

SWSM PROJECTS - UP - GORAKHPUR

Project Name: Survey, Design, Preparation of DPR, Construction, Commissioning and O&M for 10 years of

Various Rural Water Supply Project in the State of Uttar Pradesh- Gorakhpur District

lient

: SWSM/DWSM-UP-GKP

onsultant

: Medhaj Techno Concept Pvt. Ltd.

ntractor

: NCC Limited

Request For Inspection

RFI No:	SWSM-UP-GKP/NS)7662	Date And Time - 17/0 2/2	912					
Description:	Rectifications compliance.							
Location:	Block-Borsgoon, let- f	Fulhor khere.						
Preceding RFI No.	SWSM-UP- CIEP/8/7W/82							
Commencement of work:	1762/2022							
Submitted By:	utkash	t.						
Signature:	Ush >							
Designation:	JE (Civil)		5					
Concessionaire:		Proceed	Hold					
Name:								
Designation:			- 19 mg 19					
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Signature Contractor Representative Signature Consultant Representative

Signature Client Representative

SWSM PROJECTS – UP – GORAKHPUR



insultant

oject Name: Survey, Design, Preparation of DPR, Construction, Commissioning and O&M for 10 years of Various Rural Water Supply Project in the State of Uttar Pradesh—Gorakhpur District yarious Rural Water Supply Project in the State of Uttar Pradesh—Gorakhpur District yarious Rural Water Supply Project in the State of Uttar Pradesh—Gorakhpur District

: Medhaj Techno Concept Pvt. Ltd. : SMSW\DMSW-Nb-CKb

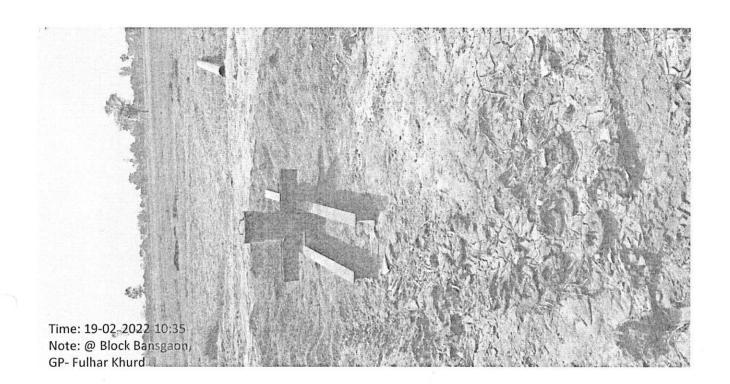
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MOS(18/	Request For Inspection Date And Time - 18/0 2/ 10 22	
	natiuil	tractor : NCC I

Client Representative Signature Consultant Representative Signature Contractor Representative Signature

MAKONA

Fulhar Khurd





NCC LTD.

STATE WATER AND SANITATION MISSION

CLIENT: JJM / SWSM / DWSM

GORAKHPUR-UP



SPECIFIC GRAVITY OF PEA GRAVELS (SIZE- 1.6 mm to 4.8 mm)

As per IS: 2386 (Part-3)

		As per	r IS: 2386 (Part-3)	***	
Date of Testing-	1510	2/2022			
Test report no:		UKI-Slad	075		
SL NO.	DESC	RIPTION	.0	BSERVATIONS	
1	Source of	material:	Lalkion, Noin	ital, lettroschano.	
				K- BANSCIAON	
2	Location : Date of sampling :		NAME OF THE GRAM PANCHAYAT - FULL AR KHO		
3					
4	4 Lab. Test no: 5 Sample no:				
5					
	SPECIFI	C GRAVITY	TEST AT ROOM TEMPE	ERATURE	
6	Weight of	the Jar, W1	. (gm)=	2529m	
7	Weight of	Jar + Grave	l, W2 (gm)=	2529m 450 gm	
8	Weight of	Jar + Grave	l + Water, W3 (gm)=	8495 m	
9 Weight of the Jar + Wa			/ater, W4 (gm)=	724gm	
3	Specific	W	2 - W1	190	
10	Gravity =	(W2 - W1	= 1 L) - (W3 - W4)	198-124 = 2.71	

Note: The Specific Gravity should not be less than 2.5

NCC LTD.

PMC/TPIA





NCC LTD.

STATE WATER AND SANITATION MISSION



CLIENT: JJM / SWSM /DWSM

GORAKHPUR-UP

SIEVE ANALYSIS OF PEA GRAVELS (SIZE-1.6 mm to 4.8 mm)

(As per IS: 460 and IS: 4097)

Date of Testing:

15/02/2022 NCC/GRP-S/OC/075 Test report no:

SL NO.	DESCRIPTION	OBSERVATIONS
1	Source of material :	Lalkvon, Naintel, Utralchard.
		Block Name- BANSGAON
2	Location:	G.P Name- FULHAR KHURD
3	Date of sampling:	14/02/2022
4	Lab. Test no :	75
5	Sample no. :	75
6	Total wt. of sample (gm) :	1000gm

SIEVE ANALYSIS

IS Sieve Size	retained	Cumulative wt. Retained (gm)	Cumulative % wt. Retained	% passing	Acceptable / Not Acceptable
6.3 mm	09	09	0.9	99.1	oK
4.75 mm	149	158	15.8	84.2	OK
2.36 mm	726	884	88.4	11.6	OK
1.18 mm	119	998	99.8	0.2	. ok
Pan	02				
Total(gm)=					8

The Hardness of Material is=

Note:- The Hardness value should not be less than 5 in Moh's scale.



Aqua Xplore

(Groundwater Assessment & Allied Services) 243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001 Mob. 9918202546 / 9889323322, Email-aquaxplorelko@gmail.com

Advisor- Dr. R. A. Yadav, ex- Manager(Groundwater), U. P. Jal Nigam

Ref. 210 -- F / AX - 2022

Date 10.02.2022

Geophysical Borehole Logging Report

Name of the site: Fulhar Khurd, Block-Bansgaon

District

: Gorakhpur

Date

: 10.02.2022

Depth logged

: 156.0 mbgl

Depth drilled

: 156.0 mbgl- as reported

Logged by

Aqua Xplore

Presence

: Representative of M/S NCC Limited, Gorakhpur - South

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

SI.No.	Depth range(mbgl)	Thickness(m)	Remarks
1/	18.031.0	13.0	
2	36.046.0	10.0	
3	50.078.0	28.0	Good all
A	88.094.0	6.0	
(5)	106.0110.0	4.0	
8	120.0136.0	16.0	
7	150.0154.0	4.0	

Note. Sl. No. 5 is very fine sand.

1. Executive Engineer, C.D. (Rural), U.P.Jal Nigam, Gorakhpur.

M/S NCC Limited, Gorakhpur -South, SWSM. 2.

Open Verified as per Verified as per logs provided for Aqua Xplore Note - To avood few Sediments few Sediments whom Sediments in Sr No-3-52-78 and should consider when should consider

CC;

NAME OF THE DISTRICT. BANKS CHAN STATE ON BIONE RC STATE ON BIONE RC					<u>SM/DWSM</u> FORAKHPUR (UI	P)	
March Marc	NAME OF THE	DISTRICT- GORAKHPUR		Nec bib.	ORAKIII OK (O	7	TYPE OF RIG M/C-
SAMPY CLAY SAM	NAME OF THE						
DISCHIPLE AND DISCHARGE - 650 LPM BORNOCHAR BOARD THATA OTT SAMPE CONT SAMPY CLBY SAMPY CLBY SAMPY CLBY MEDIUM SAMP MEDIUM SAMP	NAME OF THE		IURD				
		DICCHARGE - 1	SOLPM				
150 150	DEPTH B.G.L				EXECUTED	ASSEMBLY	ASSEMBLY DETAILS
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150 mm to \$272 ft per \$2 mm to \$25		1.1.1.1.1.1.1.1					
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ABSTRACT 106-071 FINE SAND 106-4571 109-4771 30-1071 SANOY CLAY 36-1071 SANOY CLAY SANOY CLAY SANOY CLAY 135-5671 SANOY CLAY 135-5671 135-677 13	991011	HILLIAN				100111	
106.07 106.45 109.47		711111111	SANDY CLAY				Total Assembly= Jy je 3 1/m + A.G.L (m) = 14 2 00 7 m
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120.507 120.507	106.0M		FINE SAND				
3. Drilling Depth (m) 156.071 4. Assembly Lowered (m) 142.0 7 M 5. Housing Fipe (m) 36.15 M 6. Plain Pipe (m) 31.0 8 M 7. Slotted Pipe (m) 21.0 8 M 8. Reducer (m) 0.20 M 135.56 M 8. Reducer (m) 0.20 M 100 GGING REFORT 141.57 M 6. Plain Pipe (m) 21.0 8 M 100 GGING REFORT 141.57 M 6. Plain Pipe (m) 21.0 8 M 100 GGING REFORT 141.57 M 100 GGING REFORT 100 GGING R	110.0M	11111111				101. 94/1	2.Drilling Completed/Lowering-
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SHOULD SAND 135-56M Should Pipe (m) 36.15M 135-56M Should Pipe (m) 21.08M 135	120.0M	////////	-			120.501	4.Assembly Lowered (m)- 142 0 7 M
135-56M 141-57M 100000000000000000000000000000000000	,				11,11,1	140.007	
7. Slotted Pipe(m) 21. 08 M 8. Reducer(m) 0.20 M LOGGING REPORT 1. 18 - 31 -> 13.0 2. 36 46 -> 10.0 3. 50 - 78 -> 28.0 4. 80 - 94 -> 6.0 5. 106 - 110 -> 4.0 6. 120 136 -> 16.0 7. 150 154 -> 4.0 8. RICALITY TEST. 10.			MEDIUMSAND				6.Plain Pipe(m)- Sy. Ry M
36.0 M SANOY CLAY 135.5 6 M Reducer(m) 0.20 M LOGGING REPORT 141.5 7 M LOGGING REPORT 150.0 7 150.0							
141.57M 18 - 31	136.0M		K.		iii!!	35.56M	
SANOT CLAY SANOT CLAY BAIL 2 36 . 46 3 10.0 3 50 - 78 3 28.0 4 80 - 94 3 6.0 5 106 - 110 3 4.0 6 120 - 136 3 16.0 7 150 - 154 3 4.0 8. RICALITY TEST- 10		11.11.11.11.11			0		LOGGING REPORT
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TECHPRO ENGINEERS PVT. LTD.

