



खण्ड कार्यालय
अधिकासी अभियन्ता,
उ०प्र० जल निगम, (ग्रामीण)
ग्वाल मैदान, कन्नौज (209725)

E-Mail ID
ee_ed_kannauj@yahoo.com
eeedopjekaannauj@gmail.com

पत्रांक:- / / दिनांक:-

सेवा में,
जिला पंचायत राज अधिकारी
कन्नौज।

विषय:- जनपद कन्नौज की "हर घर जल" से आच्छादित ग्रामीण पेयजल योजनाओं के हस्तान्तरण के सम्बन्ध में।

महोदय,
उपरोक्त विषयक अवगत कराना है कि विभिन्न विकास खण्डों में स्थापित योजनाओं के कार्य खण्ड द्वारा पूर्ण कराकर उक्त योजनाओं को "हर घर जल" से आच्छादित किया जा चुका है। अपर मुख्य सचिव उ०प्र० शासन के पत्रांक संख्या 1896/33-3-2022-1028/2022 टीसी दिनांक 11 नवम्बर 2022 द्वारा निर्धारित एस०ओ०पी० के अनुसार योजनाओं के हेण्डिंग ओवर/टेकिंग ओवर की कार्यवाही की जानी है।

अतः आपसे अनुरोध है कि सलगन सूची के अनुसार योजनाओं का हस्तान्तरण लेने का कष्ट करें।

संलग्नक-उपरोक्तानुसार।

भवदीय

(सुरेन्द्र कुमार)
अधिकासी अभियन्ता

पृ० सं० 11 / M-2 / दिनांक 3.1.23

प्रतिनिधि- निम्नलिखित को सूचना एवं आवश्यक कार्यवाही हेतु प्रेषित।

- 1- जिलाधिकारी महोदय, कन्नौज।
- 2- मुख्य विकास अधिकारी, महोदय कन्नौज।
- 3- अधीक्षण अभियन्ता मण्डल कार्यालय उ०प्र० जल निगम ग्रामीण कानपुर।
- 4- श्री सर्वेश कुमार सहायक अभियन्ता को इस निर्देश के साथ कि "हर घर जल" से आच्छादित योजनाओं को निर्धारित एस०ओ०पी० के अनुसार पोर्टल पर अपलोड करना सुनिश्चित करें।
- 5- श्री अभियेक कुमार मौर्य/श्री आशीष नुपता/श्री सुशान्त वर्मा जूनियर इंजीनियर।

अधिकासी अभियन्ता

"हर घर जल" से आच्छादित ग्राम पंचायतो का विवरण।

क्र.सं.	विकास खण्ड का नाम	ग्राम पंचायत का नाम	राजस्व ग्राम का नाम
1	जलालाबाद	गौरियापुर	गौरियापुर
2	तालग्राम	महोना	महोना
3	तालग्राम	समगुरा बहादुरपुर	समगुरा बहादुरपुर
4	तालग्राम	रजलामउ	रजलामउ
5	तालग्राम	गंगागंज गुरौली	गंगागंज गुरौली
6	तालग्राम	तमियामउ	तमियामउ
7	उमर्दा	पट्टी कडेरा	पट्टी
8	उमर्दा	पट्टी कडेरा	कडेरा
9	तालग्राम	असौलिया	असौलिया
10	तालग्राम	लालपुर	काजीपुरवा
11	तालग्राम	लालपुर	लालपुर
12	तालग्राम	नेकनामपुर	नेकनामपुर
13	तालग्राम	नेकनामपुर	गोविन्दपुर
14	हसेरन	कलसान	कलसान
15	तालग्राम	अनीभोज	अनीभोज
16	तालग्राम	अनीभोज	मीरपुर
17	कन्नौज	देवधरापुर	देवधरापुर
18	उमर्दा	रुरा	रुरा
19	उमर्दा	पूर्वा महते	पूर्वा महते
20	उमर्दा	फतेहपुर कपूरापुर	फतेहपुर कपूरापुर
21	कन्नौज	सहजापुर	सहजापुर
22	तालग्राम	बरई	बरई
23	तालग्राम	बरई	तिलकसराय
24	गुगरापुर	मांछा	मांछा
25	कन्नौज	चौराचौदपुर	चौराचौदपुर
26	उमर्दा	फकरपुर बरेवा	फकरपुर बरेवा
27	उमर्दा	जनखत	जनखत
28	कन्नौज	सकरीखुर्द	सकरीखुर्द
29	कन्नौज	सारोतोप	सारोतोप
30	उमर्दा	आलमपुर	आलमपुर
31	तालग्राम	भुडहा	भुडहा
32	तालग्राम	रौरा	रौरा
33	उमर्दा	अज्यौरा	अज्यौरा
34	उमर्दा	सिंहपुर	सिंहपुर
35	जलालाबाद	तिलपई डिगसरा	तिलपई डिगसरा

OFFICE OF THE EXECUTIVE ENGINEER,
CONSTRUCTION DIVISION, U.P. JAL NIGAM,
KANNAUJ.



