

ARMY INSTITUTE OF TECHNOLOGY

Criteria 7.1.4

Sr. No.	Criteria	Details of Proof	Page Numbers
1	7.1.4	Rain water harvesting bills	1-5
		Waste Water Recycling Proof- Sewage Treatment Plant (STP) - Work Order, Invoice	6-12

INVOICE

/ CREDIT MEMO

॥ श्री धनवीरुन पार्ष्णीनाथाय नमः ॥ ॥ श्री श्रीनिवास नासाजी नमः ॥

☎ : 26384662/ 26388521

M.: 9822060320, 9028811707

ESTD : 1984



MAHARASHTRA SALES CORPORATION

महाराष्ट्र सेल्स कॉर्पोरेशन

IRON MERCHANT & SUPPLIERS

M. S Angles, Flats, Chennai's, Beams, Pipes, Square & Round Bars, Plates, Tee Angle,
G. I./ PVC Chainlink, Fencing Angles, M. S. / G. I. Weldmesh, Barbed Wire, G. I. Concertina Coil.

212, Bhawani Peth, Near Old Ramoshi Gate, Pune - 411 042. E-mail : rahul_waghresha@yahoo.com

To, Army Institute of Technology
Dighi-Alandi Road, Pune

Invoice No. : 094

Date : 11/6/2020

Challan No. : 1187

Party's GSTIN No. : 27AAECA9497L1ZW

Vehicle No. : MH12 GT 8502

Particulars	H.S.N.	Bdls./pieces	Kg./sq.ft.	Rate	Amount RS.	Ps.
MS I Beam 150x75	7216	24 nes	2400 kg	41.30	99120.00	
Profile Sheet	7210	12 nes	280 kg	55.50	15540.00	
RV/AIT/Store Dated :- 11/06/2020						
NEFT						

I/We hereby certify that my/our registration certificate under the GST Act, 2017 is in force on the date on which the sale of the goods specified in this Tax Invoice is made by me / us and that the transaction of sales covered by this Tax Invoice has been effected by me / us and that the transaction of sales covered by this Tax Invoice has been effected by me / us and it shall be accounted for in the turnover of sales while filling of return and the due tax, if any, payable on the sale has been paid or shall be paid.

Certified that the particulars given above are true and correct and the amount indicated represents the price actually charged and that is on flow of additional consideration directly or indirectly from buyer

GSTIN NO.: 27AABPW9014D1ZQ

PAN NO.: AABPW9014D

Payment within days strictly

Bank Name : Bank of India

Branch : Bhawani Peth, pune

A/c. no. : 050120100005353

IFSC Code : BKID0000501

Total	114660.00
Transport	3300.00
Loading	700.00
Total	118660.00
SGST 9 %	10679.40
CGST 9 %	10679.40
G. Total	140019.00

Received cash Rs. : _____

Cheque No.: _____

Bank : _____

Payment Due On _____

TERMS & Conditions:

- ▶ Our risk & responsibility ceases after goods leave our premises.
- ▶ Goods once sold will not be taken back.
- ▶ Interest at the rate of 24% will be charged if not paid within week, E. & O. E.
- ▶ Subject to Pune Jurisdiction

For MAHARASHTRA SALES CORP.


 PROPRIETOR

SERVICE & COMMITMENT FOR EXCELLENCE.

X INVOICE
H/ CREDIT MEMO

॥ श्री गणेशाय नमः ॥ श्री अस्मिन् माताजी नमः ॥

☎ : 26384662/ 26388521
M.: 9822060320, 9028811707

ESTD : 1984



MAHARASHTRA SALES CORPORATION

महाराष्ट्र सेल्स कॉर्पोरेशन

IRON MERCHANT & SUPPLIERS

M. S Angles, Flats, Channal's, Beams, Pipes, Square & Round Bars, Plates, Tee Angle,
G. I/ PVC Chainlink, Fencing Angles, M. S. / G. I. Weldmesh, Barbed Wire, G. I. Concertina Coil.

