

PUR. DIV.

Date: 23.08.2011

To,
Mr. Prabhakar Sharma,
Emmar Marketing Services,
3-6-237, Suite No. 311, 3rd Floor,
Lingapur-La-Builde, Amrutha Estates,
Himayath Nagar,
Hyderabad.

Dear Sir,

Sub: AMC details for 500 ltrs. RO plant – Reg.
Ref: Our W.O. No. 550 dtd. 18.05.2010.

As per your quotation reference No. PS/EMS//08/263/2011 Nil dtd. 19.08.2011.
AMC will be for 5 years after expiration of 1 year warranty period. AMC details for RO plant is as follows:

1. 1st year under warranty.
2. 2nd year Rs. 12,000/- per year to be paid in 2, ½ yearly installments of Rs.6,000/- each + 10.30% service tax(present rate).
3. 3rd year 5% increase on 2nd year Rs. 12,600/- + service tax to be paid to 2, ½ yearly installments.
4. 4th year 5% increase on 3rd year Rs.13,230/- + service tax to be paid to 2, ½ yearly installments.
5. 5th year 5% increase on 4th year Rs. 13,892/- + service tax to be paid to 2, ½ yearly installments.
6. 6th year 5% increase on 5th year Rs. 14,586/- + service tax to be paid to 2, ½ yearly installments.

Service tax subject to change as per Government Notifications.
Other terms: As mentioned in your quotation.

Thanking you.

Yours faithfully,
For Modi & Modi Constructions.

Gaurang Mody
Director

Acknowledged by
Mr. Prabhakar Sharma

Sign:

Date:

P. Prabhakar Sharma
24-8-11

Purchase

urgent!
5/10/13

From: "Emmar Marketing Services" <prasarma@sify.com>
To: "Purchase" <purchase@modiproperties.com>
Cc: "mnm" <mnm@modiproperties.com>; "gaurang" <gaurang@modiproperties.com>
Sent: Wednesday, July 10, 2013 11:49 AM
Subject: Re: Malfunctioning of RO plant - Nilgiri Homes, Rampally.

Dear Sir,

Thank you very much for your email and noted the contents. Yes, I have informed you that the pump is working properly. Subsequently also our technician Mr. Venkatesh visited the site and checked the which was working alright. But about five to six days back we received a phone call from your RO plant in charge at the site informing us that the pump is not working and to attend immediately the problem and to also submit our offer for a New Pump for replacement. Our Mr. Venkatesh visited the site again and observed that the Motor winding has been burnt. Subsequently he has collected pump yesterday and given it the CRI Pump service centre. After opening the Motor the Service Centre people commented that the Motor is burnt due to sudden Overload in the supply power and hence the Motor has to be re-winded.

The charges are Rs. 5000/- towards the cost of rewinding, testing and installation at site and commissioning of the RO Plant again. It will take 3 days from the date of receipt of your confirmation.

At this juncture I strongly suggest that you also procure a New Pump for commissioning the plant immediately and keep the Repaired pump as Stand-by in case of emergencies

With best regards,

PRABHAKARA SARMA
 EMMAR MARKETING SERVICES
 HYDERABAD
 9849022539

On 6 July 2013 17:01, Purchase <purchase@modiproperties.com> wrote:

Dear Sir,

Please refer telephonic discussions with you recently regarding low pressure /malfunctioning of RO plant installed at Nilgiri Homes, Rampally.

Last time when I spoke to you over phone, you said that the machine is working perfectly and no problem in pumps/motors.

All of a sudden, we have received an estimate saying that the High pressure motor has been burnt and needs replacement.

I kindly send your report regarding reasons for burning of motor immediately by return mail for our further course of action.

Please acknowledge receipt of the same.

Thanks and regards
 Srinivasa Rao

CC to: Mr. Yadgiri, Proj.Mgr: Please send your report on motor burnt immediately for

10-Jul-13

✓ further action.

Purchase

From: "MNM" <mnmm@modiproperties.com>
To: "Purchase" <purchase@modiproperties.com>
Cc: "Soham Modi" <soham@modiproperties.com>
Sent: Saturday, June 22, 2013 10:57 AM
Subject: Reg-R.O Plant Motor Pumps.

Dear sir,

At mnmm site R O plant having two Motor pumps .

1: CRI High power pump.
HP- 1.5 Voltage -230V , Speed -2900rpm, 11amps.
Cost of Motor pump is-17500/-

2 HP

2: MONO BLOCK Motor Pump.
H.P-0.5, Voltage-220,current amps-5amps, Speed -2880 rpm,
Cost of motor pump-3500/-

Regards,
Yadgiri,
(MNM)

11-Jul-13

Request for payment (Promotions and Purchase)

Division	☒ Purchase ☐ Promotions ☐ Other		
Pay to	Emman Mensetup Services		
Towards	And install ment of AMC charges		
Description	AMC charges for 500 km R.O. plant for And installment from 01.01.12 to 31.12.12 01.01.13 to 31.06.13.		
Amount	Rs. 6,618/-		
Type of Payment	☐ Advance ☐ Part Payment ☒ Balance Payment ☐ Full Payment ☐ Other		
Pay from Company		Pay from Project	Nilgiri Home Owner Assoc.
Payment to be divided	☐ Yes ☒ No		
Division of Payment			
Sl.No.	Project	Amount	Remarks
1.		Rs. 6,618/-	And installment
2.			AMC 1.7.12 to 31.12.12
3.			01.01.13 to 31.06.13
4.			
5.			
6.			
7.			
8.			
9.			
10.			
Remarks :			
Prepared by	Sign	Date	
M.S. Rao	M.S. Rao	4/1/13	
Approved by	Sign	Date	
[Signature]	[Signature]	21/1/13	

* chh mc - tax in %

Estimate

Page(s) 1 Of 1 Printed On : 31-Mar-12

Original / Office Copy / Purchase Div.Copy

From Company : **Modi & Modi Constructions**
5-4-187/3 & 4, IInd Floor, M.G.Road, Secunderabad - 500003
T I N No. : 28723421984

Supplier Details

EMMAR MARKETING SERVICES

3-6-237, suit No.311,3rd Floor, Lingapur-La-Buide,Amrutha Estates,Himayathnagar,Hyd.500029

23222016,23222631

23222016

9848889104

Doc No	10163	29876
Doc Date	31-03-2012	
Quote No	nil	
Quote Date	31-03-2012	
SupplyType	Supply And Installation	

Kind Attn : **Mr.P.V.Naidu.**

Estimate for the Supply of following Items.

Item Name	Qty	Rate	Dis%	VAT%	Amount
1 4085 - Consumables - Micron Cartridge - 20 Inches - nos	2.00	371.00	0.00	14.50	849.59
2 3143 - Chemicals - Anti Scalant Dosing Chemical - NA - Ltrs	5.00	393.00	0.00	14.50	2249.93
Total Order Value . . .					3099.52

Rupees : Three Thousand Ninty Nine and Paise Fifty Two Only.

Terms and Conditions :-

Specification / Brand Above material should be good quality.

Payment Terms After Delivery & Production of bill

Tax Inclusive of all taxes

Delivery Date Next Day.

Delivery Location Nilgiri Homes

Sy.No.128, Rampally, Keesara, Hyd. Off main road connecting Rampally X rd to Ghatkesar.

Phone. Contact: Security 08415-260410, Admin 9246824538.

Penalty For Delay Nil

Transportation Cost Transport cost shall be borne by us.

Warranty Nil

Advance Paid Nil

Other Terms We reserve the right to reject items not conforming to quality and specifications. Above order for R.O.plant purpose.

Completion Date NA

Measurment NA

Securit, Nil



For **Modi & Modi Constructions**

Authorised Signatory

M. Modi

Accepted the above Terms And Conditions

For **EMMAR MARKETING SERVICES**

Date: / /

Purchase

From: "MNM" <mnm@modiproperties.com>
To: <prasarma@satyam.net.in>
Cc: "Purchase" <purchase@modiproperties.com>; "yadagiri" <yadagiri@modiproperties.com>
Sent: Saturday, March 03, 2012 5:00 PM
Subject: R.O Plant is not functioning at MNM site - reg..

Dear Sir,

This is to inform you that, In MNM site R.O plant is not functioning since morning. Kindly depute your technician to our site to sort out the problem immediately.

Regards,

Admin,
MNM

C.C to Mr.Srinivas Rao (Asst Purchase Manager @ MPIPL)
C.C to Project Manager at Site Office.

*Spoke to H. Naidu.
Complaint acknowledged
now working on it.
H. Naidu
6/3/12*

05-Mar-12

Date: 01.12.2011

Estimation for R.O.Plant Consumables meant for MnM, Rampally.

Sl.No.	Description	Qty	Size	Rate Per Unit	Amount
1	20" Micron Cartridge	1	NA	500	500
2	Anti Scalant Dosing Chemical (ltrs)	5		450	2250
	Total:				2750

Note: ID for Micron Cartridge is to be prepared.

M. Gao



* ANC Starts from Jan. 12.

Request for payment (Promotions and Purchase)

Division	☒ Purchase ☐ Promotions ☐ Other		
Pay to	M/S Emma Marketing Services		
Towards	1st installment AMC charges		
Description	1st installment AMC charges for 500 R/O R.O. plant Rs. 6,618/- for 6 months period 01.01.12 to 30.06.12		
Amount	Rs. 6,618/-		
Type of Payment	☐ Advance ☐ Part Payment ☐ Balance Payment ☐ Full Payment ☐ Other		
Pay from Company	N.A.	Pay from Project	Nilgiri Home Owners Association
Payment to be divided	☐ Yes ☒ No		
Division of Payment			
Sl.No.	Project	Amount	Remarks
1.	Nilgiri Home	Rs. 6,618/-	1st installment AMC
2.	Owner Assoc.		for the period from
3.	Rampally		1.1.12 to 30.6.12 ✓
4.			
5.			
6.			
7.			
8.			
9.			
10.			
Remarks :	1st installment AMC charges for 500 R/O plant		
Prepared by	Sign	Date	
M. Srinivasan		1.12.11 8/12/11	
Approved by	Sign	Date	

08-12-11

Date: 01.12.2011

Estimation for R.O.Plant Consumables meant for MnM, Rampally.

Sl.No.	Description	Qty	Size	Rate Per Unit	Amount
1	20" Micron Cartridge	1	NA	500	500
2	Anti Scalant Dosing Chemical (ltrs)	5		450	2250
	Total:				2750

Note: ID for Micron Cartridge is to be prepared.



Recd on
20/8/11



REF : PS/EMS/08/263/2011.
DATE : 19th August, 2011.

To
M/S. Modi & Modi Constructions,
Rampally,
Hyderabad.

Dear Sir,

SUB: AMC For 500 Ltr/hr R.O. Plants - 1 no.
Invoice No. 132/INV/EMS/MMC, Dt. 03.07.2010

With reference to personal visit by our MR P.V. Naidu to your office and discussions he had with you on the above subject, The above systems supplied in the month of July, 2010, the warranty one year has been completed by June, 2010.

Now we would like to enter into an AMC contract with you for regular maintenance of your RO Plants.

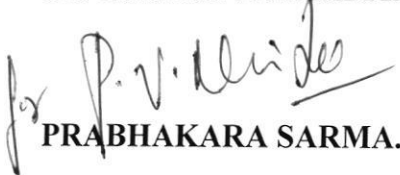
Details of AMC agreement : -

1. We shall depute our service technician twice in a month during AMC period.
2. He will inspect the two Plants and shall submit a report on the Plants.
3. Our charges for the AMC will be Rs.12000/- for one year for each Plant.
4. The above charges does not cover consumables required for regular operation and spares for maintenance.
Consumables : Antiscalant, Filter Cartridges etc.,
Spares : R.O. Membranes, Spares For Pumps, electricals
R.O.Housings spares Instruments, Filter media, Valves etc.
5. Payment : 50 % of the AMC amount ie Rs.12000/- to be paid initially at the time of AMC agreement and balance 50% after six months,

We trust you will find our offer is in line with your requirements and quite competitive. Should you require any further clarifications please do not hesitate to contact us.

Thanking you,

Yours faithfully,
For EMMAR MARKETING SERVICES


PRABHAKARA SARMA.



