



**APARNA CONSTRUCTIONS AND ESTATES PVT. LTD.**

#802, Astral Heights, D.No: 6-3-352/2 & 3,

Road No 1, Banjara Hills,, Hyderabad - 500034

Ph No : +91-40-23352068/72 Fax : +91-40-23350329



Ref No : ACEPL\_CONSF\113-EXT.SER\500680\ACE\WO\01129\1516\A0 (FRESH)

Date : 10/06/2015

To:

**REVOLVE ENGINEERS PVT LTD,**

Plot No.52, H.No.7 - I - 282/C/1/52/C,

Lamash Nagar, Balkampet,,

Hyderabad.

TIN NUMBER : 36100120859  
PAN NUMBER : AACCR3708B  
SERVICE TAX NUMBER : AACCR3708BST001

**Project : EXTERNAL SERVICES HILL PARK LAKE BREEZE at Aparna Hill Park Lake Breeze, Chnada**

**Subject : Water treatment plant - 540 KLD for Hill park Lake Breeze**

Area Allocated :

WTP

Kind Attention : **MR.BHASKAR Cell No.040 44545100 9848912752**

Dear Sir,

With reference to the above subject, and subsequent discussions we had with you, we are pleased to place the work Order for Water treatment plant - 540 KLD for Hill park Lake Breeze as per the specifications Terms and Conditions.

We are pleased to award this order to you to carry out the above works. The total order amount is Rs. 1585000.00(Rupees Fifteen Lakhs Eighty Five Thousands Only) based on your offer referred above and our discussions.

As per the discussions, you shall execute above works to our fullest satisfaction on the critical project control parameters like quality, time schedule for completion of above works.

All terms & conditions as discussed are valid except for the under noted variations & stipulations.



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 Phone+91-40-23352068/72 Fax :+ 91-40-23350329



### Annexure-1 (BOQ)

Project : 113-EXT.SER - EXTERNAL SERVICES HILL PARK LAKE BREEZE  
 Contractor : S00680 - REVOLVE ENGINEERS PVT LTD  
 Subject : Water treatment plant - 540 KLD for Hill park Lake Breeze  
 Ref. No : ACEPL\_CONSIF113-EXT.SER\S00680\ACEWO\01129\1516\A0 (FRESH)  
 Plumbing & Sanitary Works

S/n	Work Area	Description of Work	UOM	Quantity	Rate	Amount	WBS ID
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#### WTP Works

Supplying, installing, testing and commissioning approved make Raw Water Pressure sand filter with necessary Accessories complete with Frontal piping, valves, suitable supports for mounting pressure gauges, orifice plates. The Filter shall be made of M.S with necessary protective coating. The cost of filter shall also include initial charge of under bed & multi-grade filter media to suit the requirement etc., complete as per standards.

1	WTP	Supplying,Installing,testing and commissioning of Raw Water Pressure Sand Filter with maximum working pressure of 3.0Kg/Sq.cm and maximum flow rate : 30.0 cum/hr at 18 hr cycle, Make:REPL, MOC:MSEP, Size: 1200mmX 1875mm ht, Media : 1945 kgs	Nos	1.00	223000.00	223000.00	F05.01.01
		1.Supply			90.00 %	200700.00	
		2.I,T,C & Handing Over			10.00 %	22300.00	

Supplying, installing, testing and commissioning approved make Water Softener including Brine tank with necessary Accessories complete with Frontal piping, valves, suitable supports for mounting pressure gauges, orifice plates. The Softener shall be made of MS with necessary protective coating. The cost of Softener shall also include initial charge of Resin media to suit the requirement etc., complete as per standards.

2	WTP	Supplying,Installing,testing and commissioning of Water Softener including Brine tank with maximum working pressure of 3.0Kg/Sq.cm and maximum flow rate of 30.0 cum/hr at 18 hr cycle, Make :REPL, MOC: MSEP, Resin Qty : 2945 ltrs, Inlet hardness: 600 ppm, Outlet hardness: <50ppm	Nos	2.00	600000.00	1200000.00	F05.02.01
		1.Supply			90.00 %	1080000.00	
		2.I,T,C & Handing Over			10.00 %	120000.00	

Supplying, installing, testing and commissioning approved make Electronic dosing system for dosing Chlorine into the Treated water with pre-set dosage based on the the quantity of water. The Dosing system shall consist of Electronic dosing pump with positive displacement type with adjustable Stroke length and frequency. The quoted rate shall also include FRP chemical solution tank, necessary electricals etc., complete to make the operation automatic.