212, Bhawani Peth, Near Old Ramoshi Gate, Pune - 411 042. E-mail : rahul_waghresha@yahoo.com

To, Army Institute of Technology
Dighi Alandi Road, Pune

Invoice No. : 116

Date : 27/6/2020

Challan No. : 1197

Vehicle No. : MH12DT1025

Party's GSTIN No. : 27AAECA9497L1ZW

Particulars	H.S.N.	Bdls./pieces	Kg./sq.ft.	Rate	Amount	
					RS.	PS.
I Beam 100x50 Light	7216	40 nos	1270 kg	44	55880.00	
I Beam 100x50 Heavy	7216	40 nos	2035 kg	43	87505.00	
RWH - Rain Water Harvesting	RV/AT/Store					
Dated : <u>27/06/2020</u>						
Total Rs <u>173667/-</u>						

We hereby certify that my/our registration certificate under the GST Act, 2017 is in force on the date on which the sale of the goods specified in this Tax Invoice is made by me / us and that the transaction of sales covered by this Tax Invoice has been effected by me / us and that the transaction of sales covered by this Tax Invoice has been effected by me / us and it shall be accounted for in the turnover of sales while filing of return and the due tax, any, payable on the sale has been paid or shall be paid.

I certify that the particulars given above are true and correct and the amount indicated represents the price actually charged and that is on flow of additional consideration directly or indirectly from buyer

GSTIN NO.: 27AABPW9014D1ZQ

AN NO.: AABPW9014D

Payment within _____ days strictly

Received cash Rs. : _____

Invoice No.: _____

Link : _____

Payment Due On _____

TERMS & Conditions:

- Our risk & responsibility ceases after goods leave our premises.
- Goods once sold will not be taken back.
- Interest at the rate of 24% will be charged if not paid within week. E.A.O.E
- Subject to Pune Jurisdiction

For MAHARASHTRA SALES CORP.

PROPRIETOR

SERVICE & COMMITMENT FOR EXCELLENCE.

Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



TAX INVOICE

PRANITA ENGINEERING & WELDING WORKS

ALL TYPES OF INDUSTRIAL & DOMESTIC FABRICATIONS WORKS

H. NO. 1679, SHEL PIMPALGAON, TAL. KHED, DIST : PUNE, MAHARASHTRA - 411 001, TEL : NO. 9067270248

TO: Army Institute of Technology
Dighi - Pune - 411015

INVOICE NO. :

DATE :

VENDOR CODE

P. O. NO.

P. O. DATE

Sr. No.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT (RS.)
* 1	Rain water Harvest Part-3 Material (20ft x 18ft)				
1)	50 X 50 X 5mm - I-Bim	9	485 kg	40	19,400.00
2)	50 X 50 X 5mm - T	8	200 kg	42.50	8,500.00
3)	35 X 35 X 4mm - Angle	7	105 kg	42.50	4,462.00
4)	25 X 25 X 3mm - Angle	30	190 kg	42.80	8,132.00
5)	Chakra plate - 8 X 4 X 4mm	12	1020 kg	48	51,840.00
6)	Welding rod	8 Bx.	-	130	1040.00
7)	Cutting wheel 4"	18x	-	18	900.00
8)	2 X 12mm plate	4	-	6000	6000.00
9)	Color (Black oil paint)	4 Hl	-	1000	1000.00
10)	Transportation	-	-	1200	1200.00
				TOTAL	1,02,474.00
	GSTIN : 27BGJPA2641F1ZS			TOTAL GST	—
	PAN NO. BGJPA2641F			TOTAL AMOUNT	1,02,474.00

RUPEES IN WORDS.: One lakh two thousand four hundred seventy four rupees only

I/We here by certify that my / our Registration Certificate under the Maharashtra value added tax Act, 2002 is in force on . On which the sale of goods specified this tax invoice is made me/us and the transaction of sale covered by this tax invoice has been effected by me/us and it shall be accounted for in the turnover of sale while filling of return & the due tax, if any payable on the sale has been paid or shall be paid

