


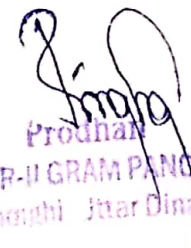
**Annexure - A**

**Instalation of UV and RO Project at G.P Office (AAP No-24)**

SI	Description of items	Unit	Rate (Rs)
1	Raw water pump:-Insert suitable surface pump for Raw Water in Purification System with a regulated pressure for better filtration.	Type	Submersible
		Nos. Required	One
		Make	Kirloskar / Beacon Weir
		Material of Construction	PVC
		Head	100 M WC
		Discharge	2 LPS
		Power Supply	415 Volts
		Starter	L&T /Siemen make push button type DOL starter
2	Pre-treatment - Multi graded filter :- This is a ion exchange column with GS,TS, Sand bed which arrest turbidity, unwanted particles, spitted contamination from raw water. This column oxidized water, split out chemical bonds of metals and metalloid. Also remove, reduce metallic contamination from raw water.	Nos. Required	One
		Make	Gopani
		Material of construction of	FRP
		Diamension	12" x 48"
		Height On Straight	1900 mm
		Min. Operating Pressure	5.0 Kg/cm2
		Max. Operating Pressure	8.0 Kg/cm2
		Treatment Flow Rate	6000 Litres/Hr
		Type of Valve, Size	Multiport, 50 NB, make - UKL/Initiative
		Frontal Piping	25 mm
		Pressure Gauge	One No.
		Filtering Media	Graded Gravel, Quartz & catalytic charged.
3	Pre-treatment Carbon filter:-This is the secondary ion exchange column with activated carbon media to reduce, remove odour, color, Phenolics, residual free Cl from raw water.	Nos. Required	One
		Make	Pentair/Structural/ION EXCHANGE(INDIA) LTD/Zeolite
		Material of construction of Shell	FRP
		Diamension	12" x 48"
		Height On Straight	2100 mm
		Min. Operating Pressure	5.0 Kg/cm2
		Max. Operating Pressure	8 Kg/cm2
		Treatment Flow Rate	15000 Litres / Hr
		Type of Valve, Size	Multiport, 40 NB, make - UKL/Initiative
		Frontal Piping	UPVC
		Pressure Gauge	One No.
		Filtering Media	Carbon
4	Micron filter:-This is polypropylene base filter cartridge which arrest very fine and tiny particles, silicon index from raw water.	Type	Vertical, Floor Mounted
		Nos. Required	One
		Make	Pentair/Structural/ION EXCHANGE(INDIA)
		Material of construction of Shell	FRP
		Complete set	Complete set

  
 Project  
 ALTAPUR-II GRAM PANCHAYAT  
 Khandwa District, Madhya Pradesh

5	High Pressure Pump:- Insert water in Membrane with high pressure so that the surface velocity of water matches with membrane for better filtration.	Type :	Vertical, Multistage
		Service Flow :	2m3 cum/hr
		Head (kg/sq.cm) :	13.3
		Material of construction :	SS
		Make of Pump :	Aquarius/ Grundfoss /Willow/
		Power Supply :	3phase, 440 V, 50 Hz.
6	Membrane:-This is a 3rd generation superfine nano membrane with a porous/hole of 0.0001 m $\mu$ which is capable enough to remove, arrest the last presence of harmful chemical like As, F, Hg, Pb, Zn etc. It also remove microbiological contamination from raw water.	Make	Triceps/Hydranautics /DOW/Koch/OLTRAM
		No of membranes :	1
7	Dosing 1 :-Add mineral in water Dosing 2 :-Anti scaling dosing is used to remove scale from waste water line	Dosing Systems	Anti-scaling, Sodium-meta-bi-sulphite
		Type	Dosing Tank & Electronic dosing pump.
		Capacity of pump	(0-5) LPH (each)
		Head of pump	20 MWC
		Capacity & rating of motor	0.25 HP, 220 V, 1 phase, 50
		Make of pump	E-dose/Asia LMI / Swelore /
		Solution preparation tank	Provided
		Capacity	20 Lit (each)
8	Post-treatment - UV:-Ultraviolet Treatment with is a treatment process that uses ultraviolet light to disinfect water or remove protozoa, bacteria, viruses from raw water	Material of construction	SS
9	Post-treatment - Ozone :-Ozone is effect over a wide pH range and rapidly reacts with bacteria, viruses, and protozoans and has stronger germicidal properties & Has a very strong oxidizing power with a short reaction time.		
10	Inter-connecting Pipe Work	Make	Finolux / Supreme
		Pipe Size	1.5"
		Pressure Rating	15 Kg/cm2
		Approximate Length	30 Metre
		High pressure pump outlet to membrane inlet	SS pipe of required size
11	20 lit Capacity PVC water Jar/ Pot Regular Designe with Cap ISI standard doube layer with sticker band		1 No
12	PVC Motka 10 lit Capacity of Regular Size ISI standard double layer with sticker		1 No
13	Iron Tripad Stand Stand with Priming and Painting 700 mm ht @ 3 kg above		1 No
14	Garden Pipe Roll 300 Ft PVC Flexible 25 mm dia		1 No

  
 Prodhan  
 ALTAPUR-II GRAM PANCHAYAT  
 Karanoli Jitar Dinapur

OFFICE OF THE  
**ALTAPUR – II GRAM PANCHAYAT**

AT: - ALTAPUR, P.O:- ALTAPUR, KARANDIGHI, U/D

Memo No:- 255/ALTP-II G.P/15<sup>th</sup> F.C

Date:- 24.11.2020

**NOTICE INVITING RATE QUOTATION**

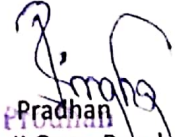
The undersigned is inviting all the willing Eligible Suppliers, Contractors, Government approved Wholesale Consumers' Co-operative Societies to quote the rate of materials required for installation of UV and Ro Project Under G.P area, for supply of the same on request to this office for the period from 24th September, 2020 to 03rd December, 2020 on a sealed cover to this office latest by two weeks from the date of issuance of the notice. The rate so quoted should be inclusive of G.S.T. The sealed cover will be opened on 03rd Day December, 2020 at the Gram Panchayat Meeting Hall at 2.00 P.M. The Pradhan reserves the right to accept or reject any quotation without stating the reason whatsoever and the quotations will be kept at the custody of the Pradhan of ALTAPUR – II Gram Panchayat. The specific list of materials to be supplied is mentioned on the Annexure and this may also be collected from the Secretary, Altapur – II Gram Panchayat.

Work Details:

SI No.	Name of the work	Site details	Source of Fund
1	Instalation of UV and RO Project at G.P Office (AAP No-24)	G.P	15 <sup>th</sup> F.C-2020-21

General Information:

1	Participation Charge	N.A
2	Last date of Submission of Sealed Quotation	On or before 03.12.2020(up-to2.00PM)


  
Pradhan  
Altapur – II Gram Panchayat  
Karandighi, Uttar Dinidpur

Memo No:- 255/1(10)/Altp-II G.P

Date:- 24.11.2020

Copy forwarded for information to:-

1. B.D.O & E.O, Karandighi Block Development Office
2. SDO , Islampur Devison
3. Office Notice Board
4. B.M, BGVB Bank, Bilaspur.
5. B.M, RCCB Bank, Tungidighi
6. B.M, BOI Bank, Tungidighi.
7. Librariyan, Chirosabujpally Pathagar
8. P.M, Bilaspur Post Office
9. P.M, Tungidighi Post Office.
10. UDZP web -site

  
Pradhan  
Altapur-II Gram Panchayat  
Karandighi, Uttar Dinidpur