RETROFITTING & FHTC WORK OF
Chaurachandpur Rural Water Supply Scheme
In

Block-Kannauj

Distt.Kannauj

UNDER
JAL JEEVAN MISSION

YEAR: 2020-21

Estimated Cost. Rs. 37.98 Lac.
Estimate No. 40

Executive Engineer
C:D.U.P.Jal Nigam
Kannauj

RETROFITTING WORK OF WATER SUPPLY SCHEME
UNDER
JAL JEEVAN MISSION
REPORT

Retrofitting of Chaurachandpur water supply scheme in Block Kannauj District .Kannauj has been prepared as per instruction of Managing Director, U.P. Jal Nigam Lucknow vide letter No. 145/2042-0020[JJM]/2019 dt.04/02/2020 verbal instruction given by Chief Engineer (Kanpur Zone), superintendent engineer Construction circle U.P. Jal Nigam Etawah to Provide functional house hold tap connection for everyhouse hold of Villages.

SOURCE OF WATER:-


Ground water is source of water. Tubewell having in all above village is already exist in schemes & are fully functional.

WATER WORKS:-

Tube well, O.H.T.& Pump House is situated in water works & fully functional which is sufficient to fulfil the demand after extension of pipe line 63 mm to 140 mm HDPE which is provided in the estimate & F.H.T.C. in the village are to be provide 257 Nos. for every house hold.

CONCLUSION:-

As per guide line of JAL JEEVAN MISSION this estimate for retrofitting of above for every house hold to provide potable wholesome water amounting Rs. 37.98 lacs is hereby submitted for approval & allotment of funds.


(Er. Sunil Kumar)
Executive Engineer

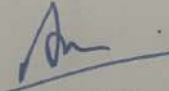
2

Chaurachandpur water supply scheme Block-Kannauj, Ditt- Kannauj

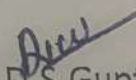
JAL JEEVAN MISSION (2020-2021)
FROM - J (Comprehensive)

Sl. No.	Description of work	Amount (in Lacs)	%	Total Amount (Rs.in Lacs	Funding by Central Govt.	Funding by State Govt.
1	Cost of work	34.84		34.84		
2	Contingencies	34.84	2%	0.70		
	Sub total			35.54		
3	Deduct For Departmental Efficiency	35.54	5%	1.78		
	Sub total			33.76	16.88	16.88
4	Departmental Centage	33.76	12.50%	4.22	-	4.22
	Grand Total			37.98	16.88	21.10

Checked

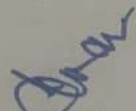

(Arvind Kumar)
Computer

Prepared


(D.S.Gupta)
Assistant Engineer

CONSTRUCTION DIVISION , U.P. JAL NIGAM, KANNAUJ.

Approved


(Sunil Kumar)
Executive Engineer

CONSTRUCTION DIVISION , U.P. JAL NIGAM, KANNAUJ

RETROFITTING OF CHAURACHANDPUK WATER SUPPLY SYSTEM
ESTIMATE OF DISTRIBUTION SYSTEM

Sl. No.	Description	Qty.	Unit	Rate	Amount
1	Supply of following sizes of pipe including rail way freight and cartage up to store including all taxes etc. complete.	3	4	5	6
	HDPE Pipes (PE-100,PN-6)				
	63 mm dia OD	560.00	Per M	60.63	
	90 mm dia OD	320.00	Per M	123.00	33952.80
	110 mm dia OD	210.00	Per M	182.33	39360.00
	140 mm dia OD	160.00	Per M	301.51	38289.30
	Sub Total	1250.00			48241.60
2	Supply of specials for above HDPE pipes			5% of above HDPE item No. 1	159843.70
3	Carting, laying and jointing of the following sizes of pipe into the trenches including cost of all jointing material, labour, T & P and testing etc. complete.				7992.19
	HDPE Pipes (PE-100,PN-6)				
	63 mm dia OD	560.00	Per M	23.57	
	90 mm dia OD	320.00	Per M	32.06	13199.20
	110 mm dia OD	210.00	Per M	39.58	10259.20
	140 mm dia OD	160.00	Per M	44.10	8311.80
	Sub Total				7056.00
4	Excavation for pipeline work in ordinary soil (loan clay and sand) with lift upto 1.5 m and lead upto 50 m including filling back the excavated earth into the trenches with watering ramming and disposal of surplus. Earth within 50 m are as per direction of Engineer incharge.	897.59	Per M ³	269.53	241928.51
5	Supply of following fittings including F.O.R. destination and taxes and insurance etc. complete. Sluice valves class I as per IS 1538 (1969) with working pressure 10kg/cm ²				
	50 mm dia	1	Each	3000.00	3000.00
	80 mm dia	1	Each	6536.00	6536.00
	100 mm dia	1	Each	10680.00	10680.00
	125 mm dia	1	Each	14400.00	14400.00
	C.I. Single Ball Type Air Valve 25 mm	1	Each	3000.00	3000.00
	Fire Hydrant (sluice Valve type) as per I.S.369/1995	1	Each	11520.00	11520.00
	Scour Valve, 80 mm	1	Each	6000.00	6000.00
6	Carting of following fitting with specials to the site of work, lowering them into trenches, fixing in position and jointing them with pipe lines and testing etc. complete (including supply of jointing material) Wheel Valve working pressure 10 Kg/cm ²				
	50 mm dia	1	Each	846.11	846.11
	80 mm dia	1	Each	846.11	846.11
	100 mm dia	1	Each	1077.97	1077.97
	125 mm dia	1	Each	1172.39	1172.39
	C.I. Single Ball Type Air Valve 25 mm	1	Each	779.38	779.38
	Fire Hydrant (sluice Valve type) as per I.S.369/1995	1	Each	618.78	618.78
	Scour Valve, 80 mm	1	Each	978.73	978.73
7	Supply of all types of materials and construct following Chambers as per types design with supply of all labour, T&P etc. complete.				
	Sluice Valve Chamber (Surface box type)	3	Each	3500.00	10500.00
	Sluice Valve Chamber (Masonay Type)	2	Each	22000.00	44000.00
	Fire Hydrant Chamber	1	Each	14000.00	14000.00
	Air valve Chamber	1	Each	5900.00	5900.00
8	Provision for crossing of Nalas up to span 6 M, drains and culverts coming in the alignment and encasing the pipe arrangements including road cutting charges etc. complete providing protection work to pipe wherever required.				
	Nala of span up to 3.0M	1	Job	11000.00	11000.00
	Nala of span more then 3.0M	1	Job	22000.00	22000.00
9	Dismantling of roads for laying of distribution lines including shorting out a stacking and disposal of unserviceable materials up to a distance of 50 m from centre of trenches and disposal of unserviceable materials (trenches of roads surface will not be measured towards excavation in trenches)				
	B.O.E. Road.	260.00	M ²	99.00	25740.00
	Interlocking Road	240.00	M ²	178.53	42847.20
	C.C Road	360.00	M ²	401.45	144522.00
	Bitumen Road	20.00	M ²	233.96	4679.20