For : PRANITA ENGINEERING & WELDING WORKS

E. & O. E. Subject of Pune Jurisdiction Receivers Signature

Proprietor

Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015

MAHESH ENTERPRIZES

ALL TYPES INDUSTRIAL & DOMESTIC FABRICATIONS WORK AND MANPOWER PROVIDING

NO 1679, SHEL, PIMPALGAON, TAL KHED, PUNE, MAHARASHTRA -4110501

Tele No - 9067270248

Army Institute of Technology	INVOICE NO : 32
Pune (Mah)	INVOICE DT 25/09/2019
	VENDOR CODE:
	PO NO :
	PO DT :

S.No	Description		Rate	Amount
	RAIN HARVEST	Labour cost @ 35%		
1	Total material purchased for Rs 127576/- The labour cost for @ 35% of Total ccost of material	Total cost for mtr Rs $127576 \times 35\% = 44651/-$	35% of total mtr cost	44651
		SUB TOTAL RS :		44651

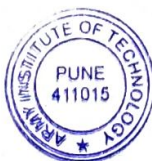
RUPEES IN WORDS : (Rupees forty four thousand six hundred fifty one only)

I/We hereby certify my/our Registration Certificate Under the Maharashtra value added tax act 2002 is in force on the date on. On which the sale og goods specified this tax invoice is made me/us and the tractions of sale covered by the tax invoice has been effected by me/us is shall be accounted for in the turnover of sale while filing of returns & the due tax if any payable on the sale has been paid or shall be paid

E & OE	Subject of Pune Jurisdiction
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FOR MAHESH ENTERPRISES

PROPRIETIR



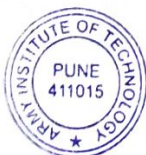
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015

<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> PEW </div> <div> <p style="text-align: center;">TAX INVOICE</p> <p style="text-align: center;">PRANITA ENGINEERING & WELDING WORKS</p> <p style="text-align: center;"><u>ALL TYPES INDUSTRIAL & DOMESTIC FABRICATIONS WORK</u></p> </div> </div>				
<p>H.NO 1679,SHEL,PIMPALGAON, TAL KHED, PUNE, MAHARASHTRA -4110501 Tele No - 9067270248</p>				
<p>Army Institute of Technology Dighi Hills , Pune-411015</p>	<p>Invoice No 126 Invoice dt :10.10.2019</p>			
S.No	DESCRIPTION	Qty	Rate	Amount
	RAIN HARVEST			
1.	MS 100 x 50 IBM 06 Nos	390 kg	48.00	18720.00
2.	50 x 25mm T. Channel	280 kg	48.00	13440.00
3.	Chakara plate 8 x 4 x 4 mm	680 kg	65.00	44200.00
4.	30 x 30 x 8mm Plate No -02	02 Nos	3080.00	6160.00
5.	25 x 3 Angler	140 kg	52.00	7280.00
6.	Welding Rod	04 pkt	230.00	920.00
7.	Cutting Wheel	50 Nos	20.00	1000.00
8.	Transport			1200.00
<p style="text-align: right;">TOTAL RS: (Rupees ninety two thousand nine hundred twenty only)</p>		<p>SUB TOTAL RS : SGST @ 9% CGST @ 9%</p>		<p>92920.00</p>
		<p style="text-align: center;">PRANITA ENGG & WELDING WORKS PROPRIETIR</p>		

प्रणिता इंजिनीयरिंग अँड वेल्डिंग वर्क्स करिता.

Madhu

प्रमाणित



Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015

Tele: 27157534/2103

Army Institute of Technology
Dighi Hills
Pune – 411015

AIT/0810/23/2011-12/Proj

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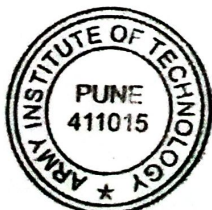
Apr 2013

M/s UV Rich Corporation
10, Horny Bldg, 2nd Floor
172/174, Dr D N Road, Fort
Mumbai - 400 001

WORK ORDER : PROVISION OF SEWAGE TREATMENT PLANT
AT AIT DIGHI,PUNE

1. Please refer to your quotation No 280213/F/01 dt 28 Feb 2013.
2. Your quotation for the above work has been accepted. Please carry out the work as mentioned below :-