(Laboratory Division)

Lab Add. 131, Ram Ganga Housing Society, Naramau, Kanpur- 209217, Tel.: 0512-2525759, 09793209918, Web site: www.techproindia.com

e-mail: tepllab@gmail.com, info@techproindia.com, Doc No.: TEQR-36C, Issue No.: 02, Issue Date: 18/08/20, Rev. No.: 01, Rev. Date: 10/12/2020 TEPL/MT/2022/136/R1

Dated: 05-03-2022

TEST REPORT

Name of Customer		Jal Nigam, Gorakhpur
Project		SWSM-JJM Project (Har Ghar Jal Mission) at Gorakhpur U.P.
Reference No.		SWSM-UP/GKP/QC/77
Sample supplied to Lab by	:	Customer representative
Name of Contractor/ Agency	:	NCC Ltd.
Sample Particulars	:	Pea-Gravel

Sample Receipt Date		03/03/2022	Job No.		MT136
Condition of sample		Satisfactory	SRF No.		2022/29
Type of Sample		Pea-Gravel	ULR No.	1:	NA
Source of sample	:	Lalkuan (Uttarakhand)	Period of Testing		03/03/2022 to 05/03/2022

Terms & Conditions:

1	Results relate only to the test sample provided by customer.
2	This report is under copyright of Techpro Engineers Pvt. Ltd. (Laboratory Division) and is not to be reproduced, copied, handed over third party or used for any purpose other than for which it has been loaned.
3	The tested samples are retained for three months after issue of test report (if not collected by customer).
4	The unique identification of sample is as Job No. / Chainage No. /BH. No./SI. No. But only SI. No is mentioned in results.



Checked By:

Alok Chauhan

Alok Kumar Chauhan (Technical Manager)



Approved By:

Arvind Kumar Garg (Quality Manager)



TECHPRO ENGINEERS PVT. LTD.

(Laboratory Division)

Lab Add. 131, Ram Ganga Housing Society, Naramau, Kanpur-209217, Tel.: 0512-2525759, 09793209918, Web site: www.techproindia.com

e-mail: tepllab@gmail.com, info@techproindia.com,

Doc No.: TEQR-36C, Issue No.: 02, Issue Date: 18/08/20, Rev. No.: 01, Rev. Date: 10/12/2020

1. PHYSICAL TEST RESULT OF PEA GRAVEL

Sample Unique ID: MT136/TEPL/02

SI. No.	Part	Particular of Test		Specification As Per IS (383 & 4097)	Test Method	Remarks
		12.5 mm	100			
	Sieve	8.0 mm	100			
1.0	Analysis	6.30mm	100			
1.0	(% by	4.75 mm	80.90	-	IS 2386 (Part-1)	-
	weight)	3.35 mm	14.40		1963, RA-2016	
		. 2.00 mm	8.60			
2.0	Combined Flaki (% by weight)	ness & Elongation Index	0.0	40 Max	IS 2386 (Part-1)-1963, RA- 2016	Partical Size >6.3
3.0	Water Absorptio	on (% by weight)	0.90	5 Max	IS 2386 (Part-3)-1963 RA-2016	-
4.0	Specific Gravity		2.66	2.1 - 3.2	IS 2386 (Part-3)-1963 RA-2016	-
5.0	Hardness Test ((Number)	7.3	5 Min	IS 13630 (Part-13)-2006	- !
	Bulk Density , Kg/litre				IS 2386	
6.0	a) Compacted	a) Compacted		NA	(Part-3)-1963	-
	b) Loose			NA	RA-2016	



Checked By:

Alok Chaufan

Alok Kumar Chauhan (Technical Manager)



Approved By:

Arvind Kumar Garg (Quality Manager)



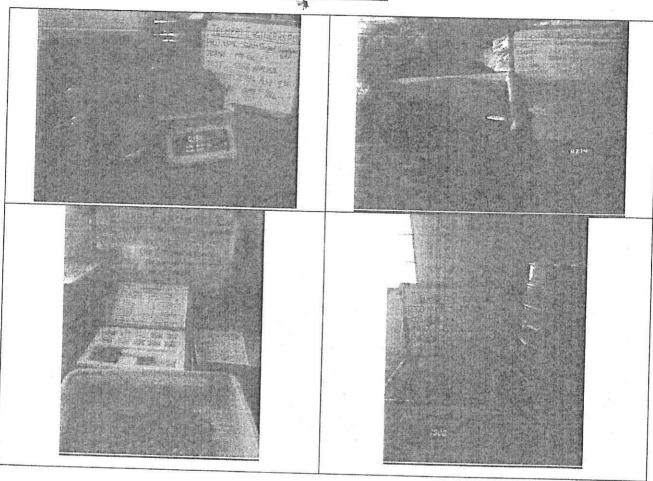
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(Laboratory Division)

Lab Add. 131, Ram Ganga Housing Society, Naramau, Kanpur- 209217, Tel.: 0512-2525759, 09793209918, Web site: www.techproindia.com

e-mail: tepllab@gmail.com, info@techproindia.com, Doc No.: TEQR-36C, Issue No.: 02, Issue Date: 18/08/20, Rev. No.: 01, Rev. Date: 10/12/2020

PHOTOGRAPHS





END OF REPORT

TUV INDIA PRIVATE LIMITED

INSPECTION RELEASE NOTE / CERTIFICATE

IRN -8119494049-NCC/ROK/SWSMUP-G(S)/PO/47 - Sr. No 1.- Rev. 00



TUV India Control Or

SAP Number:

8119494049

Date:

Name:

10-12-2021

Project Name &

Location

Gorakhpur South Project

State water and sanitation Mission

TUV India Branch

Noida

TUV India Client

Name:

M/S. DADU PIPES PVT LTD

End User Name:

Executive Director, State Water and

Sanitation Mission, (U.P)

Contractor Name &

Location

NCC LIMITED.

Sub Contractor Name & Location Not Applicable

Vendor Name &

Location:

M/s. Dadu Pipes (P) Ltd. A-72, Ind. Area, Sikandrabad

Bulandshahr (U.P)

P.O. Number: (Client PO on Vendor) NCC/ROK/SWSMUP-G(S)/PO/47

Dt. 03.12.2021

Sub Vendor Name &

Location: (if applicable)

Not Applicable

P.O. Number: (if applicable - Vendor PO on Sub Vendor) Not Applicable

Item Description:

PO Item No.	Item Code Item Description	UOM	P.O. Quantity	Offered Quantity	Accepted Quantity	Cumulative accepted Quantity
1	200 MM Dia MS ERW Plain End pipe 6 Mtr Length,WT:5.40 MM Thick as pr IS:4270, Varnished.	Mtrs	576	588	576	576
2	150 MM Dia MS ERW Plain End pipe 6 Mtr Length,WT:5.00 MM Thick as pr IS:4270, Varnished.	Mtrs	1758	1770	1758	1758
3	MS ERW Plain end Slotted Pipe 150 mm Dia, Wt:5.40 MM conforming to IS:4270. 6 Mtr length, Slotting as per IS:8110 & Zig -Zag Slots ,Length 75mm x 1.20mm and slots per meter 780 Nos (+) 10%, Varnished.	Mtrs	438	438	438	438

Poforence Documents:

Sr.	Document Name	ocument Name		Approval Status
No.	PR/MR/ARM	Not Applicable	Not Applicable	Not Applicable
1)	QAP / ITP / QCP	DPPL/31/QP/01 Rev 0	Not Applicable	Approved by client
2)		Not Applicable	Not Applicable	Not Applicable
3)	Drawing(s)	Not Applicable Not Applicable	Not Applicable	Not Applicable
4)	Datasheet(s)	Not Applicable	Not Applicable	Not Applicable
5)	Procedure(s)		Not Applicable	Approved
6)	Others (Specify)	IS 4270, IS 8110, IS 4711	14011 ibhuanna	

Stages Witnessed: (For PO Sr. No 3 - Scope as per QAP sr. no 3.1, 3.4,3.5 only & All for rest)

1) Total offered quantity verified.

2) QAP Sr.No 3.5 Visual inspection done for surface defects, workmanship and protective coating for all items- found

3) QAP Sr.No 3.1 Final dimension inspection done Thickness, Outer Diameter, Length & weight for randomly selected items as per IS 4711 - found within limits - found satisfactory.

4) QAP Sr.No 3.2 Mechanical testing (Tensile, Flattening) checked on identified samples - found to meet the specification requirement (IS 4270) - found satisfactory.

Disclaimer: The inspection by TUV india PV. Ltd., review of Test Certificates / Reports and issue of Inspection Release Note / Certificate does not relieve Client / Supplier / towards the Client / End User to supply the genuine material / #em(s) and document(s) in full complaince with applicable Criter. Specification. Technical. Quality, Quantity, Wis document of the properties of a stocked is which legally responsible for genuineness of the material / #em(s) supplied and document(s) submitted. TUV India's responsible for sending interest of the measurable of the properties of the measurable of the measurable for genuineness and method of the measurable of the measurable for genuineness of the genuineness

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Form No.: F / INSP / IRN / 03 - R7; Revision Date. 13:03:2020 Page 1 of 2

TUV INDIA PRIVATE LIMITED

INSPECTION RELEASE NOTE / CERTIFICATE



IRN -8119494049-NCC/ROK/SWSMUP-G(S)/PO/47 - Sr. No 1.- Rev. 00

- 5) QAP Sr.No 3.3 Hydro test done randomly selected @5% items at 7Mpa test pressure and hold period 3 seconds minimum - observed no pressure drop - found satisfactory.
- QAP Sr.No 3.4 Identification marking checked randomly found in order.
- 7) All measuring instruments/ equipment were verified for continued suitability for intended use, proper identification, calibration status, traceability to national standards & found satisfactory.

