



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University / Accredited by NAAC/
Accredited by NBA (ECE, EEE, MECHANICAL- UG Programmes))
Dindigul – Palani Highway, Dindigul – 624 002



NAAC CRITERION- 7

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation Measures

Bills For The Purchase Of Equipments For The Facilities Created

11.SOLAR WATER HEATER

TAX INVOICE - CASH/CREDIT

Goodsun Industries Private Ltd
E-2, Kuttathupatti Village,
Palani Highway, Dindigul - 624 002
TIN No: AACC05387 P
GSTIN: 330422 2502171 & 2502156
MAIL: goodsun@rediffmail.net
Phn: 0451-2448800

Buyer's Details:
Buyer's Name: **S.S.Chennimalai Gounder Charitable Trust**
Buyer's Address: **SSM Institute of Engineering and Technology,
Sindalagundu (Po),
Dindigul-624 002**
Buyer's Phone: **0451-2448800**
Buyer's Email: **ssm@ssm.edu.in**

Invoice No: 147
Delivery Date: 21-Sep-2016
Supplier's Ref: 323, 324
Buyer's Order No: 9442
Dispatch Document No: 9442
Despatched through: [Blank]
Terms of Delivery: [Blank]
Date: 21-Sep-2016
Destination: Dindigul

Description of Goods	Quantity	Rate	per	Amount
1000LPD Goodsun Solar Water Heater Scale Nil Mdl Tank No: Collector No: Note: Read the User Manual Carefully And Install the As Per the Guidelines	1,000 No's	3,04,200.00	No's	3,04,200.00
Out Put Vat 5%			5 %	15,210.00
Total	1,000 No's			₹ 3,19,410.00

Amount Chargeable (in words)
INR Three Lakh Nineteen Thousand Four Hundred Ten Only

Company's VAT TIN: 33661824153
Company's CST No: 292938
Buyer's VAT TIN: Direct sales
Company's PAN: AACC05387 P

Declaration:
We declare that this invoice shows the actual price of the goods described that all particulars are true and correct.
Prepared By: [Blank] Checked By: [Blank]
This is a Computer Generated Invoice

for Goodsun Industries Private Ltd
[Signature]
Authorised Signatory

Fig. 11.1. Solar Water Heater from Goodsun Industries Pvt Ltd, Coimbatore

Dr.D.SENTHIL KUMARAN, M.E., Ph.D. (M.S.)
Principal
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Palani Road, Dindigul - 624 002

