

July 25, 2012

Amitabh Foundation  
P.O.Box 21055, Ward No.6 VDC  
Amitabh Marg, Kapan  
Kathmandu, Nepal  
Tel: 00977- 1 – 691134  
Mobile : +977 9841213733  
E-mail : [amitabhafoundationkathmandu@gmail.com](mailto:amitabhafoundationkathmandu@gmail.com)

Sub : Offer for Water Treatment Plant

Kind Attn : Mr Lobsang Gyaltzen Sherpa

Dear Sir,

Please find attached our final offer for Water Treatment Plant for a capacity of **5 m<sup>3</sup>/hr.** for an operation of max. 22 hours per day for normal utility application.

We are pioneer in supply and installation of Water Treatment Plants, RO System and Waste Water Treatment. We have a trained and experienced team of engineers to care of installation process and after sales service issues.

I have attached complete detailed technical specifications along with brochures.

Please feel free to call me at 421 9999 or 98510 33599 for any further clarifications.

Regards,

Sincerely yours,



Sanjay Kr. Tulshyan

**TECHNICAL SPECIFICATIONS & SCOPE OF SUPPLY:**

**INPUT DATA**

FLOW RATE (M3/H)	5
IRON (mg/L as Fe)	< 1.5
MANGANESE (mg/L as Mn)	NA
TURBIDITY (NTU)	< 15
SILCA	Nil
DESIGN STANDARD	TAS
DESIGN PRESSURE (Kg/cm2)	3.5

**FILTRATION SYSTEM**

**AERATION SYSTEM**

TYPE	FRP
FLOW	5 m3/hr.

**FILTERS**

TYPE	TAS Iron Removal Filter (FXLOC600)
DIAMETER (inches)	24
HEIGHT ON STRAIGHT (inches)	72
CONSTRUCTION	FRP with MPV
MAKE	Pentair

TYPE	TAS Dual Media Filter (FXLDMF600)
DIAMETER (inches)	24
HEIGHT ON STRAIGHT (inches)	72
CONSTRUCTION	FRP with MPV
MAKE	Pentair

TYPE	TAS Activated Carbon Filter (FXLACF600)
DIAMETER (inches)	24
HEIGHT ON STRAIGHT (inches)	72
CONSTRUCTION	FRP with MPV
MAKE	Pentair

**DOSING PUMPS**

TYPE	Electronic (Pentair)
QTY.	2 NOS.

**CHEMICAL DOSING TANKS**

TYPE	Sintex
CAPACITY	100 LTRS.
QTY.	2 NOS.

**WATER PUMP (For Feed to Filter)**

TYPE	GRUNDFOS
CAPACITY	5 M3/HR.
QTY.	1 NOS.

**PRICE for FILTRATION SYSTEM**

Our most competitive Price for design, engineering & supply of the Iron and suspended solids removal Plant as given in scope of supply would be:

**NPR 765,000/- + VAT**

**BATTERY LIMIT :**

INLET : Customer Scope  
OUTLET : Customer Scope  
ELECTRICAL : Customer Scope  
CIVIL : Customer Scope  
TANKS : Customer Scope  
INTERCONNECTING PIPINGS : TAS Scope

**TERMS AND CONDITIONS :-**

Price : Ex Kathmandu  
Packing & Forwarding : Included  
Customs Duty : Included  
VAT : Extra at Actuals (Currently 13%)  
Transportation : Included

**TERMS OF PAYMENT :**

50% advance along with PO.  
40% after material reaches at site.  
Remaining 10% within 1 week of installation work is completed.

**DELIVERY :**

Within 2-4 Weeks from the receipt of your P.O. with advance.

**Installation & Commissioning :**

Included.

**VALIDITY :**

Our offer is valid for your consideration for a period of 30 days from the date of our proposal.

**SCHEDULE OF EXCLUSIONS**

1. All civil works including Plant Building/Shed, equipment foundations, grouting, and platforms for chemical storage wherever applicable, trenches, acid/ alkali proof tiling wherever required, effluent/ neutralization pit, etc.
2. All civil work including storage tanks required for Raw Water, and Treated water; All chemical storage tanks, unloading pumps & associated piping, Pumping stations & piping from pumping stations to utility points.  
Concreting of the bottom dished end is excluded.
3. Chemical Inlet Piping up to all measuring tanks, Piping from Filter outlet to storage tank, Filtered water transfer pump & associated piping.
4. All electrical work such as plant illumination, Starter / Compartmental MCC panel and cabling & termination to all drives.
5. All piping, piping supports etc. outside our battery limits as specified in our list of termination points.
6. All consumables, regeneration chemicals required during start up and commissioning of the plant.
7. Water and power required for site fabrication, erection, testing, commissioning and operation of plant.
8. Laboratory / Chemical Testing facilities for raw water, treated water and chemicals testing. Laboratory testing equipment and all the reagents required for any Instruments.
9. Backwash water pump & piping to B/W inlet, if required.
10. Any other item not specifically mentioned in our offer and scope of supply.

For TECHNICAL ASSOCIATES SERVICES P. LIMITED



**Sanjay Kr. Tulshyan**

# Water Treatment Flow Diagram

## Amitabh Foundation - Kathmandu

