

**CORRENGIDIUM**

**In continuation to the Tender Call Notice No.964 dtd.01.05.2018 & ADDENDIUM No.988 dtd.08.05.2018 published in the News Paper may be read as CORRENGIDIUM INSTEAD OF ADDENDIUM.**

The Pre-Bid meeting was held on 08.05.2018 in the presence of the bidders & District Level Purchase Committee. As per suggestions & discussions the Technical specification; terms & Conditions for Warranty and Comprehensive Annual Maintenance Contract, terms and conditions of delivery/installation, minimum eligibility criteria & Financial Bid for quoting of price has been substituted.

The Bidders are requested to submit the tender documents as per the revised **CORRENGIDIUM** as detailed below,

All other Terms & conditions of the tender call notice remain unchanged.

  
09/5/18

District Welfare Officer  
District Welfare Officer  
Malkangiri

**COLLECTORATE: MALKANGIRI  
ST & SC DEV. SECTION**

Tender No. 991/IV-5/2018

Dated : 9.05.2018  
ANNEXURE-IV

**QUOTE YOUR PRICES**

Sl.No.	R.O. Water Purifier Systems (With minimum 1 year warranty with 3 maintenance visits)	Brand of R.O. Water purifier system (To be specified by the Bidder)	Quoted Unit Rate (To be quoted by the Bidder) Inclusive of Installation charges and Taxes	Comprehensive Annual Maintenance Contract for 5 years post warranty (inclusive of spare parts cost)	Total Cost (Inclusive of taxes)
01	R.O. water purifier systems of 250 LPH Capacity with 2000 litres SS 304 stainless steel, leak proof purified water tank, suitable voltage stabilizer (ISO standard) and raw water tank Sintex triple layer 2000 litres.				
02	R.O. water purifier systems of 100 LPH Capacity with 800 litres SS 304 stainless steel, leak proof purified water tank and suitable voltage stabilizer (ISO standard)				
03	R.O. water purifier systems of 50 LPH Capacity with 400 litres SS 304 stainless steel, leak proof purified water tank and suitable voltage stabilizer (ISO standard)				
04	R.O. water purifier systems of 40 LPH Capacity with 400 litres SS 304 stainless steel, leak proof purified water tank and suitable voltage stabilizer (ISO standard)				
05	R.O. water purifier systems of 25 LPH Capacity with 200 litres SS 304 stainless steel, leak proof purified water tank and suitable voltage stabilizer (ISO standard)				
06	R.O. water purifier systems of 10 LPH Capacity with 100 litres SS 304 stainless steel, leak proof purified water tank and suitable voltage stabilizer (ISO standard)				
*	Cost of PVC pipe to connect with source (ASTM-D-1785/89 Schedule 80) pipe (quote rate Rs per meter)				

*Note : The Bidders are requested to go through the notice inviting tender carefully and quote their prices in the Proforma. Prices to be quoted considering order of 100 units of various capacities amounting to approx. Rs. 1.2 crores only.*

Date :

Place:

(SIGNATURE OF BIDDER)  
(OFFICIAL SEAL)  
FULL NAME & DESIGNATION

*[Handwritten signature]*  
14/5/18

## Terms & Conditions for Warranty and Comprehensive Annual Maintenance Contract

1. 1 year warranty and 5 year AMC should include all the components required for full functioning of RO system including pipes, tanks, filters, stabilizer etc.
2. Minimum 3 maintenance visits per year (each at an interval of 4 months) during warranty and AMC period are mandatory.
3. Complaints should be attended within 24 hours and issue resolved within 48 hours else penalty clause will be enforced.
4. After warranty period Comprehensive Annual Maintenance Contract to be done by the approved Firm/Supplier for a period of 5 years. This will include minimum 3 maintenance visits per year by authorized technician of the approved firm/supplier.
5. Payment for AMC will be in 5 instalments at the end of each year subject to minimum maintenance visits and successful resolution of complaints else penalty clause will be enforced.
6. Once complaint is lodged it has to be attended within 24 hours and issue should be resolved within 48 hours, else penalty clause will be enforced.
7. The contract will be on comprehensive basis inclusive of repairs and replacement of spare parts without extra payment.
8. No demand for revision of rates on any account shall be entertained during the contract period.
9. The supplier/firm shall be responsible for any loss or damage caused to any of the machines owing to negligence on their part.

### Changes in terms and conditions of delivery/installation:

1. For 250 LPH systems timeline of installation of all units is as follows:
  - 25% units within first 15 days of issue of work order
  - 50% units within 30 days of issue of work order
  - 100% units within first 45 days of issue of work order
2. For 10/25/40/50/100 LPH systems timeline of installation of all units is as follows:
  - 25% units within first 10 days of issue of work order
  - 50% units within 15 days of issue of work order
  - 100% units within first 30 days of issue of work order
3. Any delay in installation beyond the stipulated timeline will invite penalty as per clause mentioned in tender call notice.