ANTICO
Polypropylene, PFA & FEP Pumps
PFA/FEP Lined Valves

PRICE
Air Operated Double Diaphragm Pumps

**Fluorolined
Equipment**
PVDF Pumps

investa™
SS 316 Chemical Pumps

EMMARo RO Systems Sand & Carbon Filters

EMSOFT Water Softener DM Plants

EMMAR MARKETING SERVICES
3-6-237, Suite No. 311, 3rd Floor, Lingapur-La-Buide,
Amrutha Estates, Himayathnagar, HYDERABAD - 500 029.
Phones : Off : 2322 2016, 2322 2631, Fax No. 040-2322 2016,
E-mail : prasarma@sify.com

EMMAR MARKETING SERVICES

3-6-237, No. 311, 3rd Floor, Lingapur-La-Bulde,
Amrutha Estates, Himayathnagar, HYDERABAD - 500 029.
Phones : Off : 2322 2016, 2322 2631, Fax No. 040-2322 2016.
E-mail : prasarma@satyam.net.in

BILL

Installation testing
Commissioning completed &
handed over in Feb-11
Confirmed to

EMMARNo. **132 / INV / EMS / MMC**

Date: 03.07.2010

Your Order

M/s Modi & Modi Constructions

#5-4-187/3&4, II floor,

MG Road, Secunderabad-500003.

No. A 550

Date: 18.05.2010

Our Challan No. 132/DC/EMS Dated : 03.07.2010 Material despatched to _____Under R.R.No. _____ Dated : _____ Freight to PAY
C.C.No. _____ PAID

Rs. _____

Sno.	DESCRIPTION	Unit	Qty.	Unit Rate Rs. Ps.	Total Amount Rs. Ps.
1	Supply and Installation of Reverse Osmosis System Model: EMMARO 500 Capacity: 500 Litres / Hour	Set	1	150000	150000
2	Chlorine Dosing System	Set	1	10000	10000
Add: VAT Tax @ 14.5%					160000
					23200
					183200

Rupees One Lakh Eighty Three Thousand and Two Hundred Only

Total Rs.**183,200.00**

Payment Terms: 100% Payment against delivery.

Documents
Through:**DIRECT**TIN No. **28640115700**

C.S.T No. ABS/10/1/1046/95-96

Valid from 01-06-1983

SUBJECT TO HYDERABAD JURISDICTION

1. Payment when made by Cheque/Demand Draft should be in favour of EMMAR
MARKETING SERVICES A/c. PAYEE ONLY.

2. Interest @ 24% will be charged if BILL not paid on due date.

For EMMAR MARKETING SERVICES**(PRABHAKARA SARMA)**

OFFICE COPY.

Date: 23.08.2011

To,
Mr. Prabhakar Sharma,
Emmar Marketing Services,
3-6-237, Suite No. 311, 3rd Floor,
Lingapur-La-Buide, Amrutha Estates,
Himayath Nagar,
Hyderabad.

Dear Sir,

Sub: AMC details for 500 ltrs. RO plant – Reg.
Ref: Our W.O. No. 550 dtd. 18.05.2010.

As per your quotation reference No. PS/EMS//08/263/2011 Nil dtd. 19.08.2011.
AMC will be for 5 years after expiration of 1 year warranty period. AMC details for RO plant is as follows:

1. 1st year under warranty.
2. 2nd year Rs. 12,000/- per year to be paid in 2, ½ yearly installments of Rs.6,000/- each + 10.30% service tax(present rate).
3. 3rd year 5% increase on 2nd year Rs. 12,600/- + service tax to be paid to 2, ½ yearly installments.
4. 4th year 5% increase on 3rd year Rs.13,230/- + service tax to be paid to 2, ½ yearly installments.
5. 5th year 5% increase on 4th year Rs. 13,892/- + service tax to be paid to 2, ½ yearly installments.
6. 6th year 5% increase on 5th year Rs. 14,586/- + service tax to be paid to 2, ½ yearly installments.

Service tax subject to change as per Government Notifications.
Other terms: As mentioned in your quotation.

Thanking you,

Yours faithfully,
For Modi & Modi Constructions.

Gaurang Mody
Director

Acknowledged by
Mr. Prabhakar Sharma

Sign:

Date:

Ref No: PS/EMS/QTN/5/104/10-11
Date: 28th May, 2010.

Recd on
29/5/10
✓

EMMAR

To
M/s.Modi & Modi Constructions,
5-4-187/3&4, II floor, MG Road,
Secunderabad-500003.

Kind Attn: Mr.Gourang Modi

Dear Sir,

Sub: Your Requirement of Consumables for 500 LPH RO Plant – Reg.

* * *

Quotation

RO Plant Consumables:

Sno.	Description	Qty.	Unit Price
1.	HYDRANAUTICS Make Reverse Osmosis Membrane Model: ESPA-2-4040	02 Nos.	13,000=00 Each
2.	Sand Media	100 Kgs.	8=00 per Kg
3.	Activated Carbon	30 Kgs.	75=00 per Kg
4.	Dosing Chemical	10 Ltrs.	450=00 per Ltr
5.	20" Micron Cartridges	01 No.	500=00 Each

Annual Maintenance Contract:

- ✓ AMC will be carried out @ Rs.1200/- per Month.
- ✓ There will be two visits in a month for Inspection and Reporting.
- ✓ Replacement of Spares and Consumables will be carried out at Extra Cost.

Terms & Conditions:

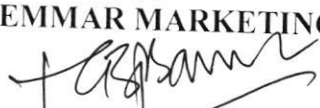
1. Price : Ex Our Godown, Hyderabad
2. Sales Tax : VAT 14.5% Extra
3. Delivery : Ex-Stock / Subject to prior sale.
4. Payment Terms : 50% Advance along with your order and balance at the time of delivery.
5. Validity : 30 days.

We trust you will find our offer is in line with your requirements and quite competitive. Should you require any further clarifications please do not hesitate to contact us.

Thanking you and looking forward to receive your valued order.

Yours faithfully,

For **EMMAR MARKETING SERVICES**


PRABHAKARA SARMA

EMMAR MARKETING SERVICES
3-6-237, Suite No. 311, 3rd Floor, Lingapur-La-Builde,
Amrutha Estates, Himayathnagar, Hyderabad - 500 029.INDIA
Phone : Off. : 23222016, 23222631
Grams : "EMMAR" Fax No.: 040-23222016
E-mail : prasarma@satyam.net.in

File at M.M.
R.O. plant file.
I will decide
as this week or
next week

Sony
May 2010
4 Feb 2011

Purchase

From: "Purchase" <purchase@modiproperties.com>
To: <prasarma@satyam.net.in>
Cc: "mnmm" <mnmm@modiproperties.com>; "pmr" <pmr@modiproperties.com>; "gaurang" <gaurang@modiproperties.com>; <mpiplsnd@gmail.com>
Sent: Thursday, December 16, 2010 1:20 PM
Subject: Installation of R.O Plant.

Dear Sir,

Refer our P.O.No. 550 dt. 18.5.10 regarding supply of 1 no. 500 ltrs. R.O. Plant for our Nilgiri Homes, Rampally.

Regret to inform you that we are following up with your office for Testing and Commissioning of the above plant since 2 weeks but nothing happened till date.

Also some minor repairs to be carried out at Paramount Residency, Nagaram which is pending more than 1 month time.

Kindly look into the matter and do the needful on top priority.

Matter Urgent.

Regards
Srinivasa Rao
Asst.Manager-Purchase
For Modi Properties & Investments Pvt. Ltd.

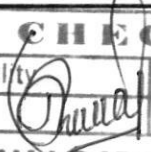
PS: since morning we are trying to contact Mr. Naidu but there is no response from his end.

EMMAR MARKETING SERVICES

3-6-237, Suit No. 311, 3rd Floor, Lingapur-La-Builde,
Amrutha Estates, Himayathnagar, HYDERABAD - 500 029.
Phones : Off : 2322 2016, 2322 2631 Fax No. 040-2322 2016,
E-mail : prasarma@satyam.net.in

DELIVERY CHALLAN

Recd on
12/7/10

INDENTOR: M/s. Modi & Modi Constructions Nilgiri Homes, Sy.No.143,133-136, Rampally Village. TIN No.				Delivery Challan No. 132 / DC / EMS / MMC Date: 03.07.2010 Indentor's Ref.No. A 550 Date: 18.05.2010			
CONSIGNEE: As Above				Destination:		Our Bill No 132 & 133 Date 03.07.2010	
				Freight to pay/paid :Rs.			
MODE OF DESPATCH:				Name of Transporter:			
INSURANCE:				GC No.		Date:	
				RR No.			
ITEM	DESCRIPTION	QTY	PKGS	RATE		AMOUNT	
				Rs.	Ps.	Rs.	Ps.
	Supply and Installation of Reverse Osmosis System Capacity: 500 Litres / Hour Construction of:						
1	CRI Pump Model:ACM-A24	1	No				
2	Pentair FRP Tank Model:1354	2	Nos				
3	25 NB Top Mount Filter MPV	2	Nos				
4	Dosing Pump Capacity: 6 LPH	2	Nos				
5	20" Blue Housing & Micron Cartridges	1	Set				
6	CRI Make Vertical Multistage High Pressure Pump Model:MVC-2-15	1	No				
7	Pentair Make RO Housing 40-250-1	2	Nos				
8	Membranes Model: ESPA-2-4040	2	Nos				
9	Electrical Control Panel with instrumentation	1	No				
10	Wet Panel	1	No				
11	Flowmeter Model:F1200E	2	Nos				
12	Pressure Controllers	2	Nos				
13	Glycerin Liquid Pressure Guages	2	Nos				
14	TDS Meter	1	No				
15	Drums - 100 Litres	3	Nos				
16	Sand Media	60	Kgs				
17	Carbon Media	25	Kgs				
18	UPVC Pipes and Fittings	1	Lot				
19	MS Fabricated Skid (3nos)	1	Lot				
Inward No 456				Total Value of Goods			
Received Materials / LR No. CHECKED				For EMMAR MARKETING SERVICES			
Signature with Stamp: BY  DT 03/07/10 NILIGIRI HOMES				 PARTNER			
Date:							

TIN No.28640115700

APGST No.ABS/10/1/1053/95-96

CST No.ABS/10/1/1046/95-96

Valid from 01-06-1983

70
MD
8 1/2

Subj: R.O. Plant motor Repair - MWH.

Please look into the report sent by mls Emmen re: kaitif regarding
High pressure motor burnt (1.5 HP) of RO Plant at MWH, Ranpady.

Also attached the new pump sent for your ready reference.
Kindly advise.

D. S. Rao

Encl: Above

EMMAR MARKETING SERVICES

6-237, Suit No. 311, 3rd Floor, Lingapur-La-Bulde,
mrutha Estates, Himayathnagar, HYDERABAD - 500 029.
hones : Off : 2322 2016, 2322 2631, Fax No. 040-2322 2016,
-mail : prasarma@satyam.net.in

EMMAR**BILL**

Your Order		M/s Modi & Modi Constructions		No. 133 / INV / EMS / MMC	
No. A 550		#5-4-187/3&4, II floor,		Date: 03.07.2010	
Date: 18.05.2010		MG Road, Secunderabad-500003.			
Our Challan No. 132/DC/EMS Dated : 03.07.2010 Material despatched to					
Under R.R.No. Dated : Freight to PAY Rs.					
C.C.No. PAID					
Sno.	DESCRIPTION	Unit	Qty.	Unit Rate Rs. Ps.	Total Amount Rs. Ps.
1	Monoblock Pump Capacity: 0.5 HP	No.	1	2700	2700
2	Centrifugal Pump Capacity: 2 HP	No.	1	17500	17500
					20200
Add: VAT Tax @ 4%					808
					21008
Rupees Twenty One Thousand and Eight Only		Total Rs.			21,008.00
Payment Terms: 100% Payment against delivery.		Documents Through: DIRECT			
TIN No. 28640115700		For EMMAR MARKETING SERVICES (PRABHAKARA SARMA)			
C.S.T No. ABS/10/1/1046/95-96 Valid from 01-06-1983					
SUBJECT TO HYDERABAD JURISDICTION					
1. Payment when made by Cheque/Demand Draft should be in favour of EMMAR MARKETING SERVICES A/c. PAYEE ONLY. 2. Interest @ 24% will be charged if BILL not paid on due date.					

