



JSS Mahavidyapeetha, Mysore - 04
JSS INSTITUTE OF EDUCATION
 (Recognized by the NCTE and Affiliated to University of Mysore, Mysore)
 Sakleshpur - 573134, PB No 26, Hassan Dist.

Email: jssioebdskp@gmail.com website: <https://jssioebdskp.org.in> Phone No: 97405 91647

ALTERNATE ENERGY



AIRSOURCE WATER HEATER SYSTEM



AIRSOURCE WATER HEATER SYSTEM



AIRSOURCE WATER HEATER SYSTEM



AIRSOURCE WATER HEATER SYSTEM



(Signature)
PRINCIPAL
 J.S.S. Institute of Education
 P.B.26, SAKALESHPUR-573134
 Hassan Dist.



JSS MAHAVIDYAPEETHA
Jagadguru Dr. Sri Shivarathri Rajendra Circle
Mysuru - 570 004

No. END/TEC-III/2221)2 /2023-24 | 28/2/2024

Date :26.02.2024

To

M/s. M.P. Engineers
46/1A, Sonar street,
Chamaraja Mohalla,
Mysuru-570024
Mobile No. 9844076833/9164198811/9448434198

Sir,

Sub : Annual maintenance service contract of 62.5KVA DG Set installed at JSS
Women's hostel PB No.6, Kowdahally, Sakaleshpura Tq.
Ref : 1. T.O.L. No. END/TEC-III/1196/2023-24 dt. 20.09.2023
2. Your agreement No.281/JSSMVP/DED/2023-24 dt. 20.02.2024


As per your agreement, formal work order is issued for having entrusted the work vide letter No. (1) cited above. You are requested to approach the RE(Elect), JSS MVP, Mysuru for further action. The xerox copies of agreement and Schedule 'B' accompany for guidance.


Encl : As above

Yours faithfully,
Sd/-
Director
Engineering Division


Copy to:

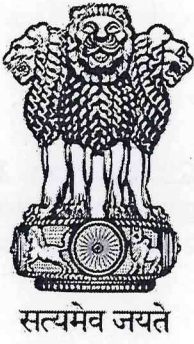
1. The Principal, JSS Educational Institutions, Kowdahally, Sakaleshpura Tq.
2. Copy along with copies of agreement and Schedule 'B' to the Chief Warden, JSS Women's hostel, Kowdahally, Sakaleshpura Tq.
3. Copy along with copies of agreement and Schedule 'B' to the RE(Elect) for necessary action
4. The RE, Div.No.1, JSS MVP, Mysuru


Director
Engineering Division






PRINCIPAL
J.S.S. Institute of Education
P.B. 26, SAKALESHPUR-573 15
Hassan Dist

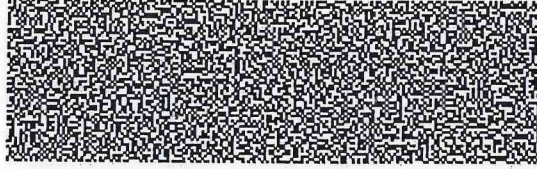
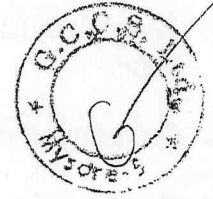


1
INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No. : IN-KA26445324441462V
Certificate Issued Date : 14-Jul-2023 12:02 PM
Account Reference : NONACC (FI)/ kacrsfl08/ MYSORE SOUTH5/ KA-MY
Unique Doc. Reference : SUBIN-KAKACRSFL0829978990299304V
Purchased by : M P ENGINEERS
Description of Document : Article 12 Bond
Description : AGREEMENT
Consideration Price (Rs.) : 0
(Zero)
First Party : M P ENGINEERS
Second Party : J S S MAHA VIDYAPEETHA MYSORE
Stamp Duty Paid By : M P ENGINEERS
Stamp Duty Amount(Rs.) : 20
(Twenty only)



Please write or type below this line

JSS MAHAVIDYAPEETHA : Dr. SRI SHIVARATHRI RAJENDRA CIRCLE:

Approved By this office
Date No. 14.07.2023

MYSURU - 4
AGREEMENT

201/2023/1462V

Name of work : Annual Maintenance Service Contract of 62.5 KVA DG set installed at JSS WOMEN'S
HOSTEL School of Nursing, PB No.26, Kowdahally, Sakaleshpura Taluk

Engine No. : 3272
Amount : ₹5,920.00 + Taxes extra applicable
Time : 01.08.2023 to 31.07.2024
01.08.2024 to 31.07.2025
01.08.2025 to 31.07.2026

For M.P. ENGINEERS

Proprietor

Director
Engineering Division

20/21/2024

...2.