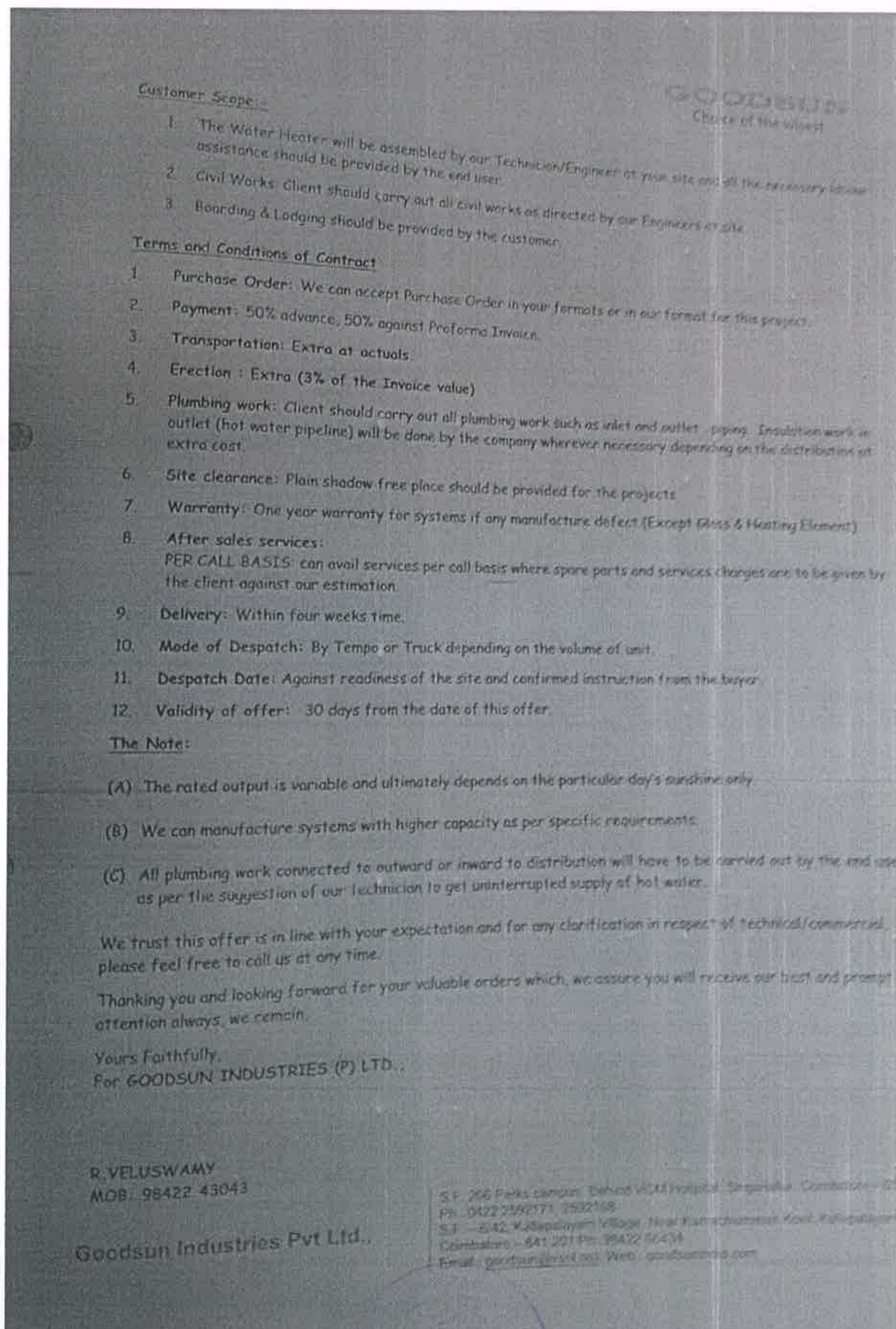


Fig.11.2. Solar Water Heater from Goodsun Industries Pvt Ltd, Coimbatore

COST STUDY

S.NO	COST DETAILS	ELECTRICAL HEATER	SOLAR HEATER
1	Hot Water / Day	1000 Lit / Day	1000 Lit / Day
2	Temperature	70°C	70°C
3	Heater Capacity	25 Lit x 20 Nos	1000 Lit x 1 No
4	Electricity Cost at Rs.5 / Unit * Domestic Rs.7 / Unit- Commercial	23000 units x 5 = 1,15,000/- 23000 units x 7 = 1,61,000/-	Nil
5	Initial Cost	7500 x 20 = 1,50,000/-	2,50,000/-
6	Interest Cost / Year	at 12% / year	at 12% / year
7	Maintenance Cost / Year	500 x 20 = 10,000/-	10000/-
8	Depreciation Cost / Year	10%	10%
9	Inflation Cost / Year	10%	10%
10	Risk Cost / Year	500 x 20 = 10,000/-	Nil
11	Operating Time Cost / Year	500 x 20 = 10,000/-	Nil
12	Total Cost in the 1st year	Rs. 1,45,000/-	Rs 10,000/-
13	Cost in 5th Years	Rs 7,25,000/-	Rs 50,000/-
14	Cost in 10th Years	Rs 14,50,000/-	Rs 1,00,000/-
15	Cost in 15th Years	Rs. 21,75,000/-	Rs 1,50,000/-
16	Cost in 20th Years	Rs.29,00,000/-	Rs 2,00,000/-

Based on Datas mentioned under:-

- a). Number of days used / year - 330
- b). Rise in Temperature - 50°C
- c). Average Power Consumption / day - 7 Units
- d). Electrical geyser efficiency - 80%

e). Capital Cost in for standard stainless steel heaters

f). Capital Cost is for standard stainless steel heaters (304) and DLX HR (316 SS) 1000 LPD
GOODSUN Solar Water Heater.

g). Inflation Cost on Electricity is not included which may push the running cost of the electrical geyser up by 100% over a period of ten years

Goodsun Industries Pvt Ltd.,

S.F. 206 Perks campus, Behind VGM Hospital, Singanailor, Coimbatore - 05.
Ph: 0422 2592171, 2592150
S.F. - 842 Kallapalayam Village, Near Kaimachiamman Koyil, Kallapalayam,
Coimbatore - 641 201 Ph: 98422 66434
Email: goodsun@vsnl.net, Web: goodsunindia.com

[Handwritten Signature]

Fig.11.3.Solar Water Heater from Goodsun Industries Pvt Ltd, Coimbatore



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