3	WTP	Supplying,Installing,testing and commissioning of Electronic Dosing System for dosing chlorine into the treated water. Make : Edose, 0-6 lph	Nos	1.00	11000.00	11000.00	F05.03.01
		1.Supply			90.00 %	9900.00	
		2.I,T,C & Handing Over			10.00 %	1100.00	

Piping between filters and one flow meter at outlet



Ref No : AC L\_CONSIF113-EXT.SERIS00680VACEIWO\01129\1516\A0 (FRESH)

Pumping & Sanitary Works

Sr	Work Area	Description of Work	UOM	Quantity	Rate	Amount	WBS ID
4	WTP	Supplying, installing, testing and commissioning of approved make cast body positive displacement type water meter flange type as per IS 779 with necessary flanges, Y-strainer for fixing on the outlet of WTP line as shown on the drawing etc, Make : Aster, Size: 80 mm 1. Supply 2. I, T, C & Handing Over	NOS	2.00	28000.00	56000.00	F05.04.01
5	WTP	Piping between filters and one flow meter at outlet Interconnecting Piping ( 3" Tata / jindal Make B Class GI Pipe max 12 mtrs and 1 1/2" GI B class pipe for blending line with 1 No 1 1/2" valve and fittings ( Piping from filter outlet to softener outlet) Inlet to the filter and from outlet softener line to be done by you) 1. Supply 2. I, T, C & Handing Over	LS	1.00	40000.00	40000.00	F05.05.01
6	WTP	Brine Solution Tank, Capacity : 3500 Ltrs, MOC: MSFRP, Make : REPL 1. Supply 2. I, T, C & Handing Over	NOS	1.00	55000.00	55000.00	F05.06.01
Grand Total						1585000.00	

Amount in words Rupees Fifteen Lakhs Eighty Five Thousands Only

*Signature*  
15/04/15

*Signature*

20/6

## **ANNEXURE –II**

**THIS ANNEXURE FORMS AN INTERGRAL PART OF SCO - ACE\WO\01129\1516, Dt.on: 0/06/1516.**

### **Scope of work:**

Supply, Installation, testing, commissioning and handover of water treatment plant as per annexure – I enclosed and all unspecified parameters shall be followed as per tender document/site requirement.

The system consists of raw water pressure sand filter, water softener, Electronic chlorine dosing, Flow meters, Brine solution tank along with UPVC Piping etc

In case of any deviations from our BOQ, prior approval shall be taken from our AGM-MEP or VP-Project.

You should ensure that output water hardness < 50ppm, correspondence water test report to be submitted.

Makes of material used in the system shall be confirming to Indian standard, whenever applicable.

All other terms, unmentioned shall be inline with our BOQ & Tender document.

Please Refer **Annexure –III** for details.

### **Taxes:**

The above price is inclusive of all existing taxes, duties, octroi, levies, royalties, fees, insurance premiums, contributions towards employee benefits and funds, site establishments, infrastructure, overheads and all other charges.

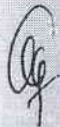
WCT VAT Exemption letter shall be provided by us WCT ST shall be paid extra. All statutory deductions shall be made from your bills as applicable.

### **Schedule:**

6-8 weeks.

### **Warranty:**

12 Months from the date of handing over to us.





**Payment Terms:**

90% after supply of material and submission of running bills,

10% after installation, Testing & commissioning & handing over,

5% retention shall be made from every running bill and shall be released after DLP of 2 years.

**Water & Electricity:**

We shall provide you water & Electricity at one point.

**Insurance & Others:**

You shall provide at your cost insurance coverage for all the workers, labour, workmen's compensation policy and third party liability.