Documents Reviewed:

- QAP Sr. No. 1.1 Raw material test certificates reviewed for its technical content only as declared by manufacturer and endorsed by vendor- Found to meet the applicable code and project specification requirement
- QAP Sr. No. 1.2, 1.3 & 1.4 Physical Properties, Dimension & Visual report of Raw material reviewed found in order.
- QAP Sr. No. 2.1-In-process Dimension inspection report reviewed and found in order.
- 4) QAP Sr. No. 2.2 In-process Mechanical testing report reviewed and found in order.
- QAP Sr. No. 2.3 In-process Hydro testing report reviewed and found in order.
- QAP Sr. No. 2.4 In-process workmanship & protective coating report reviewed and found in order.
- Material test certificates Number DPPL/QC/TC-01212 Date 10.12.2021 reviewed and found in order.

NCR / Waiver(if Any):

None

Identification:

Inspected items identified with TUV Hard stamp " on OD near manufacturers

marking. (Double on witnessed & rest single)

Order status:

☑ Complete ☐Incomplete

Sub order status: (If applicable)

☑ Complete ☐ Incomplete

Date(s) of Inspection:

10.12.2021

Conclusion:

All items were inspected within the scope defined in approved PO, QAP, specifications &

Found to meet the requirements of purchase order & Specifications.

Gaurav Kumbr

Inspector(s) to TUV India Private Limited

Distribution List: ☑ TUV India Client/End User☑ TUV India Executing /Originating Branch☑ Vendor/Sub Vendor

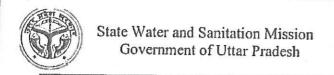
Revision Number (If Applicable):00-Type Reason for revision here.

This Document Supersedes IRN No.: Mention previous IRN Number.

d issue of inspection Neeless error - Certificate does not reserve Cient / Si compliance with applicable Order, Specification, Technical, Quality, Quies document(s) submitted. TDV India's: responsibility is only limited to corre-up companies, associates or employees are in any way' legally responsibili-ction do not have traceability to NABL / Other certifying bodies, then the s review of less Certificates / Repairs and lasd aterial / item(s) and document(s) in full comp s of the material / item(s) supplied and docur

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Form No. : F / INSP / IRN / 03 - R7; Revision Date: 13.03.2020 Page 2 of 2



Salient Feature

Name of the State

Uttar Pradesh

Name of the District

Gorakhpur

Name of the Block

Bansgaon

Name of the Programme

Jal Jeevan Mission

Name of the Gram Panchayat

Fulhar Khurd

No. of Village/Habitations

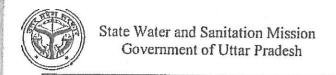
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Table 1: List of village and Habitation

r	·	3					
S. No	District Name	Sub District Name	Block Name	Gram Panchayat	2011 Census Code	Revenue Village Name	Habitations Name
1				*	456132	Balua Urf Gopalpur	Balua urf Gopalpur
2			2		456131	Barpar Pandey	Barpar Pandey
3	GORAKHPUR			hurd	456420	Fulhar	Fulhar Khurd
a	幸	Bansgaon	Bansgaon	조	₹ 456129 Fullar Khurd		Dhobi Tola
b	GOR/			Fulhar Khurd	35		Fulhar Khurd (h.b)
4					456133	Makkhanpur	Makkhanpur
5					456130	Saonr	Saonr
а							Saonr (h.b)

Table 2: Gram Panchayat Population Summary

S. NO	DESCRIPTION	GROWTH FACTOR WRT Y-2011	POPULATION	SC/ST	HOUSE HOLDS
1.	As per Census 2011	1	2427	746	317



2.	Initial Stage 2022	1.19	2900	891	379
3.	Middle Stage 2037	1.52	3700	1137	484
4.	Ultimate Stage 2052	1.87	4550	1398	595

Rate of Water Supply

: 64.70 LPCD (Added 15 % losses over 55 LPCD)

Nature of Sources

: Ground Water

Source of Development

: Tube Well

Daily Water Demand Summary

:

a) Initial Year 2022

: 188KLD

b) Intermediate Year 2037

: 239 KLD

c) Ultimate Year 2052

: 294 KLD

Number of Tube Wells

: 1

Nature of Treatments

: Chlorinator through HDPE Tank (100L) and Dosing metering pump (0-

6LPH)

Average Dosing Capacity

: 0.50 PPM

Pumping plant for Tube Well

a) No. and Type of Plant

: 1

b) Anticipated Discharge

: 650LPM

c) Total Working Head

: 41 m

d) Motor (HP)

: 12.5 HP

Service Storage

a) Quantity

. 1

b) Capacity

: 175 KL

c) Staging

: 12m

Pipeline Summary

Table 3: Rising Mains





Estimate for Fulhar khurd Gram Panchayat Water Supply Scheme Under - SWSM Block- Bansgaon, District- Gorakhpur

BOQ Item No.	Description	Unit	Qŋ [,]	Rate	Amount
	Survey, Design & Preperation of DPR				
1.01	All the works including Hydrological survey, topographical survey, Design charges including preparation and approval of DPR	LS	1.00	215962.00	21596
2.00	Drilling of Borehole for Tubewell construction by DC/RC/DTH Rig Machine including transportation, erection, dismantling of Rig and assosiated T&P complete in all respect including required all material labour etc.				
	RIG Transportation for Tube Well Construction				***CONTROLOGICALISMON AND AND AND AND AND AND AND AND AND AN
2.01	Transportation, Installation Dismantling of Rig machine and logging of bore hole	Job	1.00	159478.88	15947
2.02	Tube Well Construction- Drilling of Borehole			v 5 9994 0000 9000 3 20000000 2000000 v	~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
2.03	DC/RC Drilling up to 100Mtr.	verentation in Leading			or redefenses and the constitution (the section)
2.04 2.05	400 MMØ 450 MMØ	Mtr.		1638.27	**************************************
2.05	500 MMØ	Mtr.		1834.20	
2.06.01	550 MMØ	Mtr.	60.00	2013.00	12078
2.00.01	600 MMØ	Mtr.	40.00	2422.00	- contract the state of the sta
2.07	DC/RC Drilling from 101 Mtr. To 200 Mtr.Deep	Mtr.	40.00	2422.00	9688
2.09	450 MMØ		***************************************	1060.00	
2.10	500 MMØ	Mtr.	EC 00	1960.88	10006
2.11	550 MMØ	Mtr.	56.00	2144.00	12006
2.12	DC/RC Drilling from 201 Mtr. To 300 Mtr.Deep	Mtr.	~-8************************************	2510.25	E-1000000000000000000000000000000000000
2.12	450 MMØ	Mtr.	9-6000000-0-000-0-000	2021.62	***************************************
2.14	500 MMØ	Mtr.		2831.63	······································
2.15	600 MMØ	Mtr.	A TEXTO X PROPERTY OF STANDARD STANDARD	3014.75 3381.00	
2.16	DC/RC Drilling from 301 Mtr. To 400 Mtr.Deep & above	IVIEI.	***************************************	3301.00	10000000000000000000000000000000000000
2.17	450 MMØ	Mtr.		3319.35	errorenten
2.18	500 MMØ	Mtr.		3502.48	
2.19	600 MMØ	Mtr.	**************************************	3868.72	Z
2.20	DTH Drilling upto 200.0 Mtr.Deep	ivitt.	APPENDED TO STATE OF THE STATE	3808.72	M
2.21	200/165 MMØ (in over burden/Hard Rock)	Mtr.		1250.00	A
2.22	Development / Flushing of tubewell	Hr.	17 (1000) St. Million (1000)	1250.00	*****************
	Tubwell Assembly (Supply + Fittings & Specials)			2900.00	
3.01	MSERW plain pipe, As per IS 4270		37388111136541111111111111111111111111		Dispolario and American State of the Control of the
3.02	100 MMØ	Mtr.		027.60	
3.03	150 MMØ	Mtr.	80.00	927.50 1900,00	15000
3.04	200 MMØ	Mtr.	00.00	2550.00	15200
3.05	300 MMØ	Mtr.	36.00	3800.00	12600
3.06	MSERW Pipe slotted pipe as per IS 8110	IVILI.	30.00	3800.00	13680
3.07	100 MMØ	Mtr.		1366.85	***************************************
3.08	150 MMØ	Mtr.	24.00	2800.00	(730)
3.09	200 MMØ	Mtr.	24.00	3833.80	6720
3.10	300 MMØ	Mtr.		5188.59	
3.11	MS fittings such as clamp, bail plug, reducer, well cap, girder & support structure	LS	1.00	32295.00	32295
3.12	MS fittings such as ring & centre guide	b) (
	Tubwell Assembly Lowering Works	RM	140.00	471.68	66033
	Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc.				5740658440->-9444658440->-9435
4.01	Lowering up to 100 Mtr. Deep		**************************************		William Company of the Company of th
- 4.02	100 MMØ MSERW Plane/Slotted Pipe	Mtr.		129.45	
4.03	150 MMØ MSERW Plane/Slotted Pipe	Mtr.	64.00	281.00	17984
4.04	200 MMØ MSERW Plane/Slotted Pipe	Mtr.		376.50	17984
4.05	300 MMØ MSERW Plain/Slotted Pipe	Mtr.	36.00	472.00	16992
4.06	Lowering from 101 Mtr. To 200 Mtr. Deep		20.00	772.00	10992