WORK ORDER

WO No. A 550

Original / Office Copy / Purchase Div. Copy

WO Date 18-May-10

From: Modi & Modi Constructions

Quote No 10/564

5-4-187/3&4, II floor, M G Road, Secunderabad, 500003

Quote Date 29-Mar-10

To: Emmar Marketing Services

3-6-237, Suite No: 311, 3rd Floor, Amrutha Estates, Himayath

Contact Person Mr. Prabhakar

Work Order for Supply

of the following:

S No	Item	Oter Spec	Quant.	Rate	Disco- unt %	VAT	Amount in Rs.
1	2664:Equip.-R.O. Plant- in nos		1	150000	0	14.5	171,750
2	2667:Equip.-Chlorine Dosing System- in nos		1	10000	0	14.5	11,450
3	541:Pumps-Monoblock- in nos	0.5HP	1	2700	0	4	2,808
4	2912:Pump-Centrifugal- in nos	2HP	1	17500	0	4	18,200

Terms Conditions:

Total Work Order Value in Rs. 204,208

Specifications / Brand As per above referred quotation, S.No.1 -500 Ltrs per hour capacity, S.No.3&4 "CRI" brand.**Payment Terms** 15% advance, 60% on delivery of all materials, balance 25% on commissioning.**Tax** All taxes included in above price.**Delivery Date** Within 3 weeks of W.O i.e by dtd 3rd, June, 2010**Completion by** Within 4 weeks of W.O date 10th June, 2010**Delivery Location** Nilgiri Homes

Phone: 9908282828

Sy No:143/133/134/135/136 ,Rampally Village,

Penalty For Delay Nil**Transport Cost** Included in the above price.**Warranty** ☒ On all equipments 1yr from dtd of commissioning (or) 11/2yr from dtd of last dispatch, as per quote.**Measurement** According to actual site conditions.**Security** You shall be responsible for your material at our site against theft or damage. Lockable rooms shall be provided on request.**Advance Paid** 15% adv paid Rs.25,000/- vide Chq. No. 879277, dtd.18/05/10 drawn on HDFC bank.**Other Terms** We reserve the right to reject items not conforming to qty & specs. Refer Annexure for AMC & Consumables. Above W.O. for usage of drinking water.(Req.No.16893)

For Modi & Modi Constructions

Accepted the above Terms and Conditions

For Emmar Marketing Services

Authorised Signatory

Name:

GAUNANG MODY

Name:

Date:

Printed on Tuesday, May 18, 2010

Page 1 of 1

R.O. Plant handed over
after testing & commissioning
in Feb-11. *132*
3/5/10

EMMAR MARKETING SERVICES

3-6-237, Suit No. 311, 3rd Floor, Lingapur-La-Bulde,
Amrutha Estates, Himayathnagar, HYDERABAD - 500 029.
Phones : Off : 2322 2016, 2322 2631, Fax No. 040-2322 2016,
E-mail : prasarma@satyam.net.in

EMMAR**B I L L**

Your Order	M/s Modi & Modi Constructions	No. 133 / INV / EMS / MMC
No. A 550	#5-4-187/3&4, II floor,	Date: 03.07.2010
Date: 18.05.2010	MG Road, Secunderabad-500003.	

Our Challan No. 132/DC/EMS Dated : 03.07.2010 Material despatched to _____

Under R.R.No. _____ Dated : _____ Freight to PAY Rs. _____
C.C.No. _____ PAID

Sno.	DESCRIPTION	Unit	Qty.	Unit Rate		Total Amount	
				Rs.	Ps.	Rs.	Ps.
1	Monoblock Pump Capacity: 0.5 HP	No.	1	2700		2700	
2	Centrifugal Pump Capacity: 2 HP	No.	1	17500		17500	
						20200	
						808	
						21008	

Add: VAT Tax @ 4%

Duplicate

Rupees Twenty One Thousand and Eight Only **Total Rs. 21,008.00**

Payment Terms: 100% Payment against delivery.

Documents Through: DIRECT

TIN No. **28640115700**

For EMMAR MARKETING SERVICES

C.S.T No. ABS/10/1/1046/95-96

Valid from 01-06-1983

SUBJECT TO HYDERABAD JURISDICTION

1. Payment when made by Cheque/Demand Draft should be in favour of EMMAR MARKETING SERVICES A/c. PAYEE ONLY.

2. Interest @ 24% will be charged if BILL not paid on due date.

Prabhakara Sarma

(PRABHAKARA SARMA)

EMMAR MARKETING SERVICES

3-6-237, Suit No. 311, 3rd Floor, Lingapur-La-Bulde,
Amrutha Estates, Himayathnagar, HYDERABAD - 500 029.
Phones : Off : 2322 2016, 2322 2631, Fax No. 040-2322 2016.
E-mail : prasarma@satyam.net.in

EMMAR**B I L L**

Your Order	M/s Modi & Modi Constructions	No. 132 / INV / EMS / MMC
No. A 550	#5-4-187/3&4, II floor,	Date: 03.07.2010
Date: 18.05.2010	MG Road, Secunderabad-500003.	

Our Challan No. 132/DC/EMS Dated : 03.07.2010 Material despatched to _____

Under R.R.No. _____ Dated : _____ Freight to PAY Rs. _____
C.C.No. _____ PAID

Sno.	DESCRIPTION	Unit	Qty.	Unit Rate Rs. Ps.	Total Amount Rs. Ps.
1	Supply and Installation of Reverse Osmosis System Model: EMMARO 500 Capacity: 500 Litres / Hour	Set	1	150000	150000
2	Chlorine Dosing System	Set	1	10000	10000
Add: VAT Tax @ 14.5%					160000
					23200
					183200

Rupees One Lakh Eighty Three Thousand and Two Hundred Only

Total Rs.

183,200.00

Payment Terms: 100% Payment against delivery.

Documents
Through:

DIRECT

TIN No. **28640115700**

For EMMAR MARKETING SERVICES

C.S.T No. ABS/10/1/1046/95-96

Valid from 01-06-1983

SUBJECT TO HYDERABAD JURISDICTION

1. Payment when made by Cheque/Demand Draft should be in favour of EMMAR MARKETING SERVICES A/c. PAYEE ONLY.

2. Interest @ 24% will be charged if BILL not paid on due date.

(Signature)
(PRABHAKARA SARMA)

EMMAR MARKETING SERVICES

3-6-237, Suit No. 311, 3rd Floor, Lingapur-La-Bulde,
Amrutha Estates, Himayathnagar, HYDERABAD - 500 029.
Phones : Off : 2322 2016, 2322 2631, Fax No. 040-2322 2016.
E-mail : prasarma@satyam.net.in

EMMAR**DELIVERY CHALLAN**

INDENTOR: M/s. Modi & Modi Constructions Nilgiri Homes, Sy.No.143,133-136, Rampally Village. TIN No.				Delivery Challan No. 132 / DC / EMS / MMC Date: 03.07.2010 Indentor's Ref.No. A 550 Date: 18.05.2010			
CONSIGNEE: As Above				Destination:		Our Bill No 132 & 133 Date 03.07.2010	
				Freight to pay/paid :Rs.			
MODE OF DESPATCH:				Name of Transporter:			
INSURANCE:				GC No.		Date:	
				RR No.			
ITEM	DESCRIPTION	QTY	PKGS	RATE		AMOUNT	
				Rs.	Ps.	Rs.	Ps.
	Supply and Installation of Reverse Osmosis System Capacity: 500 Litres / Hour Construction of:						
1	CRI Pump Model:ACM-A24	1	No				
2	Pentair FRP Tank Model:1354	2	Nos				
3	25 NB Top Mount Filter MPV	2	Nos				
4	Dosing Pump Capacity: 6 LPH	2	Nos				
5	20" Blue Housing & Micron Cartridges	1	Set				
6	CRI Make Vertical Multistage High Pressure Pump Model:MVC-2-15	1	No				
7	Pentair Make RO Housing 40-250-1	2	Nos				
8	Membranes Model: ESPA-2-4040	2	Nos				
9	Electrical Control Panel with instrumentation	1	No				
10	Wet Panel	1	No				
11	Flowmeter Model:F1200E	2	Nos				
12	Pressure Controllers	2	Nos				
13	Glycerin Liquid Pressure Guages	2	Nos				
14	TDS Meter	1	No				
15	Drums - 100 Litres	3	Nos				
16	Sand Media	60	Kgs				
17	Carbon Media	25	Kgs				
18	UPVC Pipes and Fittings	1	Lot				
19	MS Fabricated Skid (3nos)	1	Lot				
Total Value of Goods							
Received Materials / LR No.				For EMMAR MARKETING SERVICES			
Signature with Stamp:				CHECKED Quality BY <i>[Signature]</i> Quantity DT 03/07/10 NILIGIRI HOMES			
Date:				<i>[Signature]</i> PARTNER			

TIN No.28640115700

APGST No.ABS/10/1/1053/95-96

CST No.ABS/10/1/1046/95-96

Valid from 01-06-1983

WORK ORDER

WO No. A 550

Original / Office Copy / Purchase Div. Copy

WO Date 18-May-10

From: Modi & Modi Constructions

Quote No 10/564

5-4-187/3&4, II floor, M G Road, Secunderabad, 500003

Quote Date 29-Mar-10

To: Emmar Marketing Services

3-6-237, Suite No: 311, 3rd Floor, Amrutha Estates, Himayath

Contact Person Mr. Prabhakar

Work Order for Supply

of the following:

S No	Item	Oter Spec	Quant.	Rate	Disco- unt %	VAT	Amount in Rs.
1	2664:Equip.-R.O. Plant- in nos		1	150000	0	14.5	171,750
2	2667:Equip.-Chlorine Dosing System- in nos		1	10000	0	14.5	11,450
3	541:Pumps-Monoblock- in nos	0.5HP	1	2700	0	4	2,808
4	2912:Pump-Centrifugal- in nos	2HP	1	17500	0	4	18,200

Terms Conditions:

Total Work Order Value in Rs.

204,208

Specifications / Brand As per above referred quotation, S.No.1 -500 Ltrs per hour capacity, S.No.3&4 "CRI" brand.

Payment Terms 15% advance, 60% on delivery of all materials, balance 25% on commissioning.

Tax All taxes included in above price.

Delivery Date Within 3 weeks of W.O i.e by dtd 3rd, June, 2010

Completion by Within 4 weeks of W.O date 10th June, 2010

Delivery Location Nilgiri Homes

Phone: 9908282828

Sy No:143/133/134/135/136, Rampally Village,

Penalty For Delay Nil

Transport Cost Included in the above price.

Warranty On all equipments 1yr from dtd of commissioning (or) 11/2yr from dtd of last dispatch, as per quote.

Measurement According to actual site conditions.

Security You shall be responsible for your material at our site against theft or damage. Lockable rooms shall be provided on request.

Advance Paid 15% adv paid Rs.25,000/- vide Chq. No. 879277, dtd.18/05/10 drawn on HDFC bank.

Other Terms We reserve the right to reject items not conforming to qty & specs. Refer Annexure for AMC & Consumables. Above W.O. for usage of drinking water.(Req.No.16893)

For Modi & Modi Constructions

Accepted the above Terms and Conditions

For Emmar Marketing Services

Authorised Signatory

Name:

Name:

Date:

chek - Di's thoroughly
later
9/7/10

Comparative Statement of 1000 ltrs & 500 ltrs R.O.Plants

Sl.No	Name of the Supplier	Pump Brand	Capacity	Cost of RO Plant	VAT %	VAT Amount	Total	Transportation	Deliver time	Warranty	Installation	Pkg & Forwdg
1	Emmar Marketing	CRI/Pentair	1000 ltrs	261000	14.5	37845	298845	included	4 - 6 weeks	12 months	included	included
		CRI/Pentair	500 ltrs	180000	14.5	26100	206100	included	4 - 6 weeks	12 months	included	included
2	Ion Exchange/ Unique Enterprises	Kirloskar/ New Generation	1000 ltrs	537000	14.5	77865	614865	actuals	6-8 weeks	1 year	10000	extra
			600 ltrs.	375000	14.5	54375	429375	actuals	6 - 8 weeks	1 year	10000	extra
3	Revolve Engineers	Grundfos/ Kirloskar/ Equivalent/ Pentair	1000 ltrs	283000	14.5	41035	324035	actuals	3 - 4 weeks	1 year	included	2% extra
			500 ltrs	180000	14.5	26100	206100	actuals	2 - 3 weeks	1 year	included	2% extra

8m4 + 5k
5/4/10

file in AMM - RO Plant
wo file.

