
36/ 7	Providing and Laying Crushed bajri bedding 1" thick under the bed pipe including remanding preparing be leveling compacting and carriage of mateial up to site work etc: complete (R.A)	9020.00 Cft	50/-	P/Cft	451000/-

(120)



36/	8	Providing laying and jointing RCC ASTM pipe (rubber gasket joints) providing RCC pipe ASTM C-76-62T/C/7670 Class wall B and fixing and trenches including cutting fitting and jointing with rubber ring including tested with water to specified pressure. (PHS-P-17-I-1).				
36/		<u>24" Dia</u>	2500.00 Rft	2000/-	P. Rft	5000000/-
	9	Cement Concrete work including placing compacting & curing complete including screening & washing of stone agreement without shuttering. (S.O.R-P-16-I-5).				
		<u>Ratio 1:3:6</u>	494.55 cft	10000/-	P.% Cft	49455/-
36/		<u>Ratio 1:2:4</u>	402.63 cft	16000/-	P.% Cft	64421/-
36/	10	RCC work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate i/c all kind of forms, moulds, lifting shuttering, curing, rendering and finishing the exposed surface (i/c screening and washing of shingle (a) RCC work in roof slab beam columns walls lintels and other structural member laid in situ or per-cost aid in position complete in all respect in all respect. (S.O.R-P-16-I-6)				
36/		<u>Ratio 1:2:4</u>	2797.30 cft	500/-	P. Cft	1398650/-
	11	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire, i/c removal of rust from bars. (S.O.R-P-17-I-8)				
36/			99.90 cwt	4000/-	P. Cwt	399600/-
	12	Supplying & fixing C.I main holes cover & frame. (PHS-P-99-I-14).				
36/			61.25 cwt	4000/-	Per Cwt	325000/-
36/	13	Mfg: Supplying & Fixing Wooden man cover made out of kikar wood in two pieces point with wooden patti with steel nail average size 23" to 26" dia 2 1/2" thick minimum etc complete in all respect. (R.A)				
36/			35.00 Nos:	8000/-	Each	280000/-
	14	Refilling the excavated stuff in trenches 6" thick layers i/c watering ramming to full compaction etc. complete. (PHS-P-77-I-24)				
36/		<u>Take 90 % of Total Excavation</u>	61121.52 cft	200/-	P.% cft	12224300/-
36/	15	Removal of Surplus Earth for site of work i/c loading by truck (Led 3 miles). (R.A Attached)				
36/			6791.28 cft	500/-	P % cft	3395640/-
	16	Inter Connection of 24" dia RCC ASTM pipe with RCC Existing Main Hole i/c all Labour charges of dismantling RCC wall & its fabrication pipe filling hole with cement sand mortar ratio 1:2:4 i/c all arrangement of plug/divert of sewerage water etc complete in all respect. (M.R)				
			2.00 Nos	3000/-	Each	6000/-
			Total Amount of Rs: 9299173/-			

Total tender Amount of Rs:-

In Words

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SCHEDULE "B"

NAME OF WORK:- CONSTRUCTION OF RCC NALLA 2.5 FT WIDE (BOTH SIDE) FROM AGRICULTURE COMPLEX TO OLD STATE BANK SEWERAGE PUMPING STATION THANDI SARA HYDERABAD.

(WORK-37)

Name of M/s: - _____

S. No.	Items	Quantity	Rate	Unit	Amount
37/1	Dismantling Cement Concrete Plain 1:2:4.(Sch. of rates (G) P-10 Item No. 19 (c)).	11240.0	2000/-	P%oCft	224800/- 500000/-
37/2	Excavation for pipelines in trenches and pits in all kind of soil murum hard average or soft i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. lead upto ong chain. (PHS-P-62-I-5)	11240.0 Cft	3000/-	P%oCft	33720/- 75000/-
37/3	Excavation for pipelines in trenches and pits in wet soil clay or mud i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. (1.52 m) and lead upto ong chain. (PHS-P-66-I-14)	11240.0 Cft	3000/-	P%oCft	33720/- 75000/-
37/4	Excavation for pipelines in trenches and pits in slushy daldaly soils i/c trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within one chain as directed by Engineer in charge, providing fence guards lights flags and temporary crossings for non vehicular traffic wherever required, lift upto 5 ft. (1.52 m) and lead upto one chain. (PHS-P-67-I-15)				179840/-
	0' to 5'	22480.0 Cft	8000/-	P%oCft	400000/-
	5' to 8'	14650 Cft	8000/-	P%oCft	250000/-
37/5	Bailing or pumping out sub-soil water during excavation concrete cost in cement concrete or masonry work in foundation e.t.c (P.H.S. P/75-1/18)				73060/-
		36530 Cft	300/-	P%oCft	42500/-
37/6	Providing & fixing driving open timbering of trenches for depth 10'ft. (PHS-P-76-I-21)				730600/-
	iii) 12" Dia Reflex Valve	14612 Sft	5000/-	P%oSft	3125000/-



37/7	Cement Concrete work including placing compacting & curing complete including screening & washing of stone aggregate without shuttering. (S.O.R-P-16-I-5).				562300/-
	<u>Ratio 1:3:6</u>	5623 cft	10000/-	P/cft	1250000/-
37/8	RCC work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rate i/c all kind of forms, moulds, lifting shuttering, curing, rendering and finishing the exposed surface (i/c screening and washing of shingle (a) RCC work in roof slab beam columns walls lintels and other structural member laid in situ or per-cost aid in position complete in all respect in all respect. (S.O.R-P-16-I-6)				12339000/-
	<u>Ratio 1:2:4</u>	24512 cft	500/-	P/cft	33750000/-
37/9	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire, i/c removal of rust from bars. (S.O.R-P-17-I-8)				1525440/-
		881.36 cwt	4000/-	P/cwt	9642840/-
37/10	Removal of Surplus Earth for site of work i/c loading by truck (Led 3 miles). (R.A Attached)				25582/-
		5116.44 cft	500/-	P/cft	303790/-
Total Amount of Rs:					49334090/-

15840462/-

Total A+B Tender Amount of Rs:-

In Words:-

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SCHEDULE "B"

Name of work :- **SUPPLYING & FIXING OF CHEMICAL FEEDING PUMPS @ N.T.P HYDERABAD. (WORK-38)**

Name of M/S :- _____

Sr.N	Item's Description	Qty	Rate	Unit	Amount
38/0 1	Supplying Fixing/Testing of stainless steel pump (KSB Size 2"x1") Q=35 IGM,Head=40ft (S.S suction body for alum Sulphate dozing) coupled on common base with 1 kw 3 Phase 1450 RPM 50 Hz (Siemens) etc complete in all respect.	4.0	80000/-	Each	320000/-
38/1 2	S/F/Testing on full load Circuit baeaker 400 amps (Fuji SA403H) 3 phase, 500 volts or equivalent as instructed by engineer incharge. (For Thandi Sarak P/S)	6.0	10000/-	Each	60000/-
TOTAL AMOUNT OF Rs:-					380000/-

Total Tender Amount of Rs:- _____

in Words _____