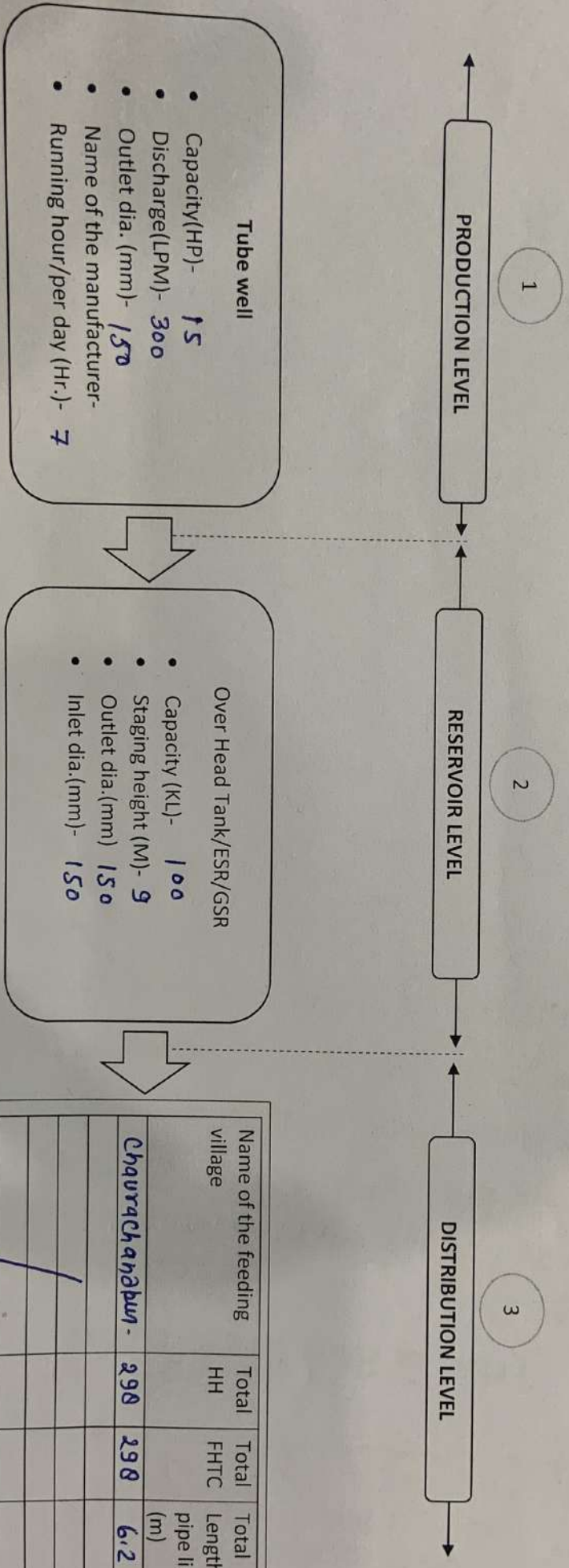
Sl. No.	Description	Qty.	Unit	Rate	Amount
1	2	3	4	5	6
10	Reinstatement of roads for laying of distribution lines including shorting out a stacking and disposal of unserviceable materials up to a distance of 50 m from centre of trenches and disposal of unserviceable materials (trenches of roads surface will not be measured towards excavation in trenches) -				
	B.O.E. Road.	260.00	M ²	344.96	
	Interlocking Road	240.00	M ²	841.40	89689.60
	C.C Road	360.00	M ²	2051.00	201936.00
	Bitumen Road	20.00	M ²	2030.00	738360.00
				Total -A	40600.00
11	Provision for functional house hold tap connection with 15mm dia GI (medium) pipe including supply of all material, labour, T & P etc. complete as per direction of engineer in charge.	257	Nos.	3541.00	1905820.07
				Total -B	910037.00
12	Provision of inter connection & jointing in following pipe lines including their supply of specials & all materials, labour & T&P etc.				
	A-63 mm dia to 90 mm dia	2	Nos.	2200.00	4400.00
	B-90 mm dia to 110 mm dia	2	Nos.	4100.00	8200.00
	C-110 mm dia to 140 mm dia	1	Nos.	4100.00	4100.00
13	Provision of chlorine dozer installation with their proper setup of liquied chlorine tank & supply of all material, labour, T & P etc. complete as per direction of engineer in charge.	1	Job	L.S.	25000.00
14	Provision of cleaning work of OHT (100 KL) with their vertical pipes & supply of all material, labour, T & P etc. complete as per direction of engineer in charge.	100.00	KL	140.00	14000.00
15	Internal seepage resisting treatment and repairing of ventiltor ladder, mess, ralling of balcony and staircase of OHT with supply of all material, labour, T&P etc. complete as per direction of engineer in charge.	1.00	Job	54000.00	54000.00
16	Provision of various repairing & finising work are given below and completion of work in Direction of engineer in charge.				
	A-Construction & repairing of 1st class masonry brick work in (1:6) cement : local sand.	1.80	cum	5808.00	10454.40
	B- RCC repairing work in (1:15:3)	1.55	cum	9910.27	15360.92
	C-Repairing & plaster works in (1:6) Cement : local sand.	120.00	sqm	222.55	26706.00
	D-White washing-by-putty after old Paint scratching & painting work completed by three coat of apex ultima	199.00	sqm	123.34	24544.66
17	Provision of leakage repairing in existing following sizes of PVC/DI pipe line including all material, labour, T & P etc. complete.				
	63 mm dia OD	20.00	Per M	993.82	19876.40
	75 mm dia OD	10.00	Per M	1215.81	12158.10
	90 mm dia OD	15.00	Per M	1430.80	21462.00
	110 mm dia OD	10.00	Per M	1772.51	17725.10
	140 mm dia OD	4.00	Per M	2224.96	8899.84
				Total-C	266887.42
				G.Total(A+B+C)	3082744.48
	Total				
	Say in Lac				