8m4
19/5/10

Supplier Company	Lubri Pumps Limited
Contact Person	Mr. Babu
Address	G20/21, P.M. Modi Complex, Karbala Maidhan, M.G. Road, Secunderabad.
Phone	040-55493925
Fax	NA
Mobile	NA
Remarks	Suppliers of Monoblocks, Mud Pumps, Submersible Pumpsets, Centrifugal Monoblock Pumpsets.

CP1
 66310143 - Patel Pri Kanti
 0.5 HP R. ~~2,550/-~~ 2,550/- Incl. Tax.
 (Heavy Duty 2-11 (1.5 HP) - Rs. 17,500/- Incl. Tax.
 17/5/10

Srikanti.

500kVA Rs. 4.35 lac → 5.30
 5.05 - under. billing - 5.20
 3.50 to 4.00 Billing
 Bd. can.
 315 - R. 4.25 Freezer - 4.10 lac
 N. 4.00 u/B.
 3.00 Bill.
 Bd. can.

TEST CERTIFICATE

Job No: 2730

Ref No: CL/W/125-008/10

Date: 15.05.2010

Name of the Client : M/s. Nilagiri Homes.
C/o. Emmar Marketing Services.
Himayathnagar. Hyderabad.

Name of the Sample : BORE WATER

Sample Collected on : 12.05.2010

TEST RESULTS

S.No	TEST PARAMETERS	UNITS	RESULTS	Desirable Potable Limits (As per IS: 10500)
1.	pH		7.16	6.50 – 8.50
2.	Color	Hazen	Colorless	< 5
3.	E.C	Micro-ohms	1928	-
4.	Turbidity	NTU	2.10	< 5.0
5.	Total Dissolved Solids (TDS)	mg/L	1168	< 500
6.	Total Hardness as CaCO ₃	mg/L	480	< 300
7.	Non Carbonate Hardness as CaCO ₃	mg/L	20	-
8.	Calcium as Ca	mg/L	112.0	< 75
9.	Magnesium as Mg	mg/L	48.0	< 30
10.	Alkalinity to Phenolphthalein as CaCO ₃	mg/L	Nil	-
11.	Alkalinity to Methyl orange as CaCO ₃	mg/L	460	< 200
12.	Chlorides as Cl	mg/L	284.0	< 250
13.	Sodium as Na	mg/L	110.4	-
14.	Potassium as K	mg/L	1.56	-
15.	Sulphates as SO ₄	mg/L	98.88	< 200
16.	Nitrates as NO ₃	mg/L	1.23	< 45
17.	Silica as SiO ₂	mg/L	21.20	-
18.	Iron as Fe	mg/L	0.075	< 0.3
19.	Fluoride as F	mg/L	2.2	< 1.0

Note: 1. S.No 5, 6, 8, 9 11, 12 & 19 are exceeding the limits, hence not potable for drinking.

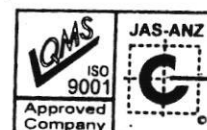
2. This certificate relates only to the sample tested.

3. Sample not drawn by us.

Chief Chemist

Authorised Signatory

Small Scale Industries Certified Laboratory
www.carelabs.net



TESTING SERVICES

Water, Food Materials, Oils, Cakes, Rice Bran, Poultry & Animal Feed,
Soil, Chemicals, Metals, Ores, Industrial effluents & Environmental Consultancy

99 m/m
 75 m/m
 x und
 x smt-ind

2.600 - 705 -
 Nagerau

rel. date:
 4-5 weeks

Tues. May 11, 2010

Mod. & Mod. Constructions

Milgin. Hines

500 lbs/m hr.

Clubhouse - near overhead tank - on top of
 25 m/m
 + 14.5 %

1) R.O. plant -

2) Mono block pump (41' - low feeder - 1/2 HP. (to 2500) 3500 + 4 %
 18,000 + 4 %
 18,200 + 4 %
 18,200 + 4 %
 (to 10,000) diff. 10,000 + 14.5 %

3) Centrifugal pump (41' -

4) Chlorine Dosing system -

Items 2 & 3 -
 lbs 21,500 + 4 %
 22,360 lb

11,450
 1.70,000 + 4 %

ANNEXURE – IIA

SCOPE OF SUPPLY

B. CAPACITY : 500 Ltrs/Hr.

Sr.No.	EQUIPMENT DETAILS	QUANTITY
A.	PRETREATMENT SECTION	
1.	Raw Water Feed Pump, 1600 ltrs/hr flow rate, 2.5 Kg/sq.cm pressure, 0.5 HP, CRI make Monoblock type pump.	1 no.
2.	Pressure Sand Filter in PENTAIR WATER make FRP Tank model 1354 with Top mounting type Single lever operated 25 NB Multiport valve, duly filled with initial charge of filter media of graded sand and pebbles.	1 no.
3.	Activated Carbon Filter in PENTAIR WATER make FRP Tank model 1354 with Top mounting type Single lever operated 25NB Multiport valve, duly filled with initial charge of filter media of activated carbon granules	1 no.
4.	Antiscalant Dosing System consisting of electronic diaphragm type dosing pump with suction and discharge tubes, Liquid Antiscalant holding tank in PP/HDPE, Injector Nozzles etc.. Aster Technologies /equivalent make	1 no.
5.	Inter connecting piping with necessary valves and fittings in UPVC construction	1 lot
B.	R.O. SECTION	
1.	Micron Cartridge Filter, 20" long housing with 5 micron PP filter cartridge, Flow rate : 1600Ltrs/hr	1 no.
2.	CRI make High Pressure Pump, Vertical Multistage type centrifugal Pump, 1600 ltrs/hr flow rate, 1.1 KW, SINGLE PHASE, in SS construction	1 no.
3.	PENTAIR WATER make FRP Pressure Housings for R.O. Membranes, each suitable for two 4" x 40" R.O. Membranes, 250 psi pressure rating, end port type. Model: 40-250-1	2 nos.
4.	HYDRANAUTICS/equivalent make R.O. Membranes, Reverse Osmosis Membranes Model ESPA2-4040	2 nos.
5.	Electrical Control Panel & Instrumentation(WET) panel having the following instruments. 1. Pressure gauges : 2 nos. 2. Flow meters(Rotameters) : 2 nos. 3. Conductivity Indicators : 1 no. 4. Low & High Pressure switches : 1 set.	1 no.
6.	MS fabricated Skid for mounting all the above	1 no.
7.	Inter-connecting piping with necessary valves and fittings in UPVC and SS construction	1 lot
8.	Blending line for mixing ACF water with RO product water with MCF and 100 LPH UV purifier.	1 set

acr. carbon filter

sm

29/7/11 - G.M.G. same specs!

approx 1.5

ANNEXURE - III

SCHEDULE OF EXCLUSIONS & TERMINATION POINTS

1. SCHEDULE OF EXCLUSIONS

- A. All Civil works, such as plant building/shed, foundation of equipment and nut-bolts, supporting structures, platforms, tanks and concreting of pressure vessels.
- B. Construction of drain sump and drain channels and Neutralizing Pit.
- C. Acid/Alkali proof lining for all the drain trenches and Neutralizing Pit.
- D. Plant area & building illumination. Ventilation and Earthing of all the equipment.
- E. Final grouting of all the equipment.
- F. Power supply up-to R.O. & D.M. Plant pumps and control supply up to instrument and electrical panels.
- G. Supply of power, water during site fabrications and dosing chemicals for trial runs of 14 days.
- H. M.C.C. and power cabling up to battery limits.
- I. Laboratory testing facilities, instruments and reagents.
- J. Feed Water Storage Tanks and Feed Water Pump.
- K. All pipe work and drainage work beyond our termination points.
- L. Indoor & Outdoor illumination.
- M. All equipment, works and services not specifically mentioned as forming part of our scope of supply.
- N. Visiting inspector's charges for Lodging & Boarding and Traveling etc.

CLIENT TO PROVIDE THE FOLLOWING FOR PLANT TRIAL-OPERATION
(FREE OF COST TO US)

- | | | |
|--|---|---|
| 1. Electric power supply | : | 230 Volt single phase, 50 Hz for instrument control supply. |
| | : | 440 V AC 3 phase, 50 Hz and panel. |
| 2. Service Water | : | As per process requirement at flooded suction Construction water. |
| 3. Power for construction and site fabrication | : | As per requirement. |
| 4. Dosing chemicals | : | As required. |
| 5. Labour | : | Skilled/Unskilled labor as & when required. |

TERMINATION POINTS :

- 1. Inlet of Raw Water Feed Pump
- 2. Product Water Outlet of R.O. Skid.
- 3. Reject Water Outlet of R.O. Skid
- 4. All drain outlets of Multiport valves.

ANNEXURE -IV
PRICE BID
AND
COMMERCIAL TERMS & CONDITIONS

PRICE :

- ✓ **A. Rs.2,61,000/-** FOR THE 1000 LTRS/HR CAPACITY PURIFIER DRINKING WATER PLANT BASED ON R.O.AS PER THE SCOPE OF SUPPLY(ANNEXURE-II).
- ✓ **B. Rs.1,80,000/-** FOR THE 500 LTRS/HR CAPACITY PURIFIER DRINKING WATER PLANT BASED ON R.O.AS PER THE SCOPE OF SUPPLY(ANNEXURE-IIA)

TERMS AND CONDITIONS :-

Prices	:	For installing at your site at Hyderabad.
Sales Tax	:	VAT extra @ 12.5%.
Delivery schedule	:	Within 4-6 weeks from the date of receipt of your order with advance.
Delay in completion	:	If the completion of work is delayed beyond the contractual date for reasons beyond our control, we shall be entitled to suitable readjustment in the period of completion by mutual consent and the contract will stand amended to that extent.
Payment terms	:	50% of the order value in advance along with your order 45% of the order value against proforma invoice on proof of readiness of materials for despatch. and balance 5% immediately after commissioning.
Variation/Addition in Scope of Work	:	The scope of supply of equipments is restricted to our Scope mentioned in Annexure-II . However any subsequent additions or Alterations if made by you will be acceptable to us, provided it is convenient to carry out and the prices and delivery periods are revised suitably
Validity	:	Our offer is valid for 30 days only.
ERECTION & COMMISSIONING	:	We shall install the system at your site. Necessary skilled, unskilled workmen with tools and tackles should be provided by you at your cost. For outstation installation to & fro transport charges, boarding and lodging charges for our crew have to be paid by you.

WARRANTY FOR EQUIPMENT :

Our liability in respect of any defect in failure of equipment supplied by us or any loss, injury or damage

date of commissioning of equipment or 18 months from the date of last despatch, whichever is earlier. At the termination of which period, all liability on our part will cease. This warranty is applicable under the following conditions:

- a. Any replacement/repairs required to be made under the provisions of the above warranty will be carried out at our option, either at site or at our works. In the latter case, you will arrange to promptly return the defective parts to us.
- b. After repairs/replacements, the period of warranty for the entire equipment including replaced/repaired parts will limit itself to the un-expired portion of the total warranty period.
- c. Bought out components are warranted by us only to the extent of warranties given to us by our suppliers. Electrical components such as heaters, motors, contactors etc., rubber components and instruments such as pressure gauges, thermometers, etc are however, not covered under this warranty. All consumables such as pH electrodes will not be replaced by us as the life of the same is of around six months.
- d. In respect of the equipment where despatch after readiness is delayed due to specific instructions or lack of instructions from you, the warranty will be limited to 18 months from the date of readiness for despatch of equipment as notified by us.
No repairs or replacements, unless authorised by us in writing, will be carried out by you or any other party on our equipment during the warranty period:

The warranty period does not cover the following:

- a. Normal wear and tear.
- b. Damages/defects arising out of mal-operation of the plant by the purchaser or any of his representatives or successors OR due to accidents.
- c. Replacement of consumables such as RO membranes and Cartridge elements, chemicals etc.

FORCE MAJEURE:

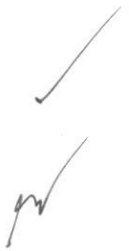
We shall be under no liability for delay in delivery/completion of work, if we or our subcontractors/suppliers are prevented from discharging our respective obligations under the contract for causes beyond our reasonable control, including but not limited to war (whether declared or not), invasion, acts of enemies, hostilities, riots, civil commotion, labour disturbance, strikes, lockouts, layoffs, mutiny, insurrection, rebellion, revolution, epidemics, accidents, sabotage, fire, earthquake, floods, government orders and restrictions, legal enactments, delay or inability to obtain materials due to change in import policy or other statutory restrictions, lack of transport facilities, interruptions/ restrictions in power supply, damage to or breakdown of plant, machinery and equipment etc.