### Changes in Minimum eligibility criteria:

1. Only GST Registration required not Service tax registration
2. Quality certification of product (ISO or equivalent) must be produced in bid document.

APG  
19/1/14

## Technical Specifications for 10/25/40/50/100 LPH RO SYSTEMS

SL.No.	Parameter	Specification
1	Purification capacity	Minimum 10 LPH (for 10 LPH RO system) Minimum 25 LPH (for 25 LPH RO system) Minimum 40 LPH (for 40 LPH RO system) Minimum 50 LPH (for 50 LPH RO system) Minimum 100 LPH (for 100 LPH RO system)
2	Max Duty Cycle	Minimum 150 Liters per day (for 10 LPH RO system) Minimum 400 Liters per day (for 25 LPH RO system) Minimum 600 Liters per day (for 40 LPH RO system) Minimum 750 Liters per day (for 50 LPH RO system) Minimum 1500 Liters per day (for 100 LPH RO system)
3	Membrane	TFC
4	7 Stage Purification	1) Pre-Candle, 2) Sediment, 3) Activated Carbon, 4) RO-UF, 5) UV System, 6) Post Carbon, 7) TDS Minimiser,
5	UV System/Filter	Yes
6	AUTO Turn ON /Turn OFF	Yes
7	Filter change Alarm	Yes
8	UV Fail Alarm	Yes
9	Stabilizer	Yes
10	Purification Tank	SS 304 Stainless steel 100 liters (for 10 LPH RO system) 200 liters (for 25 LPH RO system) 400 liters (for 40 LPH RO system) 400 liters (for 50 LPH RO system) 800 liters (for 100 LPH RO system)
11	Output	Potable safe drinking water as per BIS standards
12	Reduction in TDS	Min 90%

*ASB*  
9/5/18

## Technical Specifications for 250 LPH RO SYSTEMS

S. No.	Description	250 LPH RO PLANT SPECIFICATION	
1	RAW WATER FEED PUMP	Type	Centrifugal
		Flow rate	1500 Litres/Hour
		Discharge Capacity	2.5 kg/cm <sup>2</sup> (min.)
		Motor Rating	0.5 HP (min.)
		Electricity	220 V, Single phase
		Quantity	1
		Make	CRI or equivalent (ISO standard)
2	Pressure Sand Filter (PSF)	Capacity	1500 Litres/Hour
		Min. Operating Pressure	1.5 kg/cm <sup>2</sup>
		Media	Support bed + Carbon
		Quantity	1
3	ACTIVATED CARBON FILTER (ACF)	Capacity	1000 Litres/Hour
		Min. Operating Pressure	1.5 kg/cm <sup>2</sup>
		Media	Activated Carbon + sand
		Quantity	1
4	Antiscalant Dosing System	<b>Dosing Pump</b>	
		Type	Electromagnetic
		Capacity	1.5 Litres/Hour
		Discharge Pressure	4 kg/cm <sup>2</sup>
		Quantity	1
		<b>Dosing Tank</b>	
		Capacity	100 Litres
		Material of Const.	HDPE
		Quantity	1
		5	Micron Cartridge Filter (For removing suspended particles >5 micron)
Material of Cartridge	Polypropylen/PVC		
Filter Rating	5 micron		
Length	10"		
Quantity	1		
6	High Pressure Pump	Type of Pump	Vertical Multistage centrifugal
		Capacity	1000 Litres/Hour
		Discharge Pressure (Max.)	11 kg/cm <sup>2</sup>
		Material of Construction	SS 304
		Electricity	220 V, Single phase
		Quantity	1
7	Reverse Osmosis Membrane	Permeate capacity	250 Litres/Hour
		Membrane Type	Spiral wound TFCpolyamide
		Size	Dia. 4" X 40" long
		No. of Membrane	1
		No. of Membrane Housing	1
		Skid Material of Construction	Mild Steel - Powder Coated


  
 9/11/11

8	UV system	Capacity	250 Litres/Hour		
		Quantity	1		
9	Instrument List	A) Pressure gauges	3 Nos.		
		Range	0 – 21 bar		
		Dial Size	4 inches		
		Type	Bourdon		
		B) Pressure switches	2 Nos.		
		Range	0-450 psi		
		C) Conductivity meter	1 (Panel Mounted)		
		D) Rotameter	2		
		E) Level switch	2		
10	Electrical Control Panel	F) Digital TDS Meter	1		
		A) Starters, overload relays, single/three phase controller for pump	Should be provided of adequate capacity Havelis/Ancho r/ Equivalent		
		B) Voltmeter, Ammeter, MCB's		Should be provided of adequate capacity	
		C) PLC & Touch Panel		Should be provided	
		D) Feed/ Product water conductivity meter	Should be provided		
		11	RAW WATER TANK	Capacity	2000 L
				MAKE	SINTEX TRIPLE LAYER
12	PURIFIED WATER TANK	Capacity	2000 L		
		Material	Stainless steel (SS 304)		
		Feature	Leak proof		
13	STABILIZER	Make	Any ISO standard		

  
 9/1/12