BOQ Item No.	Description	Unit	Qty.	Rate	Amount
4.07	150 MMØ MSERW Plane/Slotted Pipe	Mtr.	40.00	376.00	15040
4.08	200 MMØ MSERW Plane/Slotted Pipe	Mtr.		499.19	(*************************************
4.09	300 MMØ MSERW Plane/Slotted Pipe	Mtr.		745.58	A TOTAL TOTAL STREET OF LIGHT AND
4.10	Lowering from 201 Mtr. To 300 Mtr. Deep				A A A MARKATAN A A MARKATAN A SANSA
4.11	150 MMØ MSERW Plane/Slotted Pipe	Mtr.		385.19	
4.12	200 MMØ MSERW Plane/Slotted Pipe	Mtr.		459.00	
4.13	300 MMØ MSERW Plane/Slotted Pipe	Mtr.	POCHAGO, MANAGEMENT	606.62	***************************************
4.14	Lowering from 301 Mtr. To 400 Mtr. Deep & above				** When the second seco
4.15	150 MMØ MSERW Plane/Slotted Pipe	Mtr.		426.53	
4.16	200 MMØ MSERW Plane/Slotted Pipe	Mtr.	.: ::::::::::::::::::::::::::::::::::::	499.00	
4.17	300 MMØ MSERW Plane/Slotted Pipe	Mtr.		643.94	
***************************************	Supply and Packing of Gravel Works				
5.00	Supply and unconsolidated packing of gravel with suitable size	Cum	45.00	7500.00	337500
	Development of Tube well				
6.01	Tranportation, Installation Dismantling of 150 PSI Compressor	Job		42120.00	
6.02	Charges for Development by 150 PSI Compressor per hour	Hr.		2544.52	of Administrative Americans American Appropriate Association
6.03	Tranportation, Installation Dismantling of 250/400/600 PSI Compressor	Job	1.00	42120.00	42120
6.04	Charges for Development by 250 PSI Compressor per hour	Hr.	60.00	3027.00	181620
6.05	Charges for Development by 400 PSI Compressor per hour	Hr.		3154.10	
6.06	Charges for Development by 600 PSI Compressor per hour	Hr.		4062.20	#*************************************
6.07	Tranportation, Installation Dismantling of 0.5 Cusec OP Unit and Yield test, water test	Job	g-389 Managaran	22321.28	**************************************
6.08	Charges for Development of TW by 0.5 Cusec OP Unit	Hr.	***************************************	205.43	***************************************
6.09	Tranportation, Installation Dismantling of 1 Cusec to 3 Cusec OP Unit and Yield test, water test		1.00	785.42 67225.00	67225
6.10	Charges for Development of TW by 1 cusec OP Unit				************************
6.11		Hr.	100.00	959.00	95900
A PART A	Charges for Development of TW by 3 cusec OP Unit	Hr.	·	1196.00	444-444
6.12	Tranportation, Installation Dismantling of 2 Cusec OP Unit and Yield test, water test	Job		89317.00	
6.13	Charges for Development of TW by 2 cusec OP Unit	Нг.	A Self-Market Market Landson	1119.00	Victoria (propagational administrative Perference and Constitution (Constitution (Cons
7.00	Pumping Plant:- SITC of Pumping plant including pumps with motors starter, pannel, cable, complete in all respect with all required material T&P labour etc.				
7.01	1 HP	Nos	AND CONTROL OF THE CO	32518.98	
7.02	2 HP	Nos	The second secon	35843.14	Processing to the second of th
	3 HP	Nos		46249.21	
7.04	5 HP	Nos	********************************	65037.95	The same of the sa
7.05	7.5HP	Nos	* No section was an extraord and extraord and	228500	PACETORISM COMMISSION COMMISSION OF THE STATE OF THE STAT
7.06	IO HP	Nos	Contraction (1) (Callet V. South V. Contraction (1)	230200	Was a service and a service and a service of the
7.07	12.5 HP	Nos	1.00	238800	238800
7.08	15 HP	Nos		252100	
The second of th	17.5 HP	Nos	. 102.100.000.000.000.000.000.000.000	276504.56	· · · · · · · · · · · · · · · · · · ·
	20 HP	Nos		295500	
	25 HP	Nos		334043.48	
7.12	30 HP	Nos		366163.04	
	35 HP	Nos		393723.7	***************************************
7.13			98 Mariana	CONTRACTOR OF THE PROPERTY OF	***************************************
7.13 7.14	40 HP	Nos		426547.83	
7.13 7.14		Nos Rate/HP	··········	426547.83 30467	***************************************
7.13 7.14 7.15	40 HP Variation in HP due to change of site locations increased/decreased in	Rate/HP	1.00	30467	
7.13 7.14 7.15 8.00	40 HP Variation in HP due to change of site locations increased/decreased in per HP of the proposed pumping plants.	1	1.00		43120
7.13 7.14 7.15 8.00 9.00	40 HP Variation in HP due to change of site locations increased/decreased in per HP of the proposed pumping plants. Pressure Transmitter Electrically operated Sluice Valve:- Electrically operated Sluice Valve PN 1.0 dia 100 mm	Rate/HP		30467 43120	**************************************
7.13 7.14 7.15 8.00 9.00 A.1. 9.00	40 HP Variation in HP due to change of site locations increased/decreased in per HP of the proposed pumping plants. Pressure Transmitter Electrically operated Sluice Valve:- Electrically operated Sluice Valve PN 1.0 dia 100 mm Electrically operated Sluice Valve PN 1.0 dia 80 mm	Rate/HP Nos Nos	1.00	30467 43120 125000	43120 250000
7.13 7.14 7.15 8.00 9.00 A.1. 9.00	40 HP Variation in HP due to change of site locations increased/decreased in per HP of the proposed pumping plants. Pressure Transmitter Electrically operated Sluice Valve:- Electrically operated Sluice Valve PN 1.0 dia 100 mm Electrically operated Sluice Valve PN 1.0 dia 80 mm	Rate/HP Nos Nos Nos	2.00	30467 43120 125000 125000	250000
7.13 7.14 7.15 8.00 9.00 A.1. 9.00 9.01	40 HP Variation in HP due to change of site locations increased/decreased in per HP of the proposed pumping plants. Pressure Transmitter Electrically operated Sluice Valve:- Electrically operated Sluice Valve PN 1.0 dia 100 mm Electrically operated Sluice Valve PN 1.0 dia 80 mm Electrically operated Sluice Valve PN 1.0 dia 150 mm	Nos Nos Nos Nos Nos		30467 43120 125000 125000 125000	**************************************
7.13 7.14 7.15 8.00 9.00 A.1. 9.00 9.01 9.02	40 HP Variation in HP due to change of site locations increased/decreased in per HP of the proposed pumping plants. Pressure Transmitter Electrically operated Sluice Valve:- Electrically operated Sluice Valve PN 1.0 dia 100 mm Electrically operated Sluice Valve PN 1.0 dia 80 mm	Rate/HP Nos Nos Nos	2.00	30467 43120 125000 125000	250000
7.13 7.14 7.15 8.00 9.00 A.1.9.00 9.01 9.02	40 HP Variation in HP due to change of site locations increased/decreased in per HP of the proposed pumping plants. Pressure Transmitter Electrically operated Sluice Valve:- Electrically operated Sluice Valve PN 1.0 dia 100 mm Electrically operated Sluice Valve PN 1.0 dia 80 mm Electrically operated Sluice Valve PN 1.0 dia 150 mm Electrically operated Sluice Valve PN 1.0 dia 150 mm Electrically operated Sluice Valve PN 1.0 dia 200 mm Check Valve:-	Nos Nos Nos Nos Nos Nos	2.00	30467 43120 125000 125000 125000 150000	250000 125000
7.13 7.14 7.15 8.00 9.00 A.1. 9.00 9.01 9.02	40 HP Variation in HP due to change of site locations increased/decreased in per HP of the proposed pumping plants. Pressure Transmitter Electrically operated Sluice Valve:- Electrically operated Sluice Valve PN 1.0 dia 100 mm Electrically operated Sluice Valve PN 1.0 dia 80 mm Electrically operated Sluice Valve PN 1.0 dia 150 mm Electrically operated Sluice Valve PN 1.0 dia 150 mm Electrically operated Sluice Valve PN 1.0 dia 200 mm Check Valve:- Check Valve PN 1.0 DPCV dia 100 mm	Nos Nos Nos Nos Nos Nos	2.00	30467 43120 125000 125000 125000 150000	250000
7.13 7.14 7.15 8.00 9.00 A.1. 9.00 9.01 9.02 9.03 9.03.01	40 HP Variation in HP due to change of site locations increased/decreased in per HP of the proposed pumping plants. Pressure Transmitter Electrically operated Sluice Valve:- Electrically operated Sluice Valve PN 1.0 dia 100 mm Electrically operated Sluice Valve PN 1.0 dia 80 mm Electrically operated Sluice Valve PN 1.0 dia 150 mm Electrically operated Sluice Valve PN 1.0 dia 150 mm Electrically operated Sluice Valve PN 1.0 dia 200 mm Check Valve:-	Nos Nos Nos Nos Nos Nos	2.00	30467 43120 125000 125000 125000 150000	250000 125000