We trust you will find our offer is inline with your requirements and quite competitive. Should you require any further clarifications please do not hesitate to contact us.

Thanking you and looking forward to receive your valued order,
Yours sincerely,

for EMMAR MARKETING SERVICES

PRABHAKARA SARMA





REF : PS/EMS/3./2010

DATE : 30-3-2010

M/s MODI & KADAKIA HOUSING,
5-4-187/3&4, 3rd FLOOR,
M.G.ROAD, SECUNDERABAD-500003.

KIND ATTENTION : SHRI SRINIVASA RAO.

Dear Sir,

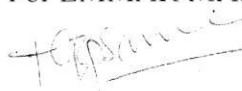
**SUBJECT : YOUR REQUIREMENT OF PURIFIED DRINKING WATER
PLANT BASED REVERSE OSMOSIS TECHNOLOGY.**

This has reference to your telephonic enquiry on the above Subject. We assume that your Raw Water has Total Dissolved Solids(TDS) of 750-1000ppm and Total Hardness of 500ppm(CaCO₃) and Silica of 15ppm as SiO₂. Accordingly we are enclosing our most competitive offer for your kind consideration.

Further we are enclosing here with List of our esteemed Customers to whom we have supplied similar RO Systems for your kind perusal.. We sincerely hope that you will find our revised offer is inline with your requirements and

Thanking you and looking forward to receive your valued order,

Yours sincerely,
For EMMAR MARKETING SERVICES


PRABHAKARA SARMA

EMMAR MARKETING SERVICES

3-6-237, Suite No.311, 3rd Floor, Lingapur-La-Buide,
Amrutha Estates, Himayath Nagar, Hyderabad-500 029.
Phone: Off: 23222016, 23222631, Fax: 040-23222016
E-mail: prasarma@satyam.net.in TIN No.28640115700

ANNEXURE - I**BASIS OF DESIGN
AND
TREATMENT SCHEME****1. RAW WATER QUALITY:**

We have designed the R.O..Plant based on assuming that your Bore-well Water is having Total Dissolved Solids (TDS) of 1000ppm and the Total Hardness is 500 ppm.

The R.O.System is designed to produce treated water at a normal flow rate of 1000 ltrs/hr with an average recovery of 45%. This means that the feed to the R.O.System will be 2250 ltrs/hr.

R.O.FEED WATER LIMITING CONDITIONS :

TURBIDITY	:	< 1 NTU
S.D.I.	:	< 3
HEAVY METALS	:	NIL
IRON	:	< 1 ppm
OIL & GREASE	:	NIL
ORGANICS & BACTERIA	:	NIL
RESIDUAL CHLORINE	:	NIL
TEMPERATURE	:	40 DEG C.

2.PRODUCT WATER QUALITY :The treated Water quality at the product water outlet of the Plant will be

pH	:	6.5 to 7.5
TDS	:	Less than 50ppm

The above product water quality shall be achieved subject to :

- The Raw Water quality is not worse than the design raw water quality.
- Original Spares are used for replacement.
- Specified quality of chemicals are used as antiscalants.

ANNEXURE – II SCOPE OF SUPPLY

EMMAR

A. CAPACITY : 1000 Ltrs/Hr.

Sr.No.	EQUIPMENT DETAILS	QUANTITY
A.	PRETREATMENT SECTION	
1.	Raw Water Feed Pump, 2300 ltrs/hr flow rate, 2.5 Kg/sq.cm pressure, 1.0 HP, CRI make Monoblock type pump.	1 no.
2.	Pressure Sand Filter in PENTAIR WATER make FRP Tank model 1665 with Top mounting type Single lever operated 40 NB Multiport valve, duly filled with initial charge of filter media of graded sand and pebbles.	1 no.
3.	Activated Carbon Filter in PENTAIR WATER make FRP Tank model 1665 with Top mounting type Single lever operated 40NB Multiport valve, duly filled with initial charge of filter media of activated carbon granules	1 no.
4.	Antiscalant Dosing System consisting of electronic diaphragm type dosing pump with suction and discharge tubes, Liquid Antiscalant holding tank in PP/HDPE, Injector Nozzles etc.. Aster Technologies /equivalent make	1 no.
5.	Inter connecting piping with necessary valves and fittings in UPVC construction	1 lot
B.	R.O.SECTION	
1.	Micron Cartridge Filter, 20" long, Big Blue type housing with 5 micron PP filter cartridge, Flow rate :2300Ltrs/hr	1 no.
2.	CRI make High Pressure Pump, Vertical Multistage type centrifugal Pump,2300 ltrs/hr flow rate, 2.2 KW,THREE PHASE, in SS construction	1 no
3.	PENTAIR WATER make FRP Pressure Housings for R.O. Membranes, each suitable for two 4" x 40" R.O. Membranes, 250 psi pressure rating, end port type. Model: 40-250-2	2 nos.
4.	HYDRANAUTICS/equivalent make R.O. Membranes, Reverse Osmosis Membranes Model ESPA2-4040	4 nos.
5.	Electrical Control Panel & Instrumentation(WET) panel having the following instruments. 1. Pressure gauges : 2 nos. 2. Flow meters(Rotameters) : 2 nos. 3. Conductivity Indicators : 1 no. 4. Low & High Pressure switches : 1 set.	1 no.
6.	MS fabricated Skid for mounting all the above	1 no.
7.	Inter-connecting piping with necessary valves and fittings in UPVC and SS construction	1 lot
8.	Blending line for mixing ACF water with RO product water with MCF and 100 LPH UV purifier.	1 set

NOTE : 1. ONLINE CHLORINE DOSING SYSTEM CONSISTING OF E-DOSE DOSING PUMP, 30 LTRS HDPE DRUM FOR HOLDING CHEMICAL WILL BE PROVIDED AT EXTRA COST OF Rs.12000/- EACH.

2. A.M.C WILL BE CARRIED OUT @ Rs.1200/PER MONTH. THERE WILL BE TWO VISITS IN A MONTH FOR INSPECTION AND REPORTING.

ANNEXURE – IIA

SCOPE OF SUPPLY

EMMAR

B. CAPACITY : 500 Ltrs/Hr.

Sr.No.	EQUIPMENT DETAILS	QUANTITY
A.	PRETREATMENT SECTION	
1.	Raw Water Feed Pump, 1600 ltrs/hr flow rate, 2.5 Kg/sq.cm pressure, 0.5 HP, CRI make Monoblock type pump.	1 no.
2.	Pressure Sand Filter in PENTAIR WATER make FRP Tank model 1354 with Top mounting type Single lever operated 25 NB Multiport valve, duly filled with initial charge of filter media of graded sand and pebbles.	1 no.
3.	Activated Carbon Filter in PENTAIR WATER make FRP Tank model 1354 with Top mounting type Single lever operated 25NB Multiport valve, duly filled with initial charge of filter media of activated carbon granules	1 no.
4.	Antiscalant Dosing System consisting of electronic diaphragm type dosing pump with suction and discharge tubes, Liquid Antiscalant holding tank in PP/HDPE, Injector Nozzles etc.. Aster Technologies /equivalent make	1 no.
5.	Inter connecting piping with necessary valves and fittings in UPVC construction	1 lot
B.	R.O.SECTION	
1.	Micron Cartridge Filter, 20" long housing with 5 micron PP filter cartridge, Flow rate :1600Ltrs/hr	1 no.
2.	CRI make High Pressure Pump, Vertical Multistage type centrifugal Pump,1600 ltrs/hr flow rate, 1.1 KW,SINGLE PHASE, in SS construction	1 no
3.	PENTAIR WATER make FRP Pressure Housings for R.O. Membranes, each suitable for two 4" x 40" R.O. Membranes, 250 psi pressure rating, end port type. Model: 40-250-1	2 nos.
4.	HYDRANAUTICS/equivalent make R.O. Membranes, Reverse Osmosis Membranes Model ESPA2-4040	2 nos.
5.	Electrical Control Panel & Instrumentation(WET) panel having the following instruments. 1. Pressure gauges : 2 nos. 2. Flow meters(Rotameters) : 2 nos. 3. Conductivity Indicators : 1 no. 4. Low & High Pressure switches : 1 set.	1 no.
6.	MS fabricated Skid for mounting all the above	1 no.
7.	Inter-connecting piping with necessary valves and fittings in UPVC and SS construction	1 lot
8.	Blending line for mixing ACF water with RO product water with MCF and 100 LPH UV purifier.	1 set

ANNEXURE - III **EMMAR**
SCHEDULE OF EXCLUSIONS &
TERMINATION POINTS

1. SCHEDULE OF EXCLUSIONS

- A. All Civil works, such as plant building/shed, foundation of equipment and nut-bolts, supporting structures, platforms, tanks and concreting of pressure vessels.
- B. Construction of drain sump and drain channels and Neutralizing Pit.
- C. Acid/Alkali proof lining for all the drain trenches and Neutralizing Pit.
- D. Plant area & building illumination. Ventilation and Earthing of all the equipment.
- E. Final grouting of all the equipment.
- F. Power supply up-to R.O. & D.M. Plant pumps and control supply up to instrument and electrical panels.
- G. Supply of power, water during site fabrications and dosing chemicals for trial runs of 14 days.
- H. M.C.C. and power cabling up to battery limits.
- I. Laboratory testing facilities, instruments and reagents.
- J. Feed Water Storage Tanks and Feed Water Pump.
- K. All pipe work and drainage work beyond our termination points.
- L. Indoor & Outdoor illumination.
- M. All equipment, works and services not specifically mentioned as forming part of our scope of supply.
- N. Visiting inspector's charges for Lodging & Boarding and Traveling etc.

CLIENT TO PROVIDE THE FOLLOWING FOR PLANT TRIAL-OPERATION
(FREE OF COST TO US)

- | | | |
|--|---|---|
| 1. Electric power supply | : | 230 Watt single phase, 50 hz for instrument control supply. |
| | : | 440 V AC 3 phase, 50 hz and panel. |
| 2. Service Water | : | As per process requirement at flooded suction Construction water. |
| 3. Power for construction and site fabrication | : | As per requirement. |
| 4. Dosing chemicals | : | As required. |
| 5. Labour | : | Skilled/Unskilled labor as & when required. |

TERMINATION POINTS :

- 1. Inlet of Raw Water Feed Pump
- 2. Product Water Outlet of R.O. Skid.
- 3. Reject Water Outlet of R.O. Skid
- 4. All drain outlets of Multiport valves.

**ANNEXURE -IV
PRICE BID
AND**

EMMAR

COMMERCIAL TERMS & CONDITIONS

PRICE :

- A. Rs.2,61,000/-** FOR THE 1000 LTRS/HR CAPACITY PURIFIER DRINKING WATER PLANT BASED ON R.O.AS PER THE SCOPE OF SUPPLY(ANNEXURE-II).
- B. Rs.1,80,000/-** FOR THE 500 LTRS/HR CAPACITY PURIFIER DRINKING WATER PLANT BASED ON R.O.AS PER THE SCOPE OF SUPPLY(ANNEXURE-IIA)

TERMS AND CONDITIONS :-

Prices	:	For installing at your site at Hyderabad.
Sales Tax	:	VAT extra @12.5%.
Delivery schedule	:	Within 4-6 weeks from the date of receipt of your order with advance.
Delay in completion	:	If the completion of work is delayed beyond the contractual date for reasons beyond our control, we shall be entitled to suitable readjustment in the period of completion by mutual consent and the contract will stand amended to that extent.
Payment terms	:	50% of the order value in advance along with your order 45% of the order value against proforma invoice on proof of readiness of materials for despatch. and balance 5% immediately after commissioning.
Variation/Addition in Scope of Work	:	The scope of supply of equipments is restricted to our Scope mentioned in Annexure-II . However any subsequent additions or Alterations if made by you will be acceptable to us, provided it is convenient to carry out and the prices and delivery periods are revised suitably
Validity	:	Our offer is valid for 30 days only.
ERECTION & COMMISSIONING	:	We shall install the system at your site. Necessary skilled, unskilled workmen with tools and tackles should be provided by you at your cost. For outstation installation to & fro transport charges, boarding and lodging charges for our crew have to be paid by you.