Aw
Assistant Engineer

W/S PROJECT FLOW DIAGRAM

(for Ground water supply system UNDER Jal Jeevan Mission project)

Name of the Scheme: - **Chaurachandpur w/s scheme**
 Cost (Lac): - **30.65**
 Name of the project manager: - **Er. SURENDRA KUMAR**
 Contact: - **9473942759**



- Tube well**
- Capacity(HP)- **15**
 - Discharge(LPM)- **300**
 - Outlet dia. (mm)- **150**
 - Name of the manufacturer-
 - Running hour/per day (Hr.)- **7**

- Over Head Tank/ESR/GSR**
- Capacity (KL)- **100**
 - Staging height (M)- **9**
 - Outlet dia.(mm) **150**
 - Inlet dia.(mm)- **150**

Name: **D.P.A**
 Signature (with seal) **सहायक अभियन्ता**

खण्ड कार्यालय उत्तर प्रदेश
 जल निगम (ग्रामीण)
 कन्नौज

Name of the feeding village	Total HH	Total FHTC	Total Length of pipe line (m)
Chaurachandpur -	290	290	6.2
TOTAL:			



खण्ड कार्यालय
अधिकासी अभियन्ता
उ०प्र० जल निगम (ग्रामीण),
ग्वाल मैदान, कन्नौज (209725)

E-Mail ID
ee_cd_kannauj@yahoo.com
eecdupjnkannauj@gmail.com

Testing & Commissioning certificate

प्रमाणित किया जाता है कि मैसर्स Dev Construction, Agra द्वारा जनपद कन्नौज के विकास खण्ड कन्नौज की ग्राम पंचायत चौरचाँदपुर ग्रामीण पेयजल योजना को जल जीवन मिशन के अंतर्गत पूर्ण किया गया है। परियोजना के समस्त कार्यों की कार्य पूर्ण की तिथि दिनांक 30/5/22 है एवं योजना के अंतर्गत अधिष्ठापित किये गये समस्त आइटम (बी.ओ.क्यू. के अनुसार) के Testing & Commissioning का कार्य दिनांक 20/12/22 से दिनांक 19/3/22 तक पूर्ण कर लिया गया है, जो संतोषजनक है एवं उक्त गाँव में स्थापित सभी एफ.एच.टी.सी. में जलापूर्ति सुचारु रूप से की जा रही है एवं जलापूर्ति हेतु निर्धारित निम्नलिखित तीन शर्तों का भी अनुपालन किया जा रहा है :-

1. प्रत्येक व्यक्ति को न्यूनतम 55 एल.पी.सी.डी. पानी की आपूर्ति।
2. उपभोक्ता तक पर्याप्त जल दबाव एवं समयानुसार जलापूर्ति।
3. स्वच्छ पेयजल आपूर्ति।

Asht

जूनियर इंजीनियर

A. K.

सहायक अभियन्ता



खण्ड कार्यालय
अधिकासी अभियंता
उ०प्र० जल निगम (ग्रामीण),
ग्वाल मैदान, कन्नौज (209725)