BOQ Item No.	Description	Unit	Qty.	Rate	Amount
	Dismantling Joint :-			1	
9.06	Dismantling Joint PN 1.0 dia 100 mm	Nos	3.00	3923.92	1177
9.07	Dismantling Joint PN 1.0 dia 150 mm	Nos	3.00	5605.6	1681
9.08	Dismantling Joint PN 1.0 dia 200 mm	Nos		7367.36	1001
9.09	SITC of Chain Pulley Blocks	1100	The contraction of the contracti	7307.50	· · · · · · · · · · · · · · · · · · ·
9.10	1 Tonne	Nos	1.00	46305	46305
9.11	2 Tonne	Nos		58432.5	***************************************
10,00	Turbidity & Chlorine analyzer	Nos	1.00	273000	273000
	Hydrostatic Level Sensor:-	***************************************		1 272000	273000
11.00	Providing and installation hydrostatic level sensor at all tubewell pumping system including all accessories etc. complete in all respect as per instructions of Engineer -in -charge.	Nos	1.00	126000	126000
12.00	Stabalizer		erin er 1600 b. i sahar erre erre erre erre erre er		1.272.60
12.01	2 KVA	Nos		12777.78	** CPC= UPSCORES + SPCOP ACCUSES
12.02	5 KVA	Nos	***************************************	25555.56	**************************************
12.03	7.5 KVA	Nos		44722.22	**************************************
12.04	10 KVA	Nos	P-8404-8-04-03-04-0-13-0-1-1-0-0	127777.78	
12.05	I5 KVA	Nos	A. 400 - 600 0000 0 a servicio de la constitución d	166111.11	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
12.06	20 KVA	Nos		191666.67	***************************************
12.07	25 KVA	Nos		204444.44	
12.08	30 KVA	Nos	ACTORIO AND AND THE SECOND AND AND AND AND AND AND AND AND AND A	230000	
12.09	40 KVA	Nos	CTPOTO - GSS - Susseque value de l'espe	281111.11	W Mile Verening in
12.10	50 KVA	Nos	***************************************	319444.44	***************************************
12.11	60 KVA	Nos		345000	
13.00	Column Pipe:- SITC of Column pipe of MS pipe for connecting submersible pumps				***************************************
13.01	32 mm Dia size - MS pipe	Mtr.		500	
13.02	40 mm dia size - MS pipe	Mtr.		666.67	
* 13.03	50 mm dia size - MS pipe	Mtr.		921	
13.04	65 mm Dia size - MS pipe	Mtr.		1066.67	
13.05	80 mm Dia size - MS pipe	Mtr.	***************************************	1400	
13.06	100 mm Dia size - MS pipe	Mtr.	30.00	1567	47010
13.07	150 mm Dia size - MS pipe	Mtr.		2167	The second secon
14.00	Chlorinating System:- Supply, Installation of chlorinating system with dosing pump 0-6 LPH capacity with 100 Litres(1w+1s) tanks, valves, pipes with required accessories (Automatic dosing system for chemical injection)	JOB	1.00	112000	112000
15.00	Fluoride Removal Plant:- Supplying, installation, testing, commissioning of Fluoride removal plant for required capacity including transportation and labour charges as complete. (vendor have to select the technology based on capacity (Electrolytic-de fluoridation plant or media based system). Rates for400 KLD/ 500 LPM	LS	W 1/4 201111	8062500	
16.00	Iron Removal Plant:- Supplying, installation, testing, commissioning of Iron removal plant which includes vessel, media, piping valves etc. for required capacity including transportation and labour charges as complete. Rates for400 KLD/ 500 LPM	LS		6062500	
17.00	Arsenic Removal Plant:- Supplying, installation, testing, commissioning of Arsenic removal plant which include vessel, media, piping valves etc. for required capacity including transportation and labour charges as complete. Rates for 400 KLD/500 LPM	LS		9000000	A COMMON AND AND AND AND AND AND AND AND AND AN



BOQ Item No.	Description	Unit	Qt)'	Rate	Amount
18.00	TDS and Hardness Removal Plant:- Supplying, installation, testing, commissioning of reverse osmosis plant which includes pump, micron cartridge filter, high pressure pump, reverse osmosis membrane, cleaning system and required piping and valves etc. complete for required capacity including transportation and labour charges as complete. Rates for 400 KLD/ 500 LPM	LS		13125000	
19.00	Tube Well Electrification:- Internal electrification of tube well	LS	1.00	20000	20000
20.00	Solar Power Plant:- SITC of Solar power plant (for complete plant) including solar pannel, Structure, invertor etc. complete in all respect with required material, T&P labour	KW	22.00	86800	1909600
21.00	Boundary Walt:- Construction of 1.3 m high and 115mm thick boundary wall with 230 mmx230 mm thick pillar made in Brick masonry in 1 cement and 4 sand mortar, the spacing between two pillar should not be more than 3.0 m c/c and the depth of foundation should not be less than 0.60m, at the site of water works as per departmental type design and drawing, and, as per specifications given in the bid document including supply of all materials, labour T&P etc.for proper completion of work as per instructions of Engineer -in - charge. (Drawing No.D-1)	Rmt	125.20	6400	801280
22.00	MS Gate:- Supply and fixing of 3.6 m x 1.20 m MS gate including fabrication and supply of steel and construction of bounary wall pillars of size 1.35mx0.23mx0.23m with ornamental brick work 115mm th. around RCC, as per departmental type design and drawing (Drawing No. D-1) and as per specifications laid down in the bid document, including supply of all material, labour,T&P etc.required for proper completion of work as per instructions of Engineer-in-charge.	No.	1.00	52000	52000
23.00	MS Wicket Gate:- Supply and fixing of 1.2m wide MS wicket gate including fabrication and supply of steel and construction of boundary wall pillars etc. as per specifications laid down in the bid document, including supply of all material, labour, T&P etc. required for proper completion of work as per instructions of Engineer-in- charge.	No.	1.00	19000	19000
24.00	Interlocking Pavement:- Construction of Interlocking pavement for approach to water works, as per departmental type design and drawing and as per specifications laid down in the bid document, including supply of all materials, labour, T&P etc.required for proper completion of work as per instructions of Engineer -in -charge.	Sqm.	232.20	1070.5	248570
25.00	Granular Sub Base:- Construction of granular sub base by providing coarse grade materials, spreading in uniform layers including watering and compaction complete.	Cum	46.44	2800	130032
26.00	Construction of WBM:- Construction of WBM by providing grade materials, spreading in uniform layers including watering and compaction complete.	Cum	58.05	3029	175833



BOQ Item No.	Description	Unit	Qŋ	Rate	Amount
27.00	Earth Filling:- Earth filling work for proper leveling of water work site, in accordance with the contour map and Grid map of existing site enclosed (Drawing no.D-1), including leveling, dressing, excavation and filling of earth where necessary and also including all labour, materials, T&P etc.required for proper completion of works and also including carriage of earth from within a distance of about 8 km. from the site of works as per instructions of Engineer -in -charge.	Cum		890	
28.00	Semicircular Drain:- Provision for inside semicircular drain 200mm dia including supply of all materials, labour and T & P etc. complete.	Rmt	156.50	1607.14	25151
29.00	Pump House (3.6x3.0x3.0):- Provide all materials, labour, T&P etc. complete and construct Pump house size (3.6x3.0x3.0)m Chlorinating room size (2.5x1.8x3.0)m as per departmental type design and drawing (drawing no-D-2) and as per the specifications for civil work given in the bid document, including supply of all material, labour and T&P etc complete as per instructions of Engineer -in - charge.	Job	1.00	597000	59700
30.00	Pump House (2.5x3.0x3.0):- Provide all materials, labour, T&P etc. complete and construct Pump house size (2.5x3.0x3.0)m Chlorinating room size (1.5x1.3x3.0)m as per departmental type design and drawing (drawing no-D-2) and as per the specifications for civil work given in the bid document, including supply of all material, labour and T&P etc complete as per instructions of Engineer -in - charge.	Job		404000	The state of the s
31.00	Bye-pass Chamber:- Provide all materials, labour, T&P etc. complete and constructed Bye- pass chamber for pump house (1000 (L) x 1000 (W) x 1150 (H) mm) drawing (drawing no.D-3) and as per the specifications for civil work given in the bid document, including supply of all material, labour and T&P etc complete as per instructions of Engineer -in - charge.	No.	1.00	14600	1460



BOQ Item No.	Description	Unit	Qty	Rate	Amount
No. 32.00	OHT:- Supply of all materials labour T&P etc. for complete construction of R.C.C. Over Head Tank of following capacity and staging above ground level with main components, including cost of soil testing and assuming bearing capacity of soil as 8 MT, with supply of design and drawings. All the water retaining components of OHT shall be casted in M-30 concrete and minimum grade of concrete of foundation and staging should be M-25 with approved cement, coarse sand and stone grit as per I.S. 11682 and I.S.456 Seismic effects and wind load should be taken into consideration as per I.S. 1893 for earthquake resistance and I.S. 875 part-III for wind load on structure and including IM wide RCC staircase, 1 m wide R.C.C. M30 balcony, M.S. ladder made of 50x50x6 mm angle section and 20mm plain M.S. bars with hand rails of 20mm medium class G.I. pipes, One aluminum ladder inside the tank from top dome to bottom dome, R.C.C. railing with 20mm dia medium class G.I.pipe (in 3 rows) on both sides of stair case, supported on 50x50x6mm M.S. angle section, spaced at intervals not more than 1.5m, Proper ventilator at top dome in circular shape of 1.2 m dia, Water level indicator fabricated with sensor connecting to automation, Lightening conductor as per I.S.S.2309 or its latest amendments of latest electricity rules, consisting of proper elevation rod with 5 or more fork points as prescribed in ISS 2309-1969 and ISS 3013-1966, C.I. manhole of min 60x60cm size with locking arrangement, Supply, fixing, jointing of D.I.D/F Pipes of appropriate size with D.I.D/F specials conforming to IS 8329/2000 as vertical pipes for inlet, outlet, overflow and washout as per latest / relevant I.S. specifications with all jointing materials for proper completion of work, Construction of bed blocks in 1:2:4 PCC with cement, coarse sand and approved stone grit, Construction of washout / overflow chamber and chambers for sluice / butter fly valves as per departmental type design and drawing, Supply of 200 mm dia PVC pipe as per I.S 4985/2000 for dis	Citi	24	Rate	Amount
**************************	surface and steel pipe works with three coats of				
32.01	50 KL 10 M Staging	Job		1712500.00	
32.02	50 KL 12 M Staging	Job		1788750.00	
32.03	75 KL 10 M Staging	Job		2150000.00	
32.04	75 KL 12 M Staging	Job	· MORE COMMISSION AND COMMISSION OF THE COMMISSI	2242500.00	***************************************
32.05	100 KL 12 M Staging	Job		2886250.00	
32.06	100 KL 16 M Staging	Job		3073750.00	* ************************************
32.07	150 KL 12 M Staging	Job		3241250.00	
32.08	150 KL 16 M Staging	Job	*******************************		
32.09	175 KL12 M Staging		1.00	3457500.00	
32.10		Job	1.00	3441250.00	34412
VII STORMAN A SHARMAN STORMAN AND AND AND AND AND AND AND AND AND A	175 KL 16 M Staging	Job	unio accesso de 100	3732500.00	
32.11	200 KL 12 M Staging	Job		3843750.00	to the state of th
32.12	200 KL 16 M Staging	Job		4040000.00	T 400-4000 A - A - A - A - A - A - A - A - A -
32.13	200 KL 18 M Staging	Job	· · · · · · · · · · · · · · · · · · ·	4105000.00	
32.14	225 KL 12 M Staging	Job		4170000.00	
32.14.1	225 KL I4 M Staging	Job		4587000.00	4777340 44
32.15	250 KL 12 M Staging	Job		4537500.00	
32.16	300 KL 12 M Staging	Job	***************************************	4877500.00	11.000000000 (10000000000000000000000000
32.17	300 KL 16 M Staging	Job	**************************************	5508750.00	tronomic version on sy
32.18	350 KL 14 M Staging	Job		6093750.00	A
	400 KL 14 M Staging	Job	**************************************	6830000.00	
32.20	400 KL 16 M Staging	Job	- The second sec	7021250.00	With the second second
	500 KL 14 M Staging	Job	*6-60-W60*******************************	7457500.00	
And the same of the ball of the same of th	25 KI 10 M Staging	Job	er enter i Krigge - Addisobbeno anno anno anno a	1296250.00	**************************************
32.23	25 KI 12 M Staging	Job		1363750.00	***************************************
CTV900-00009000-00-0000000-0000-00-00-00-00	For 2 m Staging (5% additional per Meter)	700		1 1202120.00	