WARRANTY FOR EQUIPMENT :

Our liability in respect of any defect in failure of equipment supplied by us or any loss, injury or damage

date of commissioning of equipment or 18 months from the date of last despatch, whichever is earlier. At the termination of which period, all liability on our part will cease. This warranty is applicable under the following conditions:

- a. Any replacement/repairs required to be made under the provisions of the above warranty will be carried out at our option, either at site or at our works. In the latter case, you will arrange to promptly return the defective parts to us.
- b. After repairs/replacements, the period of warranty for the entire equipment including replaced/repaired parts will limit itself to the un-expired portion of the total warranty period.
- c. Bought out components are warranted by us only to the extent of warranties given to us by our suppliers. Electrical components such as heaters, motors, contactors etc., rubber components and instruments such as pressure gauges, thermometers, etc are however, not covered under this warranty. All consumables such as pH electrodes will not be replaced by us as the life of the same is of around six months.
- d. In respect of the equipment where despatch after readiness is delayed due to specific instructions or lack of instructions from you, the warranty will be limited to 18 months from the date of readiness for despatch of equipment as notified by us.
No repairs or replacements, unless authorised by us in writing, will be carried out by you or any other party on our equipment during the warranty period:

The warranty period does not cover the following:

- a. Normal wear and tear.
- b. Damages/defects arising out of mal-operation of the plant by the purchaser or any of his representatives or successors OR due to accidents.
- c. Replacement of consumables such as RO membranes and Cartridge elements, chemicals etc.

FORCE MAJEURE:

We shall be under no liability for delay in delivery/completion of work, if we or our subcontractors/suppliers are prevented from discharging our respective obligations under the contract for causes beyond our reasonable control, including but not limited to war (whether declared or not), invasion, acts of enemies, hostilities, riots, civil commotion, labour disturbance, strikes, lockouts, layoffs, mutiny, insurrection, rebellion, revolution, epidemics, accidents, sabotage, fire, earthquake, floods, government orders and restrictions, legal enactments, delay or inability to obtain materials due to change in import policy or other statutory restrictions, lack of transport facilities, interruptions/ restrictions in power supply, damage to or breakdown of plant, machinery and equipment etc.

We trust you will find our offer is inline with your requirements and quite competitive. Should you require any further clarifications please do not hesitate to contact us.

Thanking you and looking forward to receive your valued order,
Yours sincerely,

for EMMAR MARKETING SERVICES



PRABHAKARA SARMA

Purchase

From: "prasarma ." <prasarma@sify.com>
To: <purchase@modiproperties.com>
Sent: Monday, March 29, 2010 6:45 PM
Attach: Modi constructions ro1000-1.doc; Modi & Kadakia ro1000-1.doc
Subject: [?? Probable Spam] YOUR REQUIREMENT OF R.O.SYSTEMS FOR YOUR RAMPALLI AND SHAMIRPET PROJECTS. ✓

DEAR SIR,

ENCLOSED PLEASE FIND OUR OFFERS FOR 1KL/HR AND 500LPH/HR R.O.SYSTEMS AS REQUIRED BY YOU. TRUST YOU WILL FIND THEM INLINE WITH YOUR REQUIREMENTS. IN CASE YOU NEED ANY FURTHER CLARIFICATIONS PLEASE DO NOT HESITATE TO CONTACT ME.

WITH BEST REGARDS,

PRABHAKARA SARMA
EMMAR MARKETING SERVICES
HYDERABAD
9849022539

SMY
April 10

30-Mar-10

REF : PS/EMS/3./2010

DATE : 30-3-2010

M/s MODI & MODI CONSTRUCTIONS,
5-4-187/3&4, 3rd FLOOR,
M.G.ROAD, SECUNDERABAD-500003.

KIND ATTENTION : SHRI SRINIVASA RAO.

Dear Sir,

**SUBJECT : YOUR REQUIREMENT OF PURIFIED DRINKING WATER
PLANT BASED REVERSE OSMOSIS TECHNOLOGY.**

This has reference to your telephonic enquiry on the above Subject. We assume that your Raw Water has Total Dissolved Solids(TDS) of 750-1000ppm and Total Hardness of 500ppm(CaCO₃) and Silica of 15ppm as SiO₂. Accordingly we are enclosing our most competitive offer for your kind consideration.

Further we are enclosing here with List of our esteemed Customers to whom we have supplied similar RO Systems for your kind perusal.. We sincerely hope that you will find our revised offer is inline with your requirements and

Thanking you and looking forward to receive your valued order,

Yours sincerely,

For EMMAR MARKETING SERVICES

PRABHAKARA SARMA

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ANNEXURE – II

SCOPE OF SUPPLY

A. CAPACITY : 1000 Ltrs/Hr.

Sr.No.	EQUIPMENT DETAILS	QUANTITY
A.	PRETREATMENT SECTION	
1.	Raw Water Feed Pump, 2300 ltrs/hr flow rate, 2.5 Kg/sq.cm pressure, 1.0 HP, CRI make Monoblock type pump.	1 no.
2.	Pressure Sand Filter in PENTAIR WATER make FRP Tank model 1665 with Top mounting type Single lever operated 40 NB Multiport valve, duly filled with initial charge of filter media of graded sand and pebbles.	1 no.
3.	Activated Carbon Filter in PENTAIR WATER make FRP Tank model 1665 with Top mounting type Single lever operated 40NB Multiport valve, duly filled with initial charge of filter media of activated carbon granules	1 no.
4.	Antiscalant Dosing System consisting of electronic diaphragm type dosing pump with suction and discharge tubes, Liquid Antiscalant holding tank in PP/HDPE, Injector Nozzles etc.. Aster Technologies /equivalent make	1 no.
5.	Inter connecting piping with necessary valves and fittings in UPVC construction	1 lot
B.	R.O.SECTION	
1.	Micron Cartridge Filter, 20" long, Big Blue type housing with 5 micron PP filter cartridge, Flow rate :2300Ltrs/hr	1 no.
2.	CRI make High Pressure Pump, Vertical Multistage type centrifugal Pump,2300 ltrs/hr flow rate, 2.2 KW,THREE PHASE, in SS construction	1 no
3.	PENTAIR WATER make FRP Pressure Housings for R.O. Membranes, each suitable for two 4" x 40" R.O. Membranes, 250 psi pressure rating, end port type. Model: 40-250-2	2 nos.
4.	HYDRANAUTICS/equivalent make R.O. Membranes, Reverse Osmosis Membranes Model ESPA2-4040	4 nos.
5.	Electrical Control Panel & Instrumentation(WET) panel having the following instruments. 1. Pressure gauges : 2 nos. 2. Flow meters(Rotameters) : 2 nos. 3. Conductivity Indicators : 1 no. 4. Low & High Pressure switches : 1 set.	1 no.
6.	MS fabricated Skid for mounting all the above	1 no.
7.	Inter-connecting piping with necessary valves and fittings in UPVC and SS construction	1 lot
8.	Blending line for mixing ACF water with RO product water with MCF and 100 LPH UV purifier.	1 set

NOTE : 1. ONLINE CHLORINE DOSING SYSTEM CONSISTING OF E-DOSE DOSING PUMP, 30 LTRS HDPE DRUM FOR HOLDING CHEMICAL WILL BE PROVIDED AT EXTRA COST OF Rs.12000/- EACH.

2. A.M.C WILL BE CARRIED OUT @ Rs.1200/PER MONTH. THERE WILL BE TWO VISITS IN A MONTH FOR INSPECTION AND REPORTING.



REF : PS/EMS/3./2010
DATE : 30-3-2010

M/s MODI & MODI CONSTRUCTIONS,
5-4-187/3&4, 3rd FLOOR,
M.G.ROAD, SECUNDERABAD-500003.

KIND ATTENTION : SHRI SRINIVASA RAO.

Dear Sir,

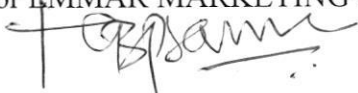
**SUBJECT : YOUR REQUIREMENT OF PURIFIED DRINKING WATER
PLANT BASED REVERSE OSMOSIS TECHNOLOGY.**

This has reference to your telephonic enquiry on the above Subject. We assume that your Raw Water has Total Dissolved Solids(TDS) of 750-1000ppm and Total Hardness of 500ppm(CaCO₃) and Silica of 15ppm as SiO₂. Accordingly we are enclosing our most competitive offer for your kind consideration.

Further we are enclosing here with List of our esteemed Customers to whom we have supplied similar RO Systems for your kind perusal.. We sincerely hope that you will find our revised offer is inline with your requirements and

Thanking you and looking forward to receive your valued order,

Yours sincerely,
For EMMAR MARKETING SERVICES


PRABHAKARA SARMA

pr
2/4/10

P.V.NAIDU - 9848889104
EMMAR MARKETING SERVICES

3-6-237, Suite No. 311, 3rd Floor, Lingapur-La-Bulde,
Amrutha Estates, Himayathnagar, Hyderabad - 500 029.INDIA
Phone : Off. : 23222016, 23222631
Grams : "EMMAR" Fax No.: 040-23222016
E-mail : prasarma@satyam.net.in

ANNEXURE - I

BASIS OF DESIGN AND TREATMENT SCHEME

1. RAW WATER QUALITY:

We have designed the R.O..Plant based on assuming that your Bore-well Water is having Total Dissolved Solids (TDS) of 1000ppm and the Total Hardness is 500 ppm.

The R.O.System is designed to produce treated water at a normal flow rate of 1000 ltrs/hr with an average recovery of 45%. This means that the feed to the R.O.System will be 2250 ltrs/hr.

R.O.FEED WATER LIMITING CONDITIONS :

TURBIDITY	:	< 1 NTU
S.D.I.	:	< 3
HEAVY METALS	:	NIL
IRON	:	< 1 ppm
OIL & GREASE	:	NIL
ORGANICS & BACTERIA	:	NIL
RESIDUAL CHLORINE	:	NIL
TEMPERATURE	:	40 DEG C.

2.PRODUCT WATER QUALITY :The treated Water quality at the product water outlet of the Plant will be

pH	:	6.5 to 7.5
TDS	:	Less than 50ppm

The above product water quality shall be achieved subject to :

- The Raw Water quality is not worse than the design raw water quality.
- Original Spares are used for replacement.
- Specified quality of chemicals are used as antiscalants.



ANNEXURE – II

SCOPE OF SUPPLY

A. CAPACITY : 1000 Ltrs/Hr.

Sr.No.	EQUIPMENT DETAILS	QUANTITY
A.	PRETREATMENT SECTION	
1.	Raw Water Feed Pump, 2300 ltrs/hr flow rate, 2.5 Kg/sq.cm pressure, 1.0 HP, CRI make Monoblock type pump.	1 no.
2.	Pressure Sand Filter in PENTAIR WATER make FRP Tank model 1665 with Top mounting type Single lever operated 40 NB Multiport valve, duly filled with initial charge of filter media of graded sand and pebbles.	1 no.
3.	Activated Carbon Filter in PENTAIR WATER make FRP Tank model 1665 with Top mounting type Single lever operated 40NB Multiport valve, duly filled with initial charge of filter media of activated carbon granules	1 no.
4.	Antiscalant Dosing System consisting of electronic diaphragm type dosing pump with suction and discharge tubes, Liquid Antiscalant holding tank in PP/HDPE, Injector Nozzles etc.. Aster Technologies /equivalent make	1 no.
5.	Inter connecting piping with necessary valves and fittings in UPVC construction	1 lot
B.	R.O.SECTION	
1.	Micron Cartridge Filter, 20" long, Big Blue type housing with 5 micron PP filter cartridge, Flow rate :2300Ltrs/hr	1 no.
2.	CRI make High Pressure Pump, Vertical Multistage type centrifugal Pump, 2300 ltrs/hr flow rate, 2.2 KW, THREE PHASE, in SS construction	1 no
3.	PENTAIR WATER make FRP Pressure Housings for R.O. Membranes, each suitable for two 4" x 40" R.O. Membranes, 250 psi pressure rating, end port type. Model: 40-250-2	2 nos.
4.	HYDRANAUTICS/equivalent make R.O. Membranes, Reverse Osmosis Membranes Model ESPA2-4040	4 nos.
5.	Electrical Control Panel & Instrumentation(WET) panel having the following instruments. 1. Pressure gauges : 2 nos. 2. Flow meters(Rotameters) : 2 nos. 3. Conductivity Indicators : 1 no. 4. Low & High Pressure switches : 1 set.	1 no.
6.	MS fabricated Skid for mounting all the above	1 no.
7.	Inter-connecting piping with necessary valves and fittings in UPVC and SS construction	1 lot
8.	Blending line for mixing ACF water with RO product water with MCF and 100 LPH UV purifier.	1 set

NOTE : 1. ONLINE CHLORINE DOSING SYSTEM CONSISTING OF E-DOSE DOSING PUMP, 30 LTRS HDPE DRUM FOR HOLDING CHEMICAL WILL BE PROVIDED AT EXTRA COST OF Rs.12000/- EACH.