E-Mail ID
ee_cd_kannauj@yahoo.com
eeedupjnkannauj@gmail.com

Trial & Run Certificate

प्रमाणित किया जाता है कि मैसर्स Dev Construction, Agra द्वारा जनपद कन्नौज विकास खण्ड कन्नौज की ग्राम पंचायत चौराचाहपुर ग्राम चौराचाहपुर की जल जीवन मिशन के अंतर्गत पूर्ण की गई ग्रामीण पेयजल योजना (परियोजना का नाम चौराचाहपुर ग्राम) के समस्त कार्यों की "कार्य पूर्ण की तिथि" दिनांक 30/5/22 है एवं योजना के Trial & Run का कार्य दिनांक 10/2/22 से दिनांक 10/05/22 तक पूर्ण कर लिया गया है, जो संतोषजनक है।

Shil
जूनियर इंजीनियर

A.K.M.
सहायक अभियन्ता

Chaurachandpur

DISTRIBUTION SYSTEM

1. NETWORK DESIGN

LINE NO	LENGTH IN M	Sec. Pvt. Con	Populn. for Pub. SP	Eq. Cumm. Populn.	DIA MM	HMC (7)	FLOW KL/Hr	VEL. M/Sec	EQ. DIA (C=100)	H LV 1000	HEAD LOSS	U/S NODE	DOWN STREAM		HEAD (16)	NODE (17)
													H. LEV (14)	R. LEV (15)		
													118.450	109.450	9.000	1FH
1	25.	0.	0.	3800.	101PV	145.	38.24	1.225	116.3	16.59	0.415	1	118.035	108.615	9.420	2
2	20.	30.	0.	2883.	101PV	145.	29.01	1.006	116.3	9.94	0.200	2	117.836	110.690	7.146	3FH
3	63.	90.	0.	1492.	69PV	145.	15.01	1.115	79.5	18.78	1.185	3	116.653	108.110	8.543	4
4	76.	110.	0.	400.	58PV	145.	4.02	0.423	66.8	3.82	0.290	4	116.363	108.910	7.453	5
5	89.	130.	0.	172.	58PV	145.	1.73	0.181	66.8	0.80	0.070	6	116.363	108.910	7.453	5
6	10.	15.	0.	685.	58PV	145.	6.89	0.724	66.8	10.35	0.105	7	116.434	109.000	7.434	6FH
7	102.	150.	0.	827.	58PV	145.	8.32	0.875	66.8	14.68	1.500	2	116.538	109.015	7.523	7
8	40.	60.	0.	30.	58PV	145.	0.30	0.032	66.8	0.03	0.000	7	116.536	108.870	7.666	8FN
9	20.	30.	0.	436.	58PV	145.	4.39	0.461	66.8	4.49	0.090	5	116.273	108.210	8.063	9
10	40.	60.	0.	411.	58PV	145.	4.13	0.425*	66.8	4.02	0.160	6	116.273	108.210	8.063	9
11	26.	40.	0.	782.	58PV	145.	7.87	0.827	66.8	13.23	0.345	9	115.929	107.665	8.264	10
12	15.	20.	0.	66.	58PV	145.	0.66	0.070	66.8	0.14	0.000	11	115.929	107.665	8.264	10
13	87.	125.	0.	198.	58PV	145.	2.00	0.210	66.8	1.04	0.090	12	115.931	107.995	7.936	11FH
14	45.	65.	0.	770.	58PV	145.	7.75	0.815	66.8	12.86	0.580	12	115.443	99.885	15.558	13
15	43.	60.	0.	402.	58PV	145.	4.05	0.425	66.8	3.86	0.165	13	115.277	99.770	15.507	14
16	50.	75.	0.	241.	58PV	145.	2.43	0.255	66.8	1.50	0.075	15	115.277	99.770	15.507	14
17	43.	60.	0.	788.	58PV	145.	7.93	0.834	66.8	13.42	0.575	10	115.352	104.010	11.342	15
18	40.	60.	0.	30.	58PV	145.	0.30	0.032	66.8	0.03	0.000	11	115.930	107.345	8.585	36FN
19	36.	50.	0.	551.	58PV	145.	5.54	0.583	66.8	6.92	0.250	14	115.028	99.670	15.358	16
20	20.	30.	0.	164.	58PV	145.	1.65	0.173	66.8	0.73	0.015	17	115.028	99.670	15.358	16
21	50.	75.	0.	246.	58PV	145.	2.48	0.261	66.8	1.56	0.080	18	115.043	102.015	13.028	17
22	50.	75.	0.	356.	58PV	145.	3.59	0.377	66.8	3.09	0.155	19	115.121	105.645	9.476	18
23	15.	20.	0.	469.	58PV	145.	4.72	0.496	66.8	5.13	0.075	15	115.275	104.105	11.170	19
24	45.	65.	0.	33.	58PV	145.	0.33	0.034	66.8	0.04	0.000	19	115.274	102.990	12.284	20FN
25	20.	30.	0.	15.	58PV	145.	0.15	0.016	66.8	0.01	0.000	17	115.043	103.380	11.663	21FN
26	25.	35.	0.	18.	58PV	145.	0.18	0.019	66.8	0.01	0.000	18	115.121	106.345	8.776	22FN
27	161.	235.	0.	558.	58PV	145.	5.61	0.590	66.8	7.07	1.140	16	113.890	99.535	14.355	23
28	33.	50.	0.	204.	58PV	145.	2.05	0.216	66.8	1.10	0.035	23	113.854	99.555	14.299	24
29	38.	55.	0.	61.	58PV	145.	0.62	0.065	66.8	0.12	0.005	24	113.850	101.570	12.280	25
30	32.	45.	0.	74.	58PV	145.	0.74	0.078	66.8	0.17	0.005	26	113.850	101.570	12.280	25
31	40.	60.	0.	181.	58PV	145.	1.82	0.192	66.8	0.88	0.035	23	113.855	101.585	12.270	26FH
32	60.	85.	0.	43.	58PV	145.	0.43	0.045	66.8	0.06	0.005	25	113.846	101.895	11.951	27FN

** Continuity and Connectivity may be checked thoroughly at the time of Scheme preparation and execution to ensure correctness.