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shoilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.

This agreement of contract made and executed on this 1st August 2023 between JSS Mahavidyapeetha, Ramanuja Road, Mysuru represented by the Director Engineering Division (who is hereinafter called as the JSS MVP, which term shall mean and include its successors in office, Administrators, Assigns, Executors, etc.,).

AND

M/s. M.P. Engineers, # 46/1A, Sonar street, Chamaraja Mohalla, Mysuru-570024, Contractor (which term shall mean and include its heir, legal representative, Administrator, Executor, Assigns etc.,).

The JSS MVP has agreed to entrust the Annual Maintenance Service Contract of 30 KVA DG set installed at JSS School of Nursing PB No.26, Kowdahally, Sakaleshpura Taluk. Jurisdiction to M/s. M.P. Engineers, # 46/1A, Sonar street, Chamaraja Mohalla, Mysuru, for the period from 01.08.2023 to 31.07.2026 and has accepted to take up the same with the following terms and conditions.

The Annual Maintenance Contract cost of the DG Set has been accepted at a total amount of ₹5,920.00 + taxes extra applicable.

TERMS AND CONDITIONS :

1. Change of engine oil, filters and air cleaner element if necessary. Consumables for the same should be borne by you.
2. Tappet adjustment, oil level checking, tightening of all fasteners, belts and pipes will be done.
3. Replacing of packing kit and cleaning of air cleaner etc.,
4. Checking alternator connections, if any minor complaints will be attended, in case of major the same will be carried on chargeable basis in our workshop.
5. The S.D will make 12 visits ie., once in a month. During these visits overhaul will not be included.
6. In case of any emergency minor problems, our Technician will visit the site and solve the same at free of cost.
7. All genuine spares pertaining to DG set, Alternator and AMF panel are made available if required and charges should be borne by you.
8. First quality grade engine oil will be supplied, on carrying periodical services on chargeable basis.
9. Service call will be attended within one/two hour of your complaint given.
10. During these visit both engine and alternator will be checked.

For M.P. ENGINEERS

...3..

Proprietor

Director
Engineering Division

11. After every 250 hrs or 6 months DG set has to be serviced and the consumable for the same will be supplied by us on chargeable basis.
12. Engine complaint related to use of Non-recommended grade / sub standard engine oil will be customers responsibility.
13. Production loss if any due to the breakdown of the engine is not covered in this contract.
14. Factory trained Technicians are made available who work round the clock in peak conditions of your DG set.
15. Also our Technicians will guide you with technical details in case of any queries required.
16. In case of any emergencies you can contact the numbers mentioned Mr. Ananda babu K. Proprietor Mobile No. 9844076833/9164198811/9448434198.
17. The Contract amount for the above is ₹5,920.00 per annum (Five thousand Nine hundred and twenty only).
18. AMC commences from

01.08.2023 to 31.07.2024
01.08.2024 to 31.07.2025
01.08.2025 to 31.07.2026

For M.P. ENGINEERS



Proprietor
CONTRACTOR

*Accepted at the stated address
in accordance with Agreement wherein
are the quoted rates of the
firm*



DIRECTOR
ENGINEERING DIVISION
Director
Engineering Division

20/2/2024

WITNESS


CHIEF WARDEN
JSS WOMEN'S HOSTEL
P.B. No. 26, SAKALESH PURA-573 134
HASSAN DIST.




PRINCIPAL
J.S.S. Institute of Education
P.B. 26, SAKALESH PUR-573 13.
Hassan Dist



JSS MAHAVIDYAPEETHA
Jagadguru Dr. Sri Shivarathri Rajendra Circle

No: END/TEC-IV/2103¹³/2014-15.

Date: 22/01/2015.

5/2

To

M/s Vinayaka Agencies
No.14, Veerashiva Anathala Building
Ramanuja Road, K.R. Mohalla,
Mysore.
M. No. 98450 89990



Sir,

Sub:- Supply/Installation of 4Nos 2000 LPD capacity ASWHS to JSS School hostels
at Kowdahally, Sakaleshpura Tq. Hassan Dist.

Ref:- i) T.O.L. No. END/TEC-IV/14-15/1766, Dt:18-12-14.
ii) Your agreement No.140 Dt:22/1/2015.