2. A.M.C WILL BE CARRIED OUT @ Rs.1200/PER MONTH. THERE WILL BE TWO VISITS IN A MONTH FOR INSPECTION AND REPORTING. REPLACEMENT OF SPARES AND CONSUMMABLES WILL BE CARRIED OUT AT EXTRA COST.



ANNEXURE – IIA

SCOPE OF SUPPLY

B. CAPACITY : 500 Ltrs/Hr.

Sr.No.	EQUIPMENT DETAILS	QUANTITY
A.	PRETREATMENT SECTION	
1.	Raw Water Feed Pump, 1600 ltrs/hr flow rate, 2.5 Kg/sq.cm pressure, 0.5 HP, CRI make Monoblock type pump.	1 no.
2.	Pressure Sand Filter in PENTAIR WATER make FRP Tank model 1354 with Top mounting type Single lever operated 25 NB Multiport valve, duly filled with initial charge of filter media of graded sand and pebbles.	1 no.
3.	Activated Carbon Filter in PENTAIR WATER make FRP Tank model 1354 with Top mounting type Single lever operated 25NB Multiport valve, duly filled with initial charge of filter media of activated carbon granules	1 no.
4.	Antiscalant Dosing System consisting of electronic diaphragm type dosing pump with suction and discharge tubes, Liquid Antiscalant holding tank in PP/HDPE, Injector Nozzles etc.. Aster Technologies /equivalent make	1 no.
5.	Inter connecting piping with necessary valves and fittings in UPVC construction	1 lot
B.	R.O. SECTION	
1.	Micron Cartridge Filter, 20" long housing with 5 micron PP filter cartridge, Flow rate :1600Ltrs/hr	1 no.
2.	CRI make High Pressure Pump, Vertical Multistage type centrifugal Pump, 1600 ltrs/hr flow rate, 1.1 KW, SINGLE PHASE, in SS construction	1 no
3.	PENTAIR WATER make FRP Pressure Housings for R.O. Membranes, each suitable for two 4" x 40" R.O. Membranes, 250 psi pressure rating, end port type. Model: 40-250-1	2 nos.
4.	HYDRANAUTICS/equivalent make R.O. Membranes, Reverse Osmosis Membranes Model ESPA2-4040	2 nos.
5.	Electrical Control Panel & Instrumentation(WET) panel having the following instruments. 1. Pressure gauges : 2 nos. 2. Flow meters(Rotameters) : 2 nos. 3. Conductivity Indicators : 1 no. 4. Low & High Pressure switches : 1 set.	1 no.
6.	MS fabricated Skid for mounting all the above	1 no.
7.	Inter-connecting piping with necessary valves and fittings in UPVC and SS construction	1 lot
8.	Blending line for mixing ACF water with RO product water with MCF and 100 LPH UV purifier.	1 set

[Handwritten Signature]

ANNEXURE - III

SCHEDULE OF EXCLUSIONS & TERMINATION POINTS

1. SCHEDULE OF EXCLUSIONS

- A. All Civil works, such as plant building/shed, foundation of equipment and nut-bolts, supporting structures, platforms, tanks and concreting of pressure vessels.
- B. Construction of drain sump and drain channels and Neutralizing Pit.
- C. Acid/Alkali proof lining for all the drain trenches and Neutralizing Pit.
- D. Plant area & building illumination. Ventilation and Earthing of all the equipment.
- E. Final grouting of all the equipment.
- F. Power supply up-to R.O.& D.M.Plant pumps and control supply up to instrument and electrical panels.
- G. Supply of power, water during site fabrications and dosing chemicals for trial runs of 14 days.
- H. M.C.C. and power cabling up to battery limits.
- I. Laboratory testing facilities, instruments and reagents.
- J. Feed Water Storage Tanks and Feed Water Pump.
- K. All pipe work and drainage work beyond our termination points.
- L. Indoor & Outdoor illumination.
- M. All equipment, works and services not specifically mentioned as forming part of our scope of supply.
- N. Visiting inspector's charges for Lodging & Boarding and Traveling etc.

CLIENT TO PROVIDE THE FOLLOWING FOR PLANT TRIAL-OPERATION
(FREE OF COST TO US)

- | | | |
|---|---|---|
| 1.Electric power supply | : | 230Walt single phase,50 hz for instrument control supply. |
| | : | 440 V AC 3 phase,50 hz and panel. |
| 2.Service Water | : | As per process requirement at flooded suction Construction water. |
| 3.Power for construction and site fabrication | : | As per requirement. |
| 4.Dosing chemicals | : | As required. |
| 5.Labour | : | Skilled/Unskilled labor as & when required. |

TERMINATION POINTS :

- 1.Inlet of Raw Water Feed Pump
- 2.Product Water Outlet of R.O.Skid.
- 3.Reject Water Outlet of R.O.Skid
- 4.All drain outlets of Multiport valves.



ANNEXURE -IV

PRICE BID

AND

COMMERCIAL TERMS & CONDITIONS

PRICE :

- A. **Rs.2,61,000/-** FOR THE 1000 LTRS/HR CAPACITY PURIFIER DRINKING WATER PLANT BASED ON R.O.AS PER THE SCOPE OF SUPPLY(ANNEXURE-II).
- B. **Rs.1,80,000/-** FOR THE 500 LTRS/HR CAPACITY PURIFIER DRINKING WATER PLANT BASED ON R.O.AS PER THE SCOPE OF SUPPLY(ANNEXURE-IIA)

TERMS AND CONDITIONS :-

Prices	:	For installing at your site at Hyderabad.
Sales Tax	:	VAT extra @12.5%.
Delivery schedule	:	Within 4-6 weeks from the date of receipt of your order with advance.
Delay in completion	:	If the completion of work is delayed beyond the contractual date for reasons beyond our control, we shall be entitled to suitable readjustment in the period of completion by mutual consent and the contract will stand amended to that extent.
Payment terms	:	50% of the order value in advance along with your order 45% of the order value against proforma invoice on proof of readiness of materials for despatch. and balance 5% immediately after commissioning.
Variation/Addition in Scope of Work	:	The scope of supply of equipments is restricted to our Scope mentioned in Annexure-II . However any subsequent additions or Alterations if made by you will be acceptable to us, provided it is convenient to carry out and the prices and delivery periods are revised suitably
Validity	:	Our offer is valid for 30 days only.
ERECTION & COMMISSIONING	:	We shall install the system at your site.
Necessary skilled, unskilled workmen with tools and tackles should be provided by you at your cost. For outstation installation to & fro transport charges, boarding and lodging charges for our crew have to be paid by you.		

WARRANTY FOR EQUIPMENT :

Our liability in respect of any defect in failure of equipment supplied by us or any loss, injury or damage attributable thereto, is limited to making good by replacement or repairs for defects which under proper use appear therein, provided the equipment is operated and maintained in accordance with our instructions and arise totally from proved faulty design, material or workmanship, within a period of 12 months from the



date of commissioning of equipment or 18 months from the date of last despatch, whichever is earlier. At the termination of which period, all liability on our part will cease. This warranty is applicable under the following conditions:

- a. Any replacement/repairs required to be made under the provisions of the above warranty will be carried out at our option, either at site or at our works. In the latter case, you will arrange to promptly return the defective parts to us.
 - b. After repairs/replacements, the period of warranty for the entire equipment including replaced/repaired parts will limit itself to the un-expired portion of the total warranty period.
 - c. Bought out components are warranted by us only to the extent of warranties given to us by our suppliers. Electrical components such as heaters, motors, contactors etc., rubber components and instruments such as pressure gauges, thermometers, etc are however, not covered under this warranty. All consumables such as pH electrodes will not be replaced by us as the life of the same is of around six months.
 - d. In respect of the equipment where despatch after readiness is delayed due to specific instructions or lack of instructions from you, the warranty will be limited to 18 months from the date of readiness for despatch of equipment as notified by us.
- No repairs or replacements, unless authorised by us in writing, will be carried out by you or any other party on our equipment during the warranty period:

The warranty period does not cover the following:

- a. Normal wear and tear.
- b. Damages/defects arising out of mal-operation of the plant by the purchaser or any of his representatives or successors OR due to accidents.
- c. Replacement of consumables such as RO membranes and Cartridge elements, chemicals etc.

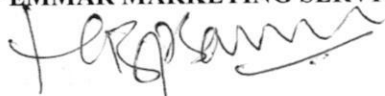
FORCE MAJEURE:

We shall be under no liability for delay in delivery/completion of work, if we or our subcontractors/suppliers are prevented from discharging our respective obligations under the contract for causes beyond our reasonable control, including but not limited to war (whether declared or not), invasion, acts of enemies, hostilities, riots, civil commotion, labour disturbance, strikes, lockouts, layoffs, mutiny, insurrection, rebellion, revolution, epidemics, accidents, sabotage, fire, earthquake, floods, government orders and restrictions, legal enactments, delay or inability to obtain materials due to change in import policy or other statutory restrictions, lack of transport facilities, interruptions/ restrictions in power supply, damage to or breakdown of plant, machinery and equipment etc.

We trust you will find our offer is inline with your requirements and quite competitive. Should you require any further clarifications please do not hesitate to contact us.

Thanking you and looking forward to receive your valued order,
Yours sincerely,

for **EMMAR MARKETING SERVICES**



PRABHAKARA SARMA



REF : PS/EMS/3./2010
DATE : 30-3-2010

M/s MODI & KADAKIA HOUSING,
5-4-187/3&4, 3rd FLOOR,
M.G.ROAD, SECUNDERABAD-500003.

KIND ATTENTION : SHRI SRINIVASA RAO.

Dear Sir,

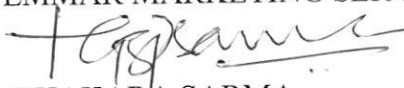
**SUBJECT : YOUR REQUIREMENT OF PURIFIED DRINKING WATER
PLANT BASED REVERSE OSMOSIS TECHNOLOGY.**

This has reference to your telephonic enquiry on the above Subject. We assume that your Raw Water has Total Dissolved Solids(TDS) of 750-1000ppm and Total Hardness of 500ppm(CaCO₃) and Silica of 15ppm as SiO₂. Accordingly we are enclosing our most competitive offer for your kind consideration.

Further we are enclosing here with List of our esteemed Customers to whom we have supplied similar RO Systems for your kind perusal.. We sincerely hope that you will find our revised offer is inline with your requirements and

Thanking you and looking forward to receive your valued order,

Yours sincerely,
For EMMAR MARKETING SERVICES


PRABHAKARA SARMA

P.V. NAIDU - 9848889104
EMMAR MARKETING SERVICES
3-6-237, Suite No. 311, 3rd Floor, Lingapur-La-Builde,
Amrutha Estates, Himayathnagar, Hyderabad - 500 029.INDIA
Phone : Off. : 23222016, 23222631
Grams : "EMMAR" Fax No.: 040-23222016
E-mail : prasarma@satyam.net.in

ANNEXURE - I**BASIS OF DESIGN
AND
TREATMENT SCHEME****1. RAW WATER QUALITY:**

We have designed the R.O. Plant based on assuming that your Bore-well Water is having Total Dissolved Solids (TDS) of 1000ppm and the Total Hardness is 500 ppm.

The R.O. System is designed to produce treated water at a normal flow rate of 1000 ltrs/hr with an average recovery of 45%. This means that the feed to the R.O. System will be 2250 ltrs/hr.

R.O. FEED WATER LIMITING CONDITIONS :

TURBIDITY	:	< 1 NTU
S.D.I.	:	< 3
HEAVY METALS	:	NIL
IRON	:	< 1 ppm
OIL & GREASE	:	NIL
ORGANICS & BACTERIA	:	NIL
RESIDUAL CHLORINE	:	NIL
TEMPERATURE	:	40 DEG C.