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 खण्ड कार्यालय उत्तर प्रदेश
 जल निगम ()

21	58PV 145	0.28	0.029	66.8	0.03	0.000	26	113.854	101.225	12.629	28RN
45	58PV 145	0.45	0.048	66.8	0.07	0.005	24	113.850	99.565	14.285	29RN
1296	58PV 145	13.04	1.371	66.8	33.70	1.650	3	116.185	108.395	7.790	30
214	58PV 145	2.15	0.226	66.8	1.20	0.165	30	116.022	105.970	10.052	12
970	58PV 145	9.76	1.026	66.8	19.71	0.630	4	116.022	105.970	10.052	12
927	58PV 145	9.33	0.980	66.8	18.12	0.560	30	115.623	107.485	8.138	31
288	58PV 145	2.90	0.305	66.8	2.08	0.320	31	115.303	100.125	15.178	32
233	58PV 145	2.35	0.247	66.8	1.41	0.140	13	115.303	100.125	15.178	32
23	58PV 145	0.23	0.024	66.8	0.02	0.000	31	115.623	108.115	7.508	33RN
284	58PV 145	2.85	0.300	66.8	2.02	0.495	31	115.128	100.085	15.043	34
266	58PV 145	2.68	0.282	66.8	1.80	0.175	32	115.128	100.085	15.043	34
153	58PV 145	1.53	0.161	66.8	0.64	0.135	34	114.993	103.885	11.108	35RN

** Continuity and Connectivity may be checked thoroughly at the time of Scheme preparation and execution to ensure correctness.

2. CONCLUSIONS :

- INPUT HEAD AT NODE 1 = 9.00M Fixed
- NODE NO OF MIN TER HEAD = 3
- MINIMUM TERMINAL HEAD = 7.146 M
- MAXIMUM ERROR IN FLOW = 0.00026 KL/hr
- MAX. DIFFERENCE IN RL'S = 11.155 M
- TOTAL FLOW LENGTH = 2642. M
- Eq. Design Population @ 80.50 lpcd = 3800.
- SI. NO. OF FARTHEST NODE = 35
- MINIMUM TRAVERSE LENGTH BETWEEN FEEDING NODE & FARTHEST NODE = 580. M
- AV HYD GRAD BET FEEDING NODE & FARTHEST NODE THRU MIN TRAVERSE = 5.96/1000
- RATIO OF AVERAGE TO MAX DEMAND DURING DESIGN PERIOD = 0.90 (Calc)

NOTE :
 E - Existing pipe line, EH- Economical Head, FH- Fixed Head
 MH = NODE OF LOWEST TERMINAL HEAD AMONGST THE NEIGHBOURING NODES
 FN = NODE OF LOWEST HYDRAULIC LEVEL AMONGST THE NEIGHBOURING NODES
 DIRECTION OF FLOW IN LINE (COL 2) IS FROM U/S NODE (COL 1) TO D/S NODE (COL 17)
 HEAD & LEVELS ARE IN METERS
 I.D. of PVC Pipes have been assumed as given in Bill of Quantities, below
 In case of more than one existing pipes along a line, Equivalent Dia. is taken

3. DESIGN PARAMETERS & CONSTRAINTS GIVEN

- DESIGN PERIOD OF PROJECT = 30 YEARS
- TERMINAL HEAD AT FEEDING NODE NO. 1 = 9.00 M
- MIN. TERMINAL HEAD TO BE MAINTAINED = 7.00 M
- MIN. DIA OF PIPE TO BE PROVIDED = 5.80 CM
- Popln, S/RATE, P/FACTOR for Priv. Con = 3800. 80.50 LPCD, 3.00
- Popln, S/RATE, P/FACTOR for Pub. S. P. = 0. 80.50 LPCD, 3.00
- Popln, S/RATE FOR NODAL POPLN. = 0. 80.50 LPCD

4. AIR-VALVES & SCOUR-VALVES

POSITION OF SCOUR-VALVES ADJACENT TO FOLLOWING NODES MAY BE CONSIDERED
 23

5. BILL OF QUANTITIES & COST ESTIMATE

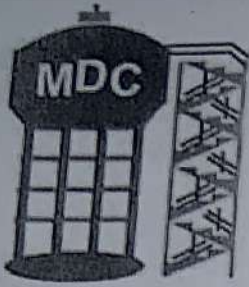
CD/ ID (cm)	TYPE	LENGTH	EXCAVATION		SUPPLY		LAYING		SPECIALS		
			VOLUME	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
6.30/ 5.80	PVC	2534.	1764.08	120.00	211689.55	61.00	154574.00	10.00	25340.00	0.05 X SUPPLY COST	7728.70
7.50/ 6.90	PVC	63.	45.06	120.00	5406.62	74.00	4662.00	11.50	724.50	0.05 X SUPPLY COST	233.10
11.00/10.10	PVC	45	34.73	120.00	4167.73	144.00	6480.00	19.50	877.50	0.05 X SUPPLY COST	324.00
TOTAL =		2642.	1843.87		221263.88		165716.00		26942.00		8285.80

GRAND TOTAL (ROUNDED TO WHOLE RUPEE) : 422208.