Sr No	Description of item
1.	Design, install, test and commissioning of Root Zone (Phytorid) Technology sewage treatment plant of capacity 200 Cum Per Day comprising of the following :- (As per drawing attd as Sketch 'P') - Amount Rs 44,89,160/- (incl of all taxes)
(a)	Process design, architectural, structural design, NEERI approval etc.
(b)	Collection Tank in composite structure of RCC M 25 and brickwork Capacity – 100 cu. m. Size – 6 m L x 6 m W x 2.8 m D
(c)	Phytorid Treatment Cell in composite structure of RCC M 25 and brickwork Capacity – 393 cu. m. Size – 35 m L x 4.5 m W x 2.5 m H
(d)	Treated Water cum Chlorine Contact Tank in composite structure of RCC M 25 and brickwork Capacity – 50 cu. m. Size – 5 m L x 5 m W x 2.0 m D
(e)	Doser Room in brickwork 3 m x 3 m x 3 m height – 9 cu. m
(f)	Sewage Transfer Pumping System Qty – 1 No This will consist of 2 Nos. centrifugal, coupled, non clog type pumps along with common foundation stand, delivery header, control valves in PP material and all piping



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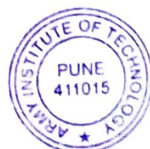


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	<p>in HDPE material from foot valves to phytorid treatment cell, starters and cabling.</p> <p>The pump specifications are –</p> <p>Type - Centrifugal, coupled, non clog type Make - Kirloskar Capacity - 13680 LPH @ 10 Mtrs. TWH H.P. - 1 Suction & Delivery - 40 x 40 mm Works on 415 V, 3 Ph. A.C. Supply.</p> <p>One pump will work normally while other is a standby.</p>
(g)	<p>Automatic Chlorine Dosing System Qty – 1 No.</p> <p>This consists of 2 Nos. of automatic chlorine solution doser units, one for normal working while other as a standby.</p> <p>Each doser unit consisting of a diaphragm type electronic metering pump, Make – Milton Roy, 0.5 HP capacity, working on 230 V, 1 phase, 50 c/s, AC supply, flow rate 01 to 06 liters/hour at an injection pressure of 3.5 Kg/sq.cm, including a solution tank of 150 liters capacity in FRP, 5 mm thick material with base frame, electrically operated motorized agitator of Remi Make, comprising 0.25 HP electric motor, working on 230 V, single phase, 50 c/s, AC supply and with S.S. 304 agitator assembly, necessary connecting piping, cabling, starters etc..</p>
(h)	<p><i>PHYTORID PLANTS, BIO-CULTURE ETC</i></p> <p>Plants installation, acclimatization, growth stabilization and growth of bio culture</p>
(j)	<ol style="list-style-type: none"> 1. Contractor will prepare all necessary architectural drawings and structural designing of all the tanks and doser room. 2. The FFL of doser room will be assumed to be at par with nearest building plinth level. 3. Excavation will be done at least 0.5 m more than the depth at bottom side while it will extend 1 m beyond vertical walls. 4. Ramming of soil to good compaction at floor level. 5. Soling of approx. 150 mm thickness at the bottom with rubble stones. 6. PCC in 1:3:6 ratio of 100 mm thickness for bottom. 7. RCC will be in M 25 grade concrete for walls and raft. The wall will be encased in brickwork on either side. 8. Waterproof plastering on bottom as well as walls. 9. A doser room, for housing the dosing systems, of size 3 m W x 3.0 L x 3 m H will be provided in brick wall construction.
(k)	<p>Testing, commissioning of sewage treatment plant and thereafter operation/ maintenance for six months to the entire satisfaction of AIT, confirming MPCB norms.</p>

[Signature]

[Signature]