2. PRODUCT WATER QUALITY : The treated Water quality at the product water outlet of the Plant will be

pH	:	6.5 to 7.5
TDS	:	Less than 50ppm

The above product water quality shall be achieved subject to :

- The Raw Water quality is not worse than the design raw water quality.
- Original Spares are used for replacement.
- Specified quality of chemicals are used as antiscalants.



ANNEXURE – II SCOPE OF SUPPLY

EMMAR

A. CAPACITY : 1000 Ltrs/Hr.

Sr.No.	EQUIPMENT DETAILS	QUANTITY
A.	PRETREATMENT SECTION	
1.	Raw Water Feed Pump, 2300 ltrs/hr flow rate, 2.5 Kg/sq.cm pressure, 1.0 HP, CRI make Monoblock type pump.	1 no.
2.	Pressure Sand Filter in PENTAIR WATER make FRP Tank model 1665 with Top mounting type Single lever operated 40 NB Multiport valve, duly filled with initial charge of filter media of graded sand and pebbles.	1 no.
3.	Activated Carbon Filter in PENTAIR WATER make FRP Tank model 1665 with Top mounting type Single lever operated 40NB Multiport valve, duly filled with initial charge of filter media of activated carbon granules	1 no.
4.	Antiscalant Dosing System consisting of electronic diaphragm type dosing pump with suction and discharge tubes, Liquid Antiscalant holding tank in PP/HDPE, Injector Nozzles etc.. Aster Technologies /equivalent make	1 no.
5.	Inter connecting piping with necessary valves and fittings in UPVC construction	1 lot
B.	R.O.SECTION	
1.	Micron Cartridge Filter, 20" long, Big Blue type housing with 5 micron PP filter cartridge, Flow rate :2300Ltrs/hr	1 no.
2.	CRI make High Pressure Pump, Vertical Multistage type centrifugal Pump,2300 ltrs/hr flow rate, 2.2 KW,THREE PHASE, in SS construction	1 no
3.	PENTAIR WATER make FRP Pressure Housings for R.O. Membranes, each suitable for two 4" x 40" R.O. Membranes, 250 psi pressure rating, end port type. Model: 40-250-2	2 nos.
4.	HYDRANAUTICS/equivalent make R.O. Membranes, Reverse Osmosis Membranes Model ESPA2-4040	4 nos.
5.	Electrical Control Panel & Instrumentation(WET) panel having the following instruments. 1. Pressure gauges : 2 nos. 2. Flow meters(Rotameters) : 2 nos. 3. Conductivity Indicators : 1 no. 4. Low & High Pressure switches : 1 set.	1 no.
6.	MS fabricated Skid for mounting all the above	1 no.
7.	Inter-connecting piping with necessary valves and fittings in UPVC and SS construction	1 lot
8.	Blending line for mixing ACF water with RO product water with MCF and 100 LPH UV purifier.	1 set

NOTE : 1. ONLINE CHLORINE DOSING SYSTEM CONSISTING OF E-DOSE DOSING PUMP, 30 LTRS HDPE DRUM FOR HOLDING CHEMICAL WILL BE PROVIDED AT EXTRA COST OF Rs.12000/- EACH.
2. A.M.C WILL BE CARRIED OUT @ Rs.1200/PER MONTH. THERE WILL BE TWO VISITS IN A MONTH FOR INSPECTION AND REPORTING. REPLACEMENT OF SPARES AND CONSUMMABLES WILL BE CARRIED OUT AT EXTRA COST.

[Signature]

ANNEXURE – IIA

SCOPE OF SUPPLY

EMMAR

B. CAPACITY : 500 Ltrs/Hr.

Sr.No.	EQUIPMENT DETAILS	QUANTITY
A.	PRETREATMENT SECTION	
1.	Raw Water Feed Pump, 1600 ltrs/hr flow rate, 2.5 Kg/sq.cm pressure, 0.5 HP, CRI make Monoblock type pump.	1 no.
2.	Pressure Sand Filter in PENTAIR WATER make FRP Tank model 1354 with Top mounting type Single lever operated 25 NB Multiport valve, duly filled with initial charge of filter media of graded sand and pebbles.	1 no.
3.	Activated Carbon Filter in PENTAIR WATER make FRP Tank model 1354 with Top mounting type Single lever operated 25NB Multiport valve, duly filled with initial charge of filter media of activated carbon granules	1 no.
4.	Antiscalant Dosing System consisting of electronic diaphragm type dosing pump with suction and discharge tubes, Liquid Antiscalant holding tank in PP/HDPE, Injector Nozzles etc.. Aster Technologies /equivalent make	1 no.
5.	Inter connecting piping with necessary valves and fittings in UPVC construction	1 lot
B.	R.O.SECTION	
1.	Micron Cartridge Filter, 20" long housing with 5 micron PP filter cartridge, Flow rate :1600Ltrs/hr	1 no.
2.	CRI make High Pressure Pump, Vertical Multistage type centrifugal Pump,1600 ltrs/hr flow rate, 1.1 KW,SINGLE PHASE, in SS construction	1 no
3.	PENTAIR WATER make FRP Pressure Housings for R.O. Membranes, each suitable for two 4" x 40" R.O. Membranes, 250 psi pressure rating, end port type. Model: 40-250-1	2 nos.
4.	HYDRANAUTICS/equivalent make R.O. Membranes, Reverse Osmosis Membranes Model ESPA2-4040	2 nos.
5.	Electrical Control Panel & Instrumentation(WET) panel having the following instruments. 1. Pressure gauges : 2 nos. 2. Flow meters(Rotameters) : 2 nos. 3. Conductivity Indicators : 1 no. 4. Low & High Pressure switches : 1 set.	1 no.
6.	MS fabricated Skid for mounting all the above	1 no.
7.	Inter-connecting piping with necessary valves and fittings in UPVC and SS construction	1 lot
8.	Blending line for mixing ACF water with RO product water with MCF and 100 LPH UV purifier.	1 set

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ANNEXURE - III

SCHEDULE OF EXCLUSIONS & TERMINATION POINTS

1. SCHEDULE OF EXCLUSIONS

- A. All Civil works, such as plant building/shed, foundation of equipment and nut-bolts, supporting structures, platforms, tanks and concreting of pressure vessels.
- B. Construction of drain sump and drain channels and Neutralizing Pit.
- C. Acid/Alkali proof lining for all the drain trenches and Neutralizing Pit.
- D. Plant area & building illumination. Ventilation and Earthing of all the equipment.
- E. Final grouting of all the equipment.
- F. Power supply up-to R.O. & D.M. Plant pumps and control supply up to instrument and electrical panels.
- G. Supply of power, water during site fabrications and dosing chemicals for trial runs of 14 days.
- H. M.C.C. and power cabling up to battery limits.
- I. Laboratory testing facilities, instruments and reagents.
- J. Feed Water Storage Tanks and Feed Water Pump.
- K. All pipe work and drainage work beyond our termination points.
- L. Indoor & Outdoor illumination.
- M. All equipment, works and services not specifically mentioned as forming part of our scope of supply.
- N. Visiting inspector's charges for Lodging & Boarding and Traveling etc.

CLIENT TO PROVIDE THE FOLLOWING FOR PLANT TRIAL-OPERATION (FREE OF COST TO US)

- | | | |
|--|---|---|
| 1. Electric power supply | : | 230 Watt single phase, 50 hz for instrument control supply. |
| | : | 440 V AC 3 phase, 50 hz and panel. |
| 2. Service Water | : | As per process requirement at flooded suction Construction water. |
| 3. Power for construction and site fabrication | : | As per requirement. |
| 4. Dosing chemicals | : | As required. |
| 5. Labour | : | Skilled/Unskilled labor as & when required. |

TERMINATION POINTS :

- 1. Inlet of Raw Water Feed Pump
- 2. Product Water Outlet of R.O. Skid.
- 3. Reject Water Outlet of R.O. Skid
- 4. All drain outlets of Multiport valves.



ANNEXURE -IV

PRICE BID

AND

COMMERCIAL TERMS & CONDITIONS

PRICE :

- A. **Rs.2,61,000/-** FOR THE 1000 LTRS/HR CAPACITY PURIFIER DRINKING WATER PLANT BASED ON R.O.AS PER THE SCOPE OF SUPPLY(ANNEXURE-II).
- B. **Rs.1,80,000/-** FOR THE 500 LTRS/HR CAPACITY PURIFIER DRINKING WATER PLANT BASED ON R.O.AS PER THE SCOPE OF SUPPLY(ANNEXURE-IIA)

TERMS AND CONDITIONS :-

Prices	:	For installing at your site at Hyderabad.
Sales Tax	:	VAT extra @12.5%.
Delivery schedule	:	Within 4-6 weeks from the date of receipt of your order with advance.
Delay in completion	:	If the completion of work is delayed beyond the contractual date for reasons beyond our control, we shall be entitled to suitable readjustment in the period of completion by mutual consent and the contract will stand amended to that extent.
Payment terms	:	50% of the order value in advance along with your order 45% of the order value against proforma invoice on proof of readiness of materials for despatch. and balance 5% immediately after commissioning.
Variation/Addition in Scope of Work	:	The scope of supply of equipments is restricted to our Scope mentioned in Annexure-II . However any subsequent additions or Alterations if made by you will be acceptable to us, provided it is convenient to carry out and the prices and delivery periods are revised suitably
Validity	:	Our offer is valid for 30 days only.
ERECTION & COMMISSIONING	:	We shall install the system at your site.
Necessary skilled, unskilled workmen with tools and tackles should be provided by you at your cost. For outstation installation to & fro transport charges, boarding and lodging charges for our crew have to be paid by you.		

WARRANTY FOR EQUIPMENT :

Our liability in respect of any defect in failure of equipment supplied by us or any loss, injury or damage attributable thereto, is limited to making good by replacement or repairs for defects which under proper use appear therein, provided the equipment is operated and maintained in accordance with our instructions and arise totally from proved faulty design, material or workmanship, within a period of 12 months from the



date of commissioning of equipment or 18 months from the date of last despatch, whichever is earlier. At the termination of which period, all liability on our part will cease. This warranty is applicable under the following conditions:

- a. Any replacement/repairs required to be made under the provisions of the above warranty will be carried out at our option, either at site or at our works. In the latter case, you will arrange to promptly return the defective parts to us.
 - b. After repairs/replacements, the period of warranty for the entire equipment including replaced/repaired parts will limit itself to the un-expired portion of the total warranty period.
 - c. Bought out components are warranted by us only to the extent of warranties given to us by our suppliers. Electrical components such as heaters, motors, contactors etc., rubber components and instruments such as pressure gauges, thermometers, etc are however, not covered under this warranty. All consumables such as pH electrodes will not be replaced by us as the life of the same is of around six months.
 - d. In respect of the equipment where despatch after readiness is delayed due to specific instructions or lack of instructions from you, the warranty will be limited to 18 months from the date of readiness for despatch of equipment as notified by us.
- No repairs or replacements, unless authorised by us in writing, will be carried out by you or any other party on our equipment during the warranty period:

The warranty period does not cover the following:

- a. Normal wear and tear.
- b. Damages/defects arising out of mal-operation of the plant by the purchaser or any of his representatives or successors OR due to accidents.
- c. Replacement of consumables such as RO membranes and Cartridge elements, chemicals etc.

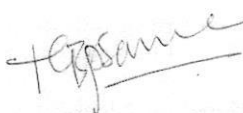
FORCE MAJEURE:

We shall be under no liability for delay in delivery/completion of work, if we or our subcontractors/suppliers are prevented from discharging our respective obligations under the contract for causes beyond our reasonable control, including but not limited to war (whether declared or not), invasion, acts of enemies, hostilities, riots, civil commotion, labour disturbance, strikes, lockouts, layoffs, mutiny, insurrection, rebellion, revolution, epidemics, accidents, sabotage, fire, earthquake, floods, government orders and restrictions, legal enactments, delay or inability to obtain materials due to change in import policy or other statutory restrictions, lack of transport facilities, interruptions/ restrictions in power supply, damage to or breakdown of plant, machinery and equipment etc.

We trust you will find our offer is inline with your requirements and quite competitive. Should you require any further clarifications please do not hesitate to contact us.

Thanking you and looking forward to receive your valued order,
Yours sincerely,

for EMMAR MARKETING SERVICES



PRABHAKARA SARMA