** Continuity and Connectivity may be checked thoroughly at the time of Scheme preparation and execution to ensure correctness.

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Adm
 सहायक अभियन्ता
 छप्पड कार्यालय उत्तर प्रदेश
 जल निगम (सि. नि.)
 कन्नौज



M/S. DEV CONSTRUCTION

(A Class - Govt. Contractor & Civil Engineers)

in U.P. Jal Nigam & P.W.D.

Off.: 80, HIG,
Tajnagri, Phase-1, Agra
Resi.: 10/66, Gurhal Mandi,
Taj Ganj, Agra-282 001

M.: 9319419220

8393913676

8393913646

Ph.: 0562-2333019

E-mail : devcons2010@gmail.com

Specialist : R.C.C. Overhead Tanks, Road Work, C.W.R. S.P.S. Sewerage System, Bridge, Building & All R.C.C. Works etc.

Date - 10/12/21

HYDRO TEST REPORT

District-Kannauj

Block- Kannauj

Name of Scheme- Chaura chand bun w/s scheme.

S.No.	Materials of Pipe	Dia of Pipe	Location	Length	Applied Test pressure on pipe (kg./cm ²)	Time in Hrs.		
						1	2	3
1	HDPE	63mm	Ramchandra to Tulanam	141.7	6,7,8	3	5	4
2	"	"	Gyan Prakash to Tejram	378	6,7,8	4	3	5
3	"	"	Ramshankar to Gyanadeen	248	6,7,8	3	5	4
4								
5								
6								
7								

Remark

अशोक
Contractor

Abhil
J.E.

Abhil
A.E.



अधिशाली अभियन्ता खण्ड कार्यालय

उ०प्र० जल निगम (ग्रामीण),
ग्वाल मैदान, कन्नौज (209725)

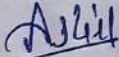
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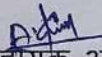
ee_cd_kannauj@yahoo.com

eeedupjnkannauj@gmail.com

Inventory handover list

1	Name of Scheme	Chaura.Chanda.kun.....W/S Scheme
3	Detail of works	1- OHT 2- Pump House 3- Boundary wall 4- Laying of pipe line (6.2Km), etc work.
4	Tube well	500 Lpm
8	Sluice valve	4 Nos


जूनियर इंजीनियर


सहायक अभियन्ता

District Level Water Analysis Laboratory , U.P Jal Nigam (Rural), Dist.
Kannauj

Office of Executive Engineer, Construction division, U.P Jal Nigam, Mahatma Gandhi Road, Dwal Maidan, Kannauj. (Test Address only)

Test report

Sample ID:

U1152717L409S7449578

User Information

Name:	Ankit Porwal	Mobile:	7351294870
Email:	ankitporwalankitporwa@gmail.com	Pin Code:	
Full Address:	Village- Not available , Gram Panchayat- Not available, Block- Not available, District- Kannauj, State- Uttar Pradesh		

Sample description

Source of Sample:	Source Type : Deep Tubewell, location : OHT Campus	Village:	Chaura Chandpur Bangar
Gram Panchayat:	Chaura Chandpur Bangar	Block:	Kannauj
District:	Kannauj	State:	Uttar Pradesh
Address:		Remarks:	As per Letter No. 916/011-Prayogshala/22 Dated 21.11.2022
Latitude:		Longitude:	

Date & time of sample collection

01.12.2022 | 12:00:00 PM

Date & time of sample received in lab

02.12.2022 | 10:00:00 AM

Date & time of sample analysed

02.12.2022 | 03:25:00 PM

Date & time of report generation

02.12.2022 | 09:45:31 PM

Test results

Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
1	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
2	Free residual Chlorine	mg/l	0.2	1	0.400	
3	pH	NA	6.5-8.5	No Relaxation	7.730	

Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
4	TDS	mg/l	500	2000	500.000	
5	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
6	Turbidity	NTU	1	5	0.350	

Note:

- 1)*indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report

Authorised signatory
Mo Amjad Khan (Test Lab Incharge)

Jal Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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INDEX PLAN OF VILLAGE CHAURA CHANDPUR
WATER SUPPLY SCHEME DIST. KANNAUJ