[Signature]
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015

3. TERMS AND CONDITIONS

- (a) All above prices are On Supply, Erection & Commissioning basis at Pune and includes all taxes, transport, erection and commissioning etc.
- (b) Time of completion - 12 to 16 weeks.
- (c) Payment - as per schedule given at Appendix 'A'
- (d) 415 V, 3 phase, 50 cycles A.C. supply terminated in a 32 A, D.B. will be provided by this college in the doser room.
- (e) Water will be under the own arrangement of contractor. The electricity will be provided to contractor by meter at the rate of Rs 9.50/unit.
- (f) Any addition / deletion of items of work will be added to or deleted from final costing.
- (h) Free training shall be provided to operating staff of this college regarding operation of STP Plant at the time of commissioning and handing over the STP. The STP will be operated for four months by the contractor after commissioning. 6000 x 4 = 24000
- (j) Performance guarantee - 5 Years in terms of Bank Guarantee for Rs 50,000/-.
- (k) The retention money will be retained till completion of 1 year warranty is as under:-
- | | | | |
|-------|---------------------|---|--------------------|
| (i) | Upto Rs 5 Lakhs | - | 10% |
| (ii) | Rs 5 to Rs 10 Lakhs | - | Rs 50,000/- + 7.5% |
| (iii) | Rs 10 Lakhs onwards | - | Rs 87,500/- + 5% |
- (l) On completion of work, it will be checked by a board of officers detailed by AIT to certify that work has been executed as per specifications mentioned in the work order.
- (m) Any variation in use of material or use of substandard material will be replaced at your own cost.

4. SCOPE OF WORK

1. Diversion of the sewage water from all the four septic tanks, by gravity, into a collection tank Of 100 cu. m. capacity. This tank will be located near the septic tanks and constructed in RCC.

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2. The collection tank will be fitted with 2 Nos. of electric pumps for transferring the sewage for further treatment. One pump will work normally while other will be a standby.

3. Phytoid Treatment Cell will be constructed in RCC and will have partitions for creating zigzag flow pattern of sewage water over the length of Cell. This cell will be equipped with aggregate media in three grades so that proper voids are created for better functioning and growth of plants and bio mass.

Special plants will be grown in different compartments of this Cell, which will digest the impurities in the sewage.

4. The water coming out at the other end of phytoid treatment cell will be collected in an underground storage tank. This tank will be of 50 cu. m. capacity and constructed in RCC.

The treated water in this storage tank will still have certain bacteriological contaminations and it is proposed to install 2 Nos. of automatic chlorine dosers which will dose controlled quantities of calcium hypochlorite solution into the tank and eliminate the pathogenic contaminations.

5. The treated water in the storage tank shall be fit for tertiary use like horticulture, gardening, cleaning etc. in the campus. Thus a "zero discharge" status shall be achieved for the campus.

6. The suitable pumping and distribution of treated water in the campus is not in scope.

5. B/R REQUIREMENTS OF STP

Following construction works are in the scope of work for the proposed STP –

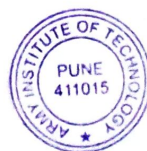
1. Collection Tank


Collection tank will be of 100 cu. m. capacity and of size 6 m L x 6 m W x 2.8 m depth and constructed in composite structure of M 25 grade RCC and brickwork. This will be an open to sky tank and all the sewage from four settling tanks will be collected in this tank by gravity.

2. Phytoid Treatment Cell

This tank will also be constructed in composite structure of M25 grade RCC and brickwork. This tank has a capacity of 393 cu. m and has size of 35 m L x 4.5 m W x 2.5 m Depth. This tank will have RCC wall baffles at intermittent distances along the length for achieving zigzag flow pattern of sewage water. This tank will be filled with mettall aggregates in three grades in order to provide porosity.

This tank will be equipped with various plants.




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Dighi Hillis, Pune - 411015

3. Treated Water cum Chlorine Contact Tank

This tank will be of 50 cu. m. capacity and of size 5 m L x 5 m W x 4 m depth and constructed in composite structure of M 25 grade RCC and brickwork. This will be an open to sky tank and all the sewage from four settling tanks will be collected in this tank by gravity.

4. Doser Room

The contractor shall construct a room of 3 m L x 3 m W x 3 m Height in brickwork with RCC roofing for housing the chlorine dosing system.

6. E/M REQUIREMENT OF STP

Following E/M items are required for this STP plant –

1. Sewage Transfer Pumping System
2. Automatic Chlorine Dosing System

7. PHYTORID PLANTS AND BIO-CULTURE ETC

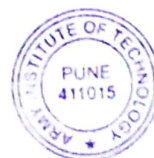
Design of the phytoid technology involves the integration of engineering and ecological principles. Unique feature of this technology is the use of different types of aquatic, flowering and ornamental plant species which thrive on the impurities in sewage and accomplish superior aerobic as well as anaerobic treatment.


