



प्रदेश सरकार
प्रदेश २
सामाजिक विकास मंत्रालय
स्वास्थ्य निर्देशनालय

जिल्ला अस्पताल सिरहा

सुचना , सुचना , सुचना
विषय शिलवन्दी कोटेशन सम्बन्धमा

प्रथम पटक प्रकाशित मिति २०७७/०२/२६

उपरोक्त सम्बन्धमा यस अस्पतालको लागि तपसिलमा उल्लेखित मालसामानहरु खरिद गर्नु पर्ने भएकोले यो शिलवन्दी दरभाउ पत्र आह्वान गरिएको छ । ईच्छुक व्यक्ति, फर्म, संस्था वा कम्पनीले यो सुचना प्रथम पटक प्रकाशित मितिले १५ दिन भित्र फर्म नविकरण प्रमाण पत्र, भ्याट दर्ता प्रमाण पत्र २०७५/०७६ को कर चुक्ता प्रमाण पत्र तथा आवश्यक अन्य कागजातहरु पेश गरि नगर्दै रु १०००। तिरी यस अस्पतालको आर्थिक प्रशासन शाखाबाट खरिद गर्न सकिनेछ । १६ हौं दिन दिनको १२:०० वजे भित्र दर्ता गरि सक्नु पर्नेछ र सोहि दिन दिनको २:०० वजे दरभाउ पत्र दता वा निजको प्रतिनिधि उपस्थित नभए पनि दरभाउ पत्र खोल्न बाधा नपर्ने व्यहोरा सम्बन्धित सबैको जानकारीको लागि यो सुचना प्रकाशित गरिएको छ ।

तपसिल

सुचना नं.	कामको विवरण	लगत अनुमान भ्याट बाहेक	धरौटी करम	कैफियत
६/०७६/०७७	वाटर टिटमेन्ट प्लान्ट जडान		४९९,००	रा वा बैंक सिरहामा रहेको प्रदेश कोप तथा लेखानियन्त्रक को नाम रहेको धरौटी खता नं. २१३०५०२०००००० र जिल्ला अस्पतालको कार्यालय कोड ३५०००१६०१ मा रकम जम्मा गरेको सक्कलै भौचर पेश गर्नु पर्ने छ । १२० दिन मान्य अवधिको बैंक जमानि पत्र पेश गर्नु पर्ने छ ।

डा. नागेन्द्र प्रसाद यादव
मेडिकल सुपरिटेन्डेन्ट

नोट यसको Specification सामाजिक विकास मंत्रालय को www.mosd.p2.gov.np र यस अस्पतालको www.sirahahospital.gov.np बाट download गर्न सकिने छ।

मेडिकल सुपरिटेन्डेन्ट



Siraha District Hospital

Siraha, Nepal

Technical specification of RO Water Treatment Plant

S.N.	Purchaser's Specifications	Bidder's Remarks
	RO Water Treatment Plant	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	Description of function	
	RO Water treatment is process that improves the quality of water to make it more acceptable for a specific end-use by RO process.	
2	Technical Specifications	
2.1	Operating system:	
a	Mode of operating: Fully automated	
b	Feed flow rate: approx. 1000 LPH	
c	Avg. Permeate flow rate: 1000 LPH	
d	Max. Permeate flow rate: 1000 LPH	
2.2	Filters	
A	Dual media Filter:	
a	It should be vertical type and diameter 1.5 ft. approx. and Height 5.5 ft. approx.	
b	Working Pressure: 1 to 3.5 Kg/Cm ²	
c	Normal Flow: 3m ³ /Hr.	
d	Material: Stainless Steel	
e	Back wash Frequency: 8HR.	
f	Media: Anthracite sand, gravel and pebbles	
B	Activated Carbon Filter	
a	It should be vertical type and diameter 1.5 Ft. approx. and Height 5.5 Ft. approx.	
b	Working Pressure: 1 to 3.5 Kg/Cm ²	
c	Normal Flow: 3m ³ /Hr.	
d	Material: Stainless Steel	
e	Back wash Frequency: 8HR.	
f	Media: Sylex & Carbon	
C	Water Softener Filter	
a	It should be vertical type and diameter 1.5 Ft. approx. and Height 5.5 Ft. approx.	
b	Working Pressure: 1 to 3.5 Kg/Cm ²	

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c	Normal Flow: 3m ³ /Hr.	
d	Material: Stainless Steel	
e	Back wash Frequency: 8HR	
f	Media: Sylex & Softener resin	
2.3	RO System:	
a	Capacity: 1000L/Hr	
b	Operating pressure: 150-200 PSI	
c	Pressure Pump and pipe and fitting should be made from stainless steel	
d	Number of membrane: 4 numbers and made from TFC-Polyamide.	
e	Module type: Spiral wound	
f	Piping MOC: UPVC	
g	Electrical control panel: 1No.	
h	Pretreatment : 5 micron cartridge filter	
i	Material: TDS meter, flow meter, pressure Gauges	
j	UV system: Should be made from 304 SS	
k	Limiting Conditions for RO feed water: RO should support minimum turbidity: <58 NTU Fluoride<1 SDI <5 Free chlorine: Nil COD <10 BOD <5 Iron <0.3	
2.4	Water quality: treated water of the following parameters would be available after RO permeate	
a	Appearance: Crystal clear	
b	Total Hardness: 30-100 PPM	
c	Total dissolved solids: 50-200 PPM	
2.5	High Pressure Pump	
a	Pump and Feed Pump: Should be made from 304 SS and feed pump capacity 1000 L	
b	Type: Vertical multistage centrifugal pump	
c	Rating: 2 HP	
d	Max. Pressure: 12kg/cm ²	
2.6	Ultraviolet disinfection system	
	Fluorescent tube type	
	Working flow: 1000 – 1200 LPH	
	MOC: SS - 304	
	Radiation frequency : 250 – 255 manometer	
3	Accessories, Spare Parts and Consumables	
	All standard accessories/consumables/parts required for the proper operation of the above item shall be included in the offer.	
4	User Training	

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4.1	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users.	
5	Warranty	
5.1	Comprehensive warranty of 1 year after acceptance. Warranty letter must be submitted.	
6.	Standards and Safety Requirements	
6.1	Must submit ISO 9001 or ISO 13485:2003/AC: 2007 or CE Certified certificate	
7	Installation and Commissioning	
7.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.	
8	Documentation	
8.1	Product browser must be submitted	
8.2	User (Operating) manual in English	
8.3	Service (Technical / Maintenance) manual in English	
9	Authorization letter of the product for Nepal must be submitted	

Note:

Bidder must completely fill the Technical Specification Form (TSF). Only Yes/no/all complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid.

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