As per your agreement, formal work order is issued for having entrusted the work vide
letter No.(1) cited above. You are requested to approach the RE(Ele), Mysore for further action.
The Xerox copies of agreement and Schedule 'B' accompany for guidance.

Encl: As above.

Yours faithfully,
Sd/-
Director,
Engineering Division

Copy to:-

1. The Director, ^{GED} ~~GED~~, JSS MVP, Mysore
2. The I/C Director, ^{MED} ~~MED~~, JSS MVP, Mysore.
3. Copy along with copies of agreement and schedule B to the Principal, JSS
Nursing School Kowdahally, Sakaleshpura Tq, Hassan Dist.
4. Copy along with copies of agreement and schedule B to the RE(Ele), Mysore, for
necessary action.
5. Copy along with copies of agreement and schedule B to the A.0(W), of this
office.

Director

Engineering Division

Forwarded to, The Principal, B.Ed College, Sakaleshpur.

09/02/2015



PRINCIPAL
J.S.S. Institute of Education
P.B. 26, SAKALESHPUR-573 134
Hassan Dist



JSS MAHAVIDYAPEETHA
Jagadguru Dr. Sri Shivarathri Rajendra Circle
Mysore - 570 004

No. END/TEC-IV/2014-15/176613

Date: 17.12.2014
18

BY RPAD



To,
M/s Vinayaka Agencies,
No. 14, Veerashiva Anathala building,
Ramanuja Road, K.R. Mohalla,
Mysore-04.
M.No. 98450 89990

Sir,

Sub:- Supply/installation of 4 Nos 2000 LPD capacity ASWHS
to JSS School hostels at Kowdahally, Sakaleshpura Tq,
Hassan Dist.

Ref:- Your quotation.

We are pleased to inform you that the above work is entrusted to you. You are requested to please contact the Resident Engineer(El), JSS MVP, Mysore, and start the preliminary works at site. The work should be completed in Two months time from the date of this letter. The progress of work will be reckoned from the date of handing over of site.

In the meanwhile you are requested to please enter into an agreement on stamp paper worth ₹. 20.00 within 8 days time from the date of receipt of this letter and furnish programme of work/Bar chart immediately before taking up the work. It may please be noted that the payment will not be made, unless the Agreement is executed. Further you are requested to intimate your permanent Account No. issued by the Department of Income Tax urgently so as to facilitate this office to incorporate the same in the agreement.

In case the Agreement is not executed within 8 days time from the date of receipt of this letter, then the work will be withdrawn and entrusted to other agency which may please be noted.

*Forwarded to, The Principal
B.Ed college
Sakaleshpur
Hassan District*

Yours faithfully,

Sd/-

Director

Engineering Division

Copy to:-

1. The Director, General Education Division, JSS MVP, Mysore.
2. The I/C Director, Medical Education Division, JSS MVP, Mysore.
3. The Principal, JSS Nursing school at Kowdahally, Sakaleshpura Tq, Hassan Dist.
4. The Resident Engineer(El), JSS MVP, Mysore, for necessary action and report. He is requested to report the date of handing over the site to the contractor in the format and submit the same to this office to reckon the progress of works.
5. The A.O.(W), of this office- with an intimation that expenditure for the subject work would be met out of Hostel Account.
6. The Resident Engineer, Div. No.1, JSS MVP, Mysore

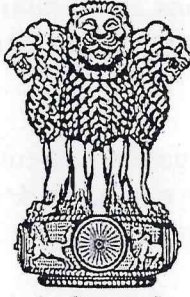


[Signature]
PRINCIPAL

J.S.S. Institute of Education
P.B. 26, SAKALESHPUR-573 134

O/c Approved by DED

[Signature]
Director
Engineering Division

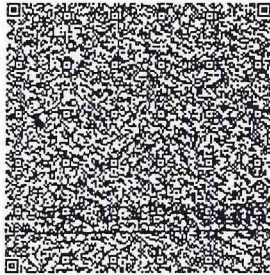
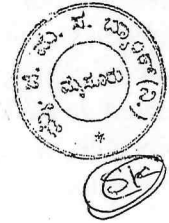


सत्यमेव जयते

INDIA NON JUDICIAL Government of Karnataka

e-Stamp

Certificate No. : IN-KA82349780705535M
 Certificate Issued Date : 22-Dec-2014 02:56 PM
 Account Reference : NONACC (BK)/ kakscub