Various plant species are popularly used world over for phytoid systems but as per protocol of NEERI, the contractor shall provide following species and their quantities.

The placements of these plants is required in preferential order and as per norms laid down by NEERI and the same will be strictly followed for this STP plant.

The plant species will be stabilized as per NEERI protocol before plantation in the phytoid treatment cell. Single plant root with 3 to 5 stems or shoot shall be considered as one plant.

i) Plants Required		
Sr. No.	Type of Plant	No. of Plants
1	Typha spp.	100
2	Canna spp.	75
3	Scirpus spp.	80
4	Cyperus spp.	80




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Note - Actual quantity may slightly vary depending upon aesthetics and required treatment

ii) Bio-Culture Required

1	Bacterial Consortia	60 Litres (In Two Doses)
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8. PARTICULAR SPECIFICATIONS

Makes of materials.

- | | |
|--------------------|--|
| (a) Cement | - J K cement/Birla / ACC |
| (b) Steel | - Tata steel / SAIL |
| (c) Pump | - KSB/ Kirloskar/ equivalent |
| (d) Valves | - ISI Marked |
| (e) WPC | - Dr fixit/ SCOT No.1/Excot/Acoo Proof |
| (f) Local material | - From approved source. |

For UV-RICH CORPORATION

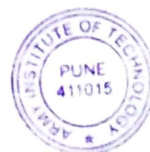
U. G. P. M. S.
Proprietor



(Signature)

(CN Girish)
Col
Joint Director
for Director

(Signature)



(Signature)
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015

TAX INVOICE

Original - Buyer's Copy

TWINCITY SUNLIFE PVT.LTD
2-22, Evergreen Industrial Estate,
Sha. Mill Lane, Mahalaxmi,
Mumbai - 400 011
Maharashtra

Invoice No.
TSPL/TI/080/2013-14

Dated
19-Mar-2014

Delivery Note
TSPL/DC/260/13-14

Mode/Terms of Payment
20% Adv, 80% Before disp. from UK Warehouse
Other Reference(s)

Supplier's Ref.
80

Consignee

Aditya Green Energy Pvt Ltd
C/o, Army Institute of Technology,
Dighi Hills,
Pune-411015
Contact Person: Mr. Dutta
Contact No: 8275454571

Buyer's Order No.

Dated

Despatch Document No.

Dated
19-Mar-2014

Despatched through

Destination

Buyer (if other than consignee)

Aditya Green Energy Pvt Ltd
Shop No- 21/22, Shanu Complex,
Near Telephone Bhavan,
Latur-413 512
Mumbai-16

Terms of Delivery

1.Delivery Terms: Door Delivery-Pune

SI No.	Description of Goods	Quantity	Rate	per	Amount
1	STP 10000TL-10 With Webconnect	1 Nos.	2,96,000.00	Nos.	2,96,000.00
	Insurance		0.30 %		888.00
	Out Put VAT@5%		5 %		14,800.00
	Transport Charges				3,500.00
	Round/off				(-)0.40
	Less :				
	Total	1 Nos.			₹ 3,15,187.60

E. & O.E

Amount Chargeable (in words)

**Indian Rupees Three Lakh Fifteen Thousand One
Hundred Eighty Seven and Sixty paise Only**

Company's VAT TIN : 27430635886V DT. 11/12/07
Company's CST No. : 27430635886C DT. 11/12/07
Company's Service Tax No. : AACCT7018AST001
Company's PAN : AACCT7018A

Declaration

I/We hereby certify that my/our Registration Certificate under the Maharashtra Value Added Tax Act,2002 is in force on the date on which the sale of the goods specified in this Tax Invoice is made by me/us and that transaction of the sale covered by this Tax Invoice has been effected by me/us and it shall be accounted for in the turnover of sales while filling of return and the due tax, if any, payable on the sales has been paid or shall be paid

for TWINCITY SUNLIFE PVT.LTD

Authorised Signatory

This is a Computer Generated Invoice

33/2013-14