You shall be wholly responsible for full compliance with the provisions under all labour.

You shall not employ any labour less than 18 Years of age on the job.

You will be responsible and liable for payment for all personnel employed by you and statutory liability like PF, ESI Payments under workmen compensation act.

You must provide us proof of compliances of above; in the event of non-compliance of above we shall deduct the same from your bills and pay to the concern statutory authorities.

You shall comply with safety precautions, protective measures, house keeping requirements etc.

You are held responsible for non compliances if any injuries, fatalities and compensation arising out of such incidents.

You shall cooperate with all other agencies at this site to ensure smooth execution of the project.

Note: Before use of any of the above brands for the Project, Prior Written permission shall be taken from Project Head. The Client shall have choice to select any of the above approved brands confirming to Indian standard.

Yours Truly,

**For Aparna Constructions and Estates Private Ltd**

Authorized Signatory

*[Signature]*  
20/5  
20/5  
13/06/15



### Annexure - III

THIS ANNEXURE FORMS AN INTERGRAL PART OF SCO - ACE\WO\01129\1516, Dton: 0/06/1516

S.No	Item Description	Unit	Qty	Unit Rate
	<b>Water Treatment Plant- 540 KLD</b>			
1	Supplying, installing, testing and commissioning approved make Raw Water Pressure sand filter with necessary Accessories complete with Frontal piping, valves, suitable supports for mounting pressure gauges, orifice plates. The Filter shall be made of MS with necessary protective coating. The cost of filter shall also include initial charge of under bed & multi-grade filter media to suit the requirement etc., complete as per standards. (8 lps @30m head filter feed pump considered), Max. working Pressure = 3.0kg/sqcm, Max flow rate = 30.0 cum/hr, at 18. Hr cycle , Make: REPL, MOC: MSEP, Size: 1200mm dia X 1875mm Including frontal piping, valves, Shell 6 mm & Dishend thickness 8mm, Media :1945 kgs	Nos	1	223000
2	Supplying, installing, testing and commissioning approved make Water Softener including Brine tank with necessary Accessories complete with Frontal piping, valves, suitable supports for mounting pressure gauges, orifice plates. The Softener shall be made of MS with necessary protective coating. The cost of Softener shall also include initial charge of Resin media to suit the requirement etc. complete as per standards, Max flow rate = 30.0 cum/hr, at 18. Hr cycle, Make : REPL, MOC: MSEP, Resin Qty: 2945 ltr, Softner Size : 1800mm dia X 1875mm, each softner will give you an output of 270m3 OBR between regeneration based on inlet harness: 600ppm, Outlet Hardness; <50ppm, Shell thickness 6mm & dishend thickness 8mm	Nos	2	600000
3	Supplying, installing, testing and commissioning approved make Electronic dosing system for dosing Chlorine into the Treated water with pre-set dosage based on the the quantity of water. The Dosing system shall consist of Electronic dosing pump with positive displacement type with adjustable Stroke length and frequency. The quoted rate shall also include HDPE chemical solution tank, necessary electricals etc., complete to make the operation automatic. Make : Edose ( 0 - 6 LPH), Tank capacity : 100 ltrs, Tank MOC-HDPE, Make; REPL	Nos	1	11000
4	Supplying, installing, testing and commissioning approved make cast brass body Positive displacement type water meter flange type as per IS779 with necessary flanges, Y-strainer for fixing on the outlet of WTP Line as shown on the drawing etc, complete. c) Flow cum totaliser ( To measure the flow and quantum of water collected through the system), Size : 80 mm dia, Make : Aster	Nos	2	28000
5	Interconnecting Piping ( 3" Tata / jindal Make B Class GI Pipe max 12 mtrs and 11/2" GI B class pipe for blending line with 1 No 11/2" valve and fittings ( Piping from filter outlet to softener outlet) Inlet to the filter and from outlet softener line to be done by you)	Lot	1	40000
6	Brine Solution Tank, Capacity ; 3500 ltrs, Make :REPL, MOC:MSFRP	Nos	1	55000
<b>Grand Total</b>				<b>1585000</b>

13/06/15  
84/13/06/15