BOQ Item No.	Description	Unit	Qn'	Rate	Amount
33.00	Excavation:- Excavation of earth in ordinary soil (loam, clay or sand) for pipe line and rising main trenches including lift upto 1.50 m and lead upto 50 m and refilling watering, ramming of the excavated earth into the trench and also disposal of surplus earth upto 50m from the center of the trenches including supply of all material labour, T&P etc complete as per instructions of Engineer -in -charge.				-12
34.00	Ordinary Soil	Cum	6818.23	214,61	146326
35.00	Mixed Soil with Kankar	Cum	1716.38	249.27	42784
36.00	Soft Rock	Cum	1710.36	943.82	4210
37.00	Hard Rock	Cum	***************************************	1319.18	
Additional	Disposal of Surplus Earth top 300 mm ht.	Cum	*************************		
38.00	Sand Bedding:- Sand Bedding in trenchs in layers not exceeding 10 cm. in depth, consolidating each deposited layer by ramming and watering complete as per instructions of Engineer.	Cum	9.29	1656.00	1538
39.00	Retaining Wall:- Construction of Retaining Wall for Protection Survey, Investigation, Soil Testing, Planning, construction, commissioning etc. as per design and drawing provided by the contractor all in accordance with the relevent latest I.S. Codes and approved by the Engineer as per conditions of the bid documents. The design and drawings provided by the contractor should be betted by any IIT Institute or Government Engineering College approved by the Engineer, on contractor's cost. For construction of R.C.C. retaining wall including excavation of earth in hard rock/soft rock/ Kanker /morrum /bajri etc. for foundation, Plain Cement Concrete 1:4:8 (one cement four fine aggregates and eight coarse aggregates) and supply of steel as per drawing including bending, binding with all type of binding materials including wastage of steel Reinforced Cement Concrete (M20) 1:1½:3(one cement one and half fine aggregates and three coarse aggregates) including cost of all arrangement of shuttering, scaffolding and water with supply of all materials, labors T&P etc. required for proper completion of works as per the directions of the Engineer (Provisional)	Cum		16400.00	
40.00	Ductile Iron Pipes:- Supply of following sizes (D.I.) pipes for rising main/distribution system conforming to latest/relevant I.S. 8329/2000 Specifications-with all jointing materials such as specials conforming to latest/relevant I.S. specifications, suitable for D.I pipes, as per IS-1239/2000 and IS 8329/2000 or their latest amendment including F.O.R. destination and all taxes and insurance etc. with loading, unloading and Carting up to site of work, also including specials for these pipes and lowering them into the trenches and laying true to alignment and gradient and jointing etc. complete (including testing of pipe lines and cutting of pipes for making up the length but excluding the cost of trenches).all complete as per instructions of Engineer -in -charge.			ST-26-	
***************************************	Ductile Iron Pipe (K-9)				
40.01	300 mm dia Ductile Iron K-9	m		3877.6	C. C. Walander Wildeling Committee Committee
40.02	250 mm dia Ductile Iron K-9	m	*************************	3103.5	entre extensive della communication della comm
40.03	200 mm dia Ductile Iron K-9	m		2332.32	g
40.04	150 mm dia Ductile Iron K-9	m	35.00	1728.48	6049
*40.05	125 mm dia Duetile Iron K-9	m	22.00	1411.41	0049
40.06	100 mm dia Ductile Iron K-9	m	·····	1191.41	**************************************
40.07	80 mm dia Ductile Iron K-9	***************************************		905.41	
M #5 Nomenton	Ductile Iron Pipe (K-7)	m		707.41	



BOQ Item No.	Description	Unit	Qn	Rate	Amount
40.08	300 mm dia Ductile Iron K-7	m		3151.6	
40.09	250 mm dia Ductile Iron K-7	m		2564.5	
40.10	200 mm dia Ductile Iron K-7	m	***************************************	1848.32	
40.11	150 mm dia Ductile Iron K-7	m	1	1497.48	
40.12	125 mm dia Ductile Iron K-7	m		1301.41	COMESS AND ADDRESS OF THE SECOND
40.13	100 mm dia Ductile Iron K-7	m	// / www. / www.da. // www.min. wi-	1007.11	***********************
40.14	80 mm dia Ductile Iron K-7	m	**************************************	909.49	>
41.01 41.02	HDPE Pipes PN6, PE 100:- Supply of following sizes pipes for distribution system conforming to latest/ relevant I.S. 4984/1995 Specifications with all jointing materials and specials conforming to latest /relevant I.S. specifications including F.O.R. destination and all taxes and insurance etc. with loading, unloading and Carting up to site of work, also including specials for these pipes and lowering them into the trenches and laying true to alignment and gradient and jointing etc. complete (including testing of pipe lines and cutting of pipes for making up the length but excluding the cost of trenches) all complete as per instructions of Engineer -in -charge. 90 mm dia HDPE Pipe PN6, PE 100 75 mm dia HDPE Pipe PN6, PE 100	ones principal de la companya de la	2256.00 1482.00	229.5 169.2	517752
41.03	63 mm dia HDPE Pipe PN6, PE 100	m m	7582.00	169.2	250754 953816
42,00	Supply and carting up to site of work of the following dia DI butterfly /sluice valves, class I, working pressure 10 Kg/cm2 confirming to IS: 780/1969 or its latest amendments, including valve fittings & Dismantling Joints as per requirement F.O.R. destination, and lowering them into the already prepared trenches, fixing in position and jointing them with pipelines and testing etc. complete and also including supply of jointing materials etc. complete including all taxes and insurance, as per instructions of Engineer -in -charge.				
42.01	Isolating Sluice Valve	***************************************			**************************************
42.01	Sluice valve - 300 mm dia	Nos		64042.00	
42.02	Sluice valve - 250 mm dia	Nos		48109.00	
42.03	Sluice valve - 200 mm dia	Nos		27304.00	* 0.00000000000000000000000000000000000
42.04	Sluice valve - 150 mm dia	Nos	2.00	17626.00	35252
42.05	Sluice valve - 125 mm dia	Nos	3.00	14505.00	43515
42.06	Sluice valve - 100 mm dia	Nos	4.00	14455.00	57820
42.07	Sluice valve - 80 mm dia	Nos	1.00	12401.00	
42.07.1	Sluice valve - 65 mm dia	Nos.	1.00	10650.00	12401
42.07.2	Sluice valve - 50 mm dia	Nos.	Y275 XW200 XW200 44600	9700.00	~ #85161.4mm
Y 270	Scour Valve	1403.		9700.00	v -wews.c
42.08	Scour valve - 80 mm dia	Nos	0 00	10160.04	O.D.O.
42.09	Scour valve - 100 mm dia		8.00	10160.84	81287
42.10	Scour valve - 150 mm dia	Nos		12535.28	**************************************
42.11	Scour valve - 200 mm dia	Nos		17625.57	
42.12	Scour valve - 250 mm dia	Nos		27304.03	
42.13	Pressure Relief Valve	Nos		48109.48	4 · · · · · · · · · · · · · · · · · · ·
TO University of the second se	PRV 80 mm dia		V		87 t/, 05 o/ www.
THE STATE OF THE SECOND PROPERTY OF THE SECON	PRV 100 mm dia	Nos		54219.00	- WATEROX INDIANAMAN ARMININA
CONTRACTOR OF THE GRADIES AND ADDRESS OF THE SAME ADDRESS OF T	PRV 150 mm dia	Nos	······································	80025.00	
TO STATE OF THE ST	Single / Double ball type Air Valve:- Supply and installation, testing etc. of single/double ball type air valve conforming to latest/relevent I.S. specifications including all taxes and insurance, carting up to site of work and lowering them into the trenches, fixing in position and	Nos		124575.00	
42.17	jointing them with pipelines and testing etc. complete (including supply of jointing materials and Valve fittings etc complete) as per				The state of the s
42.17	supply of jointing materials and Valve fittings etc complete) as per instructions of Engineer.		***************************************		
42.17	supply of jointing materials and Valve fittings etc complete) as per instructions of Engineer. 20 mm	Nos	8.00	10229,21	81834
42.18 42.18 42.19	supply of jointing materials and Valve fittings etc complete) as per instructions of Engineer.	Nos Nos Nos	8.00	10229.21 23170.33	81834