CHAURA CHAND PUR		
LINE NO.	MATERIAL	LENGTH
2	110mm DIA PVC	20
3	110mm DIA PVC	63
4	75mm DIA PVC	76
5	63mm DIA PVC	89
6	63mm DIA PVC	10
7	63mm DIA PVC	102
8	63mm DIA PVC	40
9	63mm DIA PVC	20
10	63mm DIA PVC	40
11	63mm DIA PVC	26
12	63mm DIA PVC	15
13	63mm DIA PVC	87
14	63mm DIA PVC	45
15	63mm DIA PVC	43
16	63mm DIA PVC	50
17	63mm DIA PVC	43
18	63mm DIA PVC	40
19	63mm DIA PVC	36
20	63mm DIA PVC	20
21	63mm DIA PVC	50
22	63mm DIA PVC	50
23	63mm DIA PVC	15
24	63mm DIA PVC	45
25	63mm DIA PVC	20
26	63mm DIA PVC	25
27	63mm DIA PVC	161
28	63mm DIA PVC	33
29	63mm DIA PVC	38
30	63mm DIA PVC	32
31	63mm DIA PVC	40
32	63mm DIA PVC	60
33	63mm DIA PVC	38
34	63mm DIA PVC	61
35	63mm DIA PVC	49
36	63mm DIA PVC	136
37	63mm DIA PVC	32
38	63mm DIA PVC	31
39	63mm DIA PVC	154
40	63mm DIA PVC	100
41	63mm DIA PVC	30
42	63mm DIA PVC	245
43	63mm DIA PVC	97
44	63mm DIA PVC	210

LEGEND		
S.NO.	DESCRIPTION	SYMBOL
1	PROPOSED - O.H.T.	
2	BLIND VALVE	
3	AIR VALVE	
4	FIRE HYDRANT	
5	SCOUR VALVE	
6	STAND POST	
7	BITUMINOUS ROAD	
8	BRICK ROAD	
9	KACHHA ROAD	
10	C.C.ROAD	
11	NODE No. / LOOP No.	
12	HAND PUMP	
13	TEMPLE - MOSQUE	
14	POND	
15	CULVERT	
16	SCHOOL BUILDINGS	
17	RIVER - NALA	
18	VILLAGE BALMISTRY	
19	LINE NO./DIA MET./LENGTH	11/100 PVC/100
20	REDUCED LEVEL	
21	BENCH MARK WITH HEIGHT	96.723
22	LEVEL (TOP OF HAND PUMP)	100.00
23	Distances from Junction to Junction	100

EXECUTIVE ENGINEER
CONSTRUCTION DIVISION
U.P. JAL NIGAM
KANNAUJ

BLOCK - KANNAUJ TEHSIL - KANNAUJ

[Signatures]
J.E. A.E. E.E.

CONSTRUCTION DIVISION, U.P. JAL NIGAM, LAKHILLI

M.N. Consulting Associates
Email:-mnc.lko@gmail.com PH:-0522 6050020
5/56B, Vikas Nagar Lucknow (U.P.)-226020

BASANT

2023

पेयजल लाग बुक रजिस्टर

ग्राम पंचायत का नाम

ग्राम पंचायत का नाम

पेयजल वितरण का समय

क्र.सं.	दिनांक	पेयजल वितरण का समय				कुल घन्टा	पम्प ऑपरेटर के हस्ताक्षर	प्रधान के हस्ताक्षर	अन्य विवरण		
		सुबह (कब से कब तक)	दोपहर (कब से कब तक)	सायं (कब से कब तक)							
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1	11/1/2023	8.00	8.00	-	-	4.00	5.00	2 घन्टा	अ.स.सि.सि.सि.		
2	21/1/2023	8.00	8.00	-	-	4.00	5.00	2 घन्टा			
3	31/1/2023	8.00	8.00	-	-	4.00	5.00	2 घन्टा			
4	4/1/2023	8.00	8.00	-	-	4.00	5.00	2 घन्टा			
5	5/1/2023	8.00	8.00	-	-	4.00	5.00	2 घन्टा			
6	6/1/2023	8.00	8.00	-	-	4.00	5.00	2 घन्टा			
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12	12/1/2023	8.00	8.00	-	-	4.00	5.00	2 घन्टा			

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+9X4, Chaura Chand, Uttar Pradesh 209727, India

2597033°

Longitude 79.96212304°

02:10:59 PM

Altitude 91.27 meters

08:40:59 AM

Wednesday, 03.01.2023

2:32 PM



पुलारि 2022

पेयजल लाग बुक रजिस्टर

ग्रामीण पेयजल योजना

ग्राम पंचायत का नाम चौरा चण्ड

अन्य विवरण

पेयजल वितरण का समय

क्र.सं.	दिनांक	पेयजल वितरण का समय			कुल घन्टा	ग्राम पंचायत का नाम	प्रधान के हस्ताक्षर	अन्य विवरण
		सुबह (कब से कब तक)	दोपहर (कब से कब तक)	सायं (कब से कब तक)				
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2	11/07/22	6:00	7:00	5:00	2 घण्टा			
3	21/07/22	6:00	7:00	5:00	2 घण्टा			
4	31/7/22	6:00	7:00	5:00	2 घण्टा			
5	4/7/22	6:00	7:00	5:00	2 घण्टा			
6	17/7/22	6:00	7:00	5:00	2 घण्टा			
7	17/7/22	6:00	7:00	5:00	2 घण्टा			
8	17/7/22	6:00	7:00	5:00	2 घण्टा			
9	9/7/22	6:00	7:00	5:00	2 घण्टा			
10	10/7/22	6:00	7:00	5:00	2 घण्टा			
11	11/7/22	6:00	7:00	5:00	2 घण्टा			

Signature



+9X4, Chaura Chand, Uttar Pradesh 209727, India
 Longitude 79.96212565°

02:10:23 PM

Altitude 90.92 meters

08:40:23 AM

Wednesday, 03.01.2023

2:32 P