

SCOPE-MM-GM(T)/65311(C)/2017/1370
May 18, 2017

NOTICE INVITING TENDER

Sub: Replacement of existing R.O. Plant 10m³/hr. with New R.O. Plant at the same capacity in A.C. Plant Room at SCOPE Complex, 7-Lodhi New Delhi – 110 003.

1. Sealed item rate tenders are invited by General Manager (Tech) SCOPE on behalf of Constituents of SCOPE Complex, Lodi Road, New Delhi – 110 003. For the subject work as per the details given below:-
 - 1.1 Name of the work : **Replacement of existing R.O. Plant 10m³/hr with New R.O. Plant at the same capacity in A.C Plant Room at SCOPE Complex 7-Lodhi Road, New Delhi-110003.**
 - 1.2 Estimated Cost : **Rs. 18,27,162.00**
 - 1.3 Earnest Money : **Rs. 36,550.00**
 - 1.4 Time for completion : **3 months from the date of issuance of LOA.**
 - 1.5 Cost of Tender : **Rs. 500.00**
 - 1.6 Last date of submission of Tenders : **14.06.17 upto 3.00 P.M.**
 - 1.7 Place of submission of Sealed Tenders : **Office of General Manager (Tech)
Core – 8, First Floor, SCOPE Complex,
7 – Lodi Road, New Delhi – 110 003.**
 - 1.8 Date & Time of opening of Tenders : **14.06.17 at 3.30 P.M. (Technical Bid)**
 - 1.9 Place of opening of Tenders : **As mentioned above.**

| | | | |
|------------|--|---|------------------------------------|
| | MOC of pressure tubes | : | FRP |
| | Feed Flow | : | 17 Cum / hr. |
| | PH meter | : | 01 no. |
| | Recovery | : | 70% |
| | Average permeates flow | : | 10,000 ltr. / hr. |
| | Rota Meters | : | 03 nos. |
| | R.O. Skid | : | One |
| | Piping/fittings | : | One lot |
| | Flow indicator | : | GPC / Eureka |
| | ORP Meter | : | Indion / Aster |
| 5 | <u>R.O. PANEL</u> | | |
| | Type | : | IEI standard |
| | Qty | : | 1 no |
| 7. | <u>CONDUCTIVITY METER</u> | | |
| | Make | : | INDION / Aster |
| | Model | : | DM-50/1 |
| | Range | : | 0-2000 micro seimens |
| | Quantity | : | 01 |
| 8. | <u>HIGH PRESSURE PUMP</u> | | |
| | Make | : | Grundfos |
| | Type | : | Multi stage Centrifugal |
| | Flow @ head (Cum / hr) | : | 17 Cum / hr |
| | Material of construction | : | SS 316 wetted parts |
| | Driver motor | : | 25 HP x 2900RPM |
| | Model | : | Approval as per Engineer in Charge |
| | Quantity | : | 2 nos. (One standby) |
| | Rated voltage | : | 415V |
| 9. | <u>PH CORRECTION BOOSTING SYSTEMS</u> | | |
| | M.O.C. | : | HDPE. |
| | Volume of Tank | : | 100 ltrs. |
| | No. of Dosing pump | : | 01 no. |
| | Type of Pump | : | Reciprocating |
| | Make | : | Asia / LMI |
| | Dosing rate Lph. Max. | : | 0-10 |
| 10. | <u>Cartridge Filter</u> | | |
| | Material of construction housing | : | PP |
| | Cartridge rating | : | 5 Microns |
| | Cartridge tyupe | : | Polypropylene |
| | Service flow | : | 17 Cum / hr. |
| | Filter Housing | : | SS 316 |

- 11 **Pipeline**
- Make : Jindal / TATA
Class : "B"
R Thickness : 3.5to 4 mm
Qty : 1 lot
- 12 **Pressure gauge**
- Make : H. guru
Range : 0-7 kg/cm2
Type : Bourden type
Qty : 1 lot
- 13 **Butterfly valve**
- Make : Audco/ Advance / L&T/SANT
Qty : 1 lot
- 14 **Diaphragm valve**
- Make : Del / Audco
Qty : 1 lot
- 15 **MCC PANEL**
- SDF : SIEMENS
MCB : SIEMENS
CONTACTOR SIEMENS/ EQV : SIEMENS
OVER LOAD RELAY : SIEMENS
VOLT METER : Rishab / AE
AMMETER : Rishab / AE
INDICATOR LAMP : VAISHNO
CABLE (ARMOURED) : POLYCAB / SKYTONE
- 16 **RAW WATER PUMPS**
- Make : Grundfos vertical
Capacity : 17 cum / Hr.
Head : 35 Mtr.
MOC : CI casing, Bronze impeller
Rating : as per design approved by Engineer in Charge
Rated Voltage : 415 V, 3 phase, AC supply.
Quantity : 01
17. **RO PLANT**
- Make : Ion-Exchange
Capacity : 10 Cum/hr