BOQ Item No.	Description	Unit	Qtr	Rate	Amount
42.21	150 mm	Nos	T	41024.88	
42.22	Fire Hydrant:- Supply of under ground sluice value type fire hydrant consisting of 80 mm dia sluice valve, 80mm dia tail pieces, 80mm dia duck foot bend and 80 mm dia standard makes iron coupling with cap and etc. complete conforming to latest/relevent I.S. specifications including all taxes and insurance up to site of work and lowering them into the trenches, fixing in position and jointing them with pipelines and testing etc. complete (including supply of jointing materials and Valve fittings etc. complete as per instructions of Engineer -in - charge.	Nos	6.00	24500.00	14700
43.00	Valve Chambers:- Construction of following type chambers as per department type design and drawing including Heavy duty M.S. Manhole Cover and all materials, labour, T&P etc complete for proper completion of work as per instructions of Engineer -in -charge.				W.600.4
43.01-43.02	Sluice Valve Chamber (Masonry Type):- Dia upto 200 mm - 1000 (L) x 1200 (W) x 1300 (H) mm	No.	10.00	25800.00	25800
43.03	Sluice Valve Chamber (Surface Box Type):- Dia upto 200 mm - 1000 (L) x 1200 (W) x 1300 (H) mm	No.	- # .	5000.00	
43.04 43.05	Fire Hydrant chamber (800 (L) X 1250 (W) X 1000 (H) mm) Air Valve Chamber	No.	6.00	18500.00	11100
43.06	350 (L) x 350 (W) x 500 (H) mm		Comment of the State of the Sta	· · · · · · · · · · · · · · · · · · ·	
43.07	Scour Valve Chamber	No.	8.00	9000.00	72000
43.08	dia upto 200 mm - 1000 (L) x 1200 (W) x 1300 (H) mm	B1	9.00		0-00-800.00.00.00
43.09	PRV Valve Chamber - 1000 (L) x 1200 (W) x 1300 (H) mm	No. No.	8.00	29670.00 28380.00	237360
44.00	sand & 20 mm gauge stone ballast in proportion of 1:1.5:3, for pipe line, including supply of MS reinforcement wrought to equired shape as necessary ,its bending, fixing & binding the same with 0.50 mm thick binding wire in position & necessary centering & shuttering including curing and supply of all materials, labour, T & P etc. required for proper completion of the work and as per specifications for RCC work as per instructions of Engineer -in -charge.				
44.01	Reinforced Cement Concrete:- Design and construct Thrust Block made in Reinforced Cement concrete (1:1.5:3), with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, as per technical requirements.	Cum	0.40	13656.33	5463
44.02	Shuttering:- Providing shuttering for Thrust block using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete works curved or straight including fitting fixing and striking out after completion of works.	Sqm	4.00	420.00	1680
44.03	Reinforcement of Thrust Block:- Providing reinforcement of Thrust block for reinforced concrete work including distribution bars, stirrups, binders etc. initial straightening and removal of loose rust (if necessary), cutting to requisite length, nooking and bending to correct shape, placing in proper position and binding with wire at every inter-section, complete as per drawing and direction.	мт	0.02	109838.98	2197
.45.00 C	Staff Quarter / Office Room:- Provide all materials labour, T&P etc. and construct single room staff quarter / office room at water works site identified by the Engineer-in-tharge as per department type design and drawing and specifications of ivil works laid down in the bid document, including all material abour, T&P etc complete for proper ompletion of work as per instructions of Engineer -in -charge. Drawing No.D-7)	No	1.00	970600	970600



BOQ Item No.	Description	Unit	Qty	Rate	Amount
46.00	Recharge Mechanism:- Water recharge Mechanism within the water works campus	Sqm	4.00	52500.00	21000
47.00	Backfilling of Earth:- Backfilling of abandoned tube well with available Earth	Cum		107.00	V Manuscotti i distribi malico un di
48.00	Assest replacement items		500 C (100 C) (100 C)	***************************************	· · · · · · · · · · · · · · · · · · ·
48.01	Pumping Plant:- SITC of Pumping plant including pumps with motors, starter, pannel, cable, complete in all respect with all required material T&P labour etc.				7
48.02	1 HP	Nos		32518.98	Annual minutes of the contract of the contract of
48.03	2 HP	Nos		35843.14	. *************************************
48.04	3 HP	Nos	PM 1000 http://www.neers.com	46249.21	/ NEBEX
48.05	5 HP	Nos		65037.95	······································
48.06	7.5HP	Nos	*****************************	228500,00	
48.07	10 HP	Nos		230200.00	
48.08	12.5 HP	Nos		238800.00	· ***
48.09	15 HP	Nos		252100,00	* 2-7-8
48.10	17.5 HP	Nos		276504.56	***************************************
48.11	20 HP	Nos		295500.00	
48.12	25 HP	Nos		The same and the same of the s	
48.13	30 HP (discharge 1000 LPM Head 62 m)	Nos	· · · · · · · · · · · · · · · · · · ·	334043.48	***************************************
48.14	35 HP	***************************************	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ 	366163.04	····
48.15	40 HP	Nos		393723.70	***************************************
48.16	Turbidity & Chlorine analyzer	Nos	.	426547.83	
	Hydrostatic Level Sensor:-	Nos	-	273000.00	
48.17	Providing and installation hydrostatic level sensor at all tubewell pumping system including all accessories etc. complete in all respect as per instructions of Engineer -in -charge.	Nos		126000.00	
48.18	3Mtr. Long Column Pipe				**************
48.19	32 mm Dia size - MS pipe	7 (20)	· ************************************		erronamento en espera de sucrese en
48.20	40 mm dia size - MS pipe	Nos	***************************************	1500.00	Continues of Conti
48.21	50 mm dia size - MS pipe	Nos	455550 3550 44550 4550	2000.01	w. water a commence of the com
48.22	65 mm Dia size - MS pipe	Nos		2763.00	The second secon
48.23	80 mm Dia size - MS pipe	Nos	***************************************	3200.01	
48.24	100 mm Dia size - MS pipe	Nos	· ····································	4200.00	
	150 mm Dia size - MS pipe	Nos	***************************************	4701.00	
40.23	130 Initi Dia Size - M5 pipe	Nos	V-100-000000000000000000000000000000000	6501.00	
49.00	Tubewell Automation System:- Installation of suitable capacity simple T.W. automation system to control operation of the pumping plant with respect to high/low water level in OHT iwith RTU panel, 7" HMI screen, surge device including enrgy meter inside the pump house with arrangement for communication of data with GSM and GPRS system to show required parameters including all accessories etc. complete in all respect as per instructions of Engineer -in -charge.	Job	1.00	375000	375000
50.00 s	Dismantling of Roads:- Dismantling of Following type of surfaces including sorting out and stacking of serviceable materials and disposal of unserviceable materials upto a distance of 50m as per instructions of Engineer -in - charge.				
	B.O.E. Surface	Sqm	1238.53	100.00	123853
	Bituminous Surface	Sqm	567.43	200.00	***************************************
	nterlocking Road	Sqm		155.00	113487
50.04	C.C. Road	Sqm	168.11	329.96	55469
51.00 n	Restoration of Roads:- Reinstatement of the following type of road surface with old and new naterials including supply of all materials, labour, T&P etc. required or proper completion of the work as per instructions of Engineer -in - harge.	***************************************		2.2.2	JJ407
				interest to the second	***************************************
51.01 IR					
51.01 B 51.02 B	B.O.E. Surface (50% of existing bricks to be reused)	Sqm Sqm	1238.53 567.43	350 1534.82	433485 870907



BOQ Item No.	Description	Unit	$Q_{\mathcal{D}'}$	Rate	Amount
51.04	C.C. Road	Sqm	168.11	1560.71	26236
52.00	Nala/Culvert Crossing:- Provision for following types of Culvert crossing -along the alignment of pipe line complete as per instructions of Engineer -in -charge. (casing of pipe is done by concreting)	**************************************	94A 100011	Marie I annual annua	TO T
52.01	Nala/Culvert Crossing (width -3.5 m) upto Dia 300 mm	Nos	2.00	19000	38000
52.02-52.03	Trenchless Crossings:- Survey site Investigation Planning, design Drawings as per State Road manual and vetting / checked from State Road Divisional Office and taking NOC for trenchless crossing of National highway road and Railway track(crossing length 15m to 25m), Road for of required dia Rising main pipe with casing pipe as required for proper completion of work required size of MS casing pipe as per drawing and as per (IS:3589 & made from confining to IS:2062) with 750 Micron PU coating internally and 250 micron anti corrosive bituminous paint externally by trenchless technology method at an average depth 3.60 mtr from normal ground level up to top of casing pipe including excavation & filling of Pit, Dewatering arrangement, Supporting system for soil, also including supply and fixing of 2 no Sluice valve ISI Mark, construction of sluice valve chamber etc. all complete work including supply & fixing specials in carrier pipe over main pipe, as per specification given in the bid documents including supply of all materials, labour T&P etc. for proper completion of work as per instruction of Engineer.				33000
52.04	Railway Line crossing (Upto Dia 350 mm)	······································		***************************************	4.4.6
52.05	National Highway road crossing (Upto Dia 350 mm)	Nos		60000	***************************************
52.06	State Highway road crossing (Upto Dia 350 mm)	Nos Nos	1.00	40000 27000	40000
52.07	Road Crossing:- Excavation in foundation of trench of proper size in soil mixed with moorum, Shingle, Kankar, soft rock, hard rock, including refilling, dressing and ramming earth or sand or bajri, ballast, including providing, supply, carting, lowering, laying and jointing of casing pipe of RCC NP-3 with appropriate size, with rubber ring joint, sand filling in gap inside RCC pipe, insertion of distribution pipe into the encasing pipe including supply of T&P, including concrete of 150 mm thick in with 40mm gauge brick ballast local sand and cement in proportion of 8:4:1, provision for barricading, labour for traffic diversion etc. Complete for proper completion of work as per instruction of Engineer.				27000
52.08	50 mm dia. Pipe	Nos		1400	to A Million and a superior and a su
52.09	100 mm dia. Pipe	Nos		1700	
	150 mm dia. Pipe	Nos		2000	
	200 mm dia, Pipe	Nos		2400	
	250 mm dia. Pipe	Nos	***************************************	3600	***************************************
	300 mm dia. Pipe	Nos		3900	**************************************
	350 mm dia. Pipe	Nos	***************************************	4386	- 10 And
	400 mm dia. Pipe	Nos	······································	4700	······
	450 mm dia. Pipe	Nos	······································	5200	
	500 mm dia. Pipe	Nos		6200	**************************************
52.18	600 mm dia. Pipe	Nos		7600	



