

NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED
(A GOVT. OF INDIA ENTERPRIS)
New Pusa Unit, Old Police Station, IARI, Pusa, New Delhi – 110012

Ref.No. 407201/368

Date: 6.8.2012

ADDENDUM

The following addendum is, hereby, incorporated to NIT No. 407201/NIT/304 dated 16.7.2012 & Addendum no. 407201/343 Dated 26.7.2012 for the work of Water Treatment Plant at NASC Complex, ICAR, New Delhi:-

1. Efficiency of the RO System should be 65%.
2. RO water output should be as per WHO drinking standard.
3. Contractor should provide design details/ criteria before installation of RO Plant.
4. Treated water quality & Annexure III B both pages may be assume as deleted.
5. The tender should be ISO standard.
6. The agency should do comprehensive maintenance including operator & consumable parts.

TECHNICAL SPECIFICATION

1. RAW WATER PUMP

M O C	:	SS
Make	:	GRUNDFOSS/EBARA/SUMO/CRI
Flow rate	:	15 M3 /HR
Qty.	:	Two (one working + one stand by)

2. MULTIGRADE SAND FILTER

Make	:	Pentair/Waterlife/Ht Coma/ Eqv.
Quantity	:	One
Flow Rate M3/hr Max	:	15.0
MOC	:	FRP/MSEP

3. ACTIVATED CARBON FILTER

Make	:	Pentair/ Waterlife /Ht Coma/Equ.
Quantity	:	One
Flow rate M3/hr Max	:	15.0
MOC	:	FRP/MSEP

4. ANTISCALANT DOSING SYSTEM

MAKE	:	ASIALMI/INJECTA/MILTON ROY/EQV.
Quantity	:	One
Dosing Tank	:	
Quantity	:	One
Capacity	:	100 Ltrs
MOC	:	HDPE
Make	:	National/sintex

5. CARTRIDGE FILTER

No of Housing	:	As per requirement
No. Of cartridges	:	As per requirement
Housing	:	AEP/FRP
Housing of cartridge	:	PP
Cartridge rating	:	5-10 micron

6. HIGH PRESSURE PUMP

Quantity	:	Two (one working + one stand by)
Make	:	Grundfos/Ebara/Sumo/ITT Lovara
Capacity	:	15 m3/hr / As per designed criteria
MOC	:	SS
7. RO UNIT		
Make	:	Maxima/Code Line/ Waterlife /Equiv.
MOC of pressure tubes	:	FRP
RO Skid	:	One
Piping/fittings	:	One Lot
No. of membranes	:	Ten Nos.
Pressure Tubes	:	As per designed criteria
Membrane size	:	8040
Membrane make	:	Dow Film Tech/ Hydronautics/Torray
8. pH CORRECTION SYSTEM		
Make	:	ASIA LMI/INJECTA/MILTON ROY/ OLYMPIA
No. off	:	One
Dosing Tank	:	
No. Offered	:	One
Capacity	:	100Ltrs
MOC	:	HDPE
Make	:	National/sintex
9. INSTRUMENTATION		
Flow Indicator	:	4 nos (Make : Flowmax /eureka/Gefanuc /Aster)
Pressure Gauge	:	8 nos (Make : Waree / Forbes Marshal)
Pressure Switch	:	2 nos (Indfoss / Waree/Dunfoss)
Conductivity meter	:	1 no (Of reputed make)
pH Meter	:	1 no (Of reputed make)
10. Control Panel	:	Control Panel with reputed parts / Skid Mounted
11. WATER TANK		
Make	:	National/ Sintex / Equv.
MOC	:	HDPE
Qty.	:	5 nos.
Capacity	:	10000 ltrs.

The date of sale & submission of tender is as below:-

- | | | |
|-----------------------------|---|----------------------|
| 1. Sale of Tender | - | 13.8.12 by 4.00 PM |
| 2. Submission of Tender | - | 14.8.2012 by 3.00 PM |
| 3. Opening of Technical Bid | - | 14.8.2012 by 3.30 PM |

All other terms and conditions will remain the same.

PROJECT MANAGER
Ph. No. 011-25841029