BOQ Item No.	Description	Unit	Qty	Rate	Amount
53.00	Functional House Tap Connection:- Making house connection should be done atleast 2 m inside the boundary wall with provision of tap from distribution line to outer wall of house, with supply of 1 m G.l. pipe (15 mm) (above ground) & average 5 mtr. MDPE Pipe (20 mm) (below ground) including specials, saddle, Tap,etc. of suitable size, T&P etc. including excavation, laying and jointing for proper completion of work as per instructions of Engineer as per Dwg 12 (excluding road restoration)	Nos.	379.00	3500	132650
54.00	Stand Post:- Construction of single tap pillar type stand post as per type design	Nos.	18.00	10000	18000
55.00	Operation and Maintenance:- Operation and Maintenance for 10 years of water supply schemes after completion including staff required for operation and maintenance, chemicals, all materails, specials T & P for operation and maintenance excluding electricity charges. (2% of Capex cost for first year of O&M) Note:- 6% Infletion Factor considered for arriving the O&M Cost from Second Year onwards.	Rs			
55.01	Cost of DPR Preparation @ 1% of CAPEX Cost of DPR	%		######################################	
56.00	Electromagnetic flow meters			40 M MARKA WAR WAR WAR WAR WAR WAR WAR WAR WAR WA	***************************************
56.01	150mm	Nos.		150000	
56.02	200mm	Nos.	MANAGE NA	150000	
56.03	[250mm	Nos.		190000	
56.04	300mm	Nos.		225000	
56.05	350mm	Nos.	**************************************	260000	
56.06	400mm	Nos.	· · · · · · · · · · · · · · · · · · ·	330000	~~~~~~
56.07	450mm	VAC WINDS 10 1 10 1		420000	
56.08	500mm	Nos.	······································	500000	XII.aXXXXIII.II.II.II.II.II.II.II.II.II.II
A.I-56.09	100mm	Nos.	**************************************	550000	***************************************
A.I-56.10	Bonm	Nos.	1.00	100000	100000
57.00	Soft Starter :-	Nos.		80000	V-0000-0000000-111111111111111111111111
57.01			1.W.1.dau	11 THE R. P. LEWIS CO., LANSING MICH.	**************************************
57.02	soft starter with RS485 port -400V,7.5KW Rating	Nos		60000	200000000000000000000000000000000000000
****	soft starter with RS485 port -400V,15KW Rating	Nos		70000	
57.03	soft starter with RS485 port -400V,22KW Rating	Nos		85000	
57.04	soft starter with RS485 port -400V,30KW Rating	Nos	=	100000	***************************************
57.05	soft starter with RS485 port -400V,45KW Rating	Nos		125000	
57.06	soft starter with RS485 port -400V,55KW Rating	Nos		140000	Marine and American Street, Copy of
57.07	soft starter with RS485 port -400V,75KW Rating	Nos	200000000000000000000000000000000000000	150000	
57.08	soft starter with RS485 port -400V,90KW Rating	Nos	***************************************	175000	
57.09	soft starter with RS485 port -400V,110KW Rating	Nos	0.0077075000000000000000000000000000000	225000	The translation determinant of the house of the second
57.10	soft starter with RS485 port -400V,132KW Rating	Nos	***************************************	250000	
57.11	soft starter with RS485 port -400V,220KW Rating	Nos		275000	**************************************
57.12	soft starter with RS485 port -400V,250KW Rating	Nos		325000	***************************************
57.13	soft starter with RS485 port -400V,312KW Rating	Nos		375000	Chi com hele committee and
57.14	soft starter with RS485 port -400V,450KW Rating	Nos	***************************************	550000	distribution of the state of th
58.00	Auto Phase Reversal Unit:-	213071219422			T. V. S.
58.01	100 Amp rating	Nos		45000	#### \$155.00 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$
58.02	125 Amp rating	Nos	***************************************	50000	en e
58.03	160 Amp rating	Nos		70000	
58.04	200 Amp rating	Nos		120000	""W" de Meridian en maior en entre pays aus
	250 Amp rating	Nos	~~	135000	***
	315 Amp rating	Nos	······································	140000	2
58.07	400 Amp rating	Nos		150000	19.1 toberesses comment pages, Value con comm
58.08	500 Amp rating	Nos		190000	
-58.09	630 Amp rating	Nos			
	Radar type Level transmitter	Nos	100	225000	10000
Commence of the second	Control Panel:-	1105	1.00	120000	120000
	control panel for all power equipments with IP 54 protection	Nos	1.00	120000	120000

SLSS C- 239, SZ Estimate for Fulhar khurd Gram Panchayat

OPR - 250,59

Water Supply Scheme

NWC-229,87 Block-Bansgaon, District-Gorakhpur

Under - SWSM

Form "J" - Comprehensive Scheme

Sr. No.	Description of Work	Amount (Rs. in Lacs)	96	0	Govt. of U.P. Share	Govt. of India Share	
1	2	3	4	5	6	7	
1	Cost of Work	219.66	17.11	219.66			201,50
2	0.14% Discount as per Contract on Cost of work	219.66	-0.14%	-8:31		Comments of the Comments of th	0.28
*******************************	Net Cost of Work			219/35	**************************************	\$ 0.00000000000000000000000000000000000	201.21
3	Add Contingency 2%	219.35	2.00%	1/39	**************************************	10 T2000 2 P500 4 00 00 00 00 00 00 00 00 00 00 00 00	4.02
	Sub Total (A)		1.00	223/14	111.87	111.87	205, 24
4	Add GST 12 %-B	223.74	12.00%	26.85	13.42	13.42	24,63
5	Add 12.5% Centage-C	223.74	12.50%	21.97	27.97	***************************************	25.66
	Grand Total (A+B+C)	Basin State Control of the Control o		278.56	153.26	125.30	255,5
6	Ist O&M Cost (after DLP)	219.35	29%	4,38	2.19	2.19	

TOTAL POPULATION A (ULTIMATE YEAR 2052)	4550
Per Capita Cost (NET COST+CONTIGENCY+GST)	5507

Member Secretary DWSM

Executive Engineer,

U.P Jal Nigam, 10th Div. Gorakhpur

Recommended By

Superintending Engineer,

23rd Circle

U.P Jal Nigam, Ayodhya

Recommended By

Superintending Engineer,

WHI CITETO

U.P Jal Nigam, 10th Dix Gorakhpur

Gorakhpur Zone

ronvarded As Recommended by DWSM For SLSSC

No.	Sub Head	Total Cost of work	Building	R.C.C. Reservoir	Pipe Line	Machinery	Misc.
Ped	2	3.0	4.0	5.0	6.11	7	S A
4	Civil works:	Milliothy de an herone announcement of the second of the s	A SAMOONA COMA A MASSA A CASAA		The second secon		P 6
-	Pump house & Chlorinating room	5,97,000	5,97,000	Anny (1988) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		And the second s	e descriptions de la company d
7	Rising Main	89,882		The second secon	89.882	1 70 763	The control of the co
3	R.C.C. Over head tank 350 KL/14 m staging 37 84121 -38,38,731	4,21 -38,38,731		38.38.731	and commence of the contract o		ere en
4	Distribution System	10 82;83;498-		82,83,498			O MA THE STREET STREET, STREET STREET,
S	Approach Road 10 A09C3	756,334	10,56,334	The state of the s	And the state of t	The same of the sa	
9	Boundary Wall and approach raod	Y	8,72,280	And the second of the second o			**************************************
7	Staff Quarter	79,70,600	9,70,600	Annual Section (1) The Control of th	alitical contract of the contr	And the second s	
00	Surveying and designing						715067
	(Total A) 1,43 4,663	63 4.59;24,287	34,96,214	1.21.22.229	89,882	1 70 763	3 15 063
E.	E&M works:		And the second s			3,7,6	49.2020
_	Cost of Tubewell construction	17,25,914	A CONTRACTOR CONTRACTO	man construction and instruction of course deposits from the construction and an arrangement of the construction of the constr	To the second se	17.25.914	mention of the contract of the
N	Cost of pumping plant and Chlorinating Plant	12,81,381		A Anna Anna and a Anna Anna Anna Anna An		12 81 381	(1) 1 (A) (A) Constitution of the property of the constitution of
~	Solar plant		Maria de la Companio de Compan	TO THE REAL PROPERTY CONTROL OF THE PARTY AND THE SECOND S	The second state of the se	19.09.600	And the second state of th
4	Electrification of pump house, SCADA IN LOND	1000,51,14			The state of the s	11.25,000	The state of the s
	од вой вой от вет вет вет ут у су с	- 100,41,895			The state of the s	60,41,895	The second secon
	G. Total (A+B)	2,19,66,183	34.96.214	1.21.22.229	80 887	K2 21 KER	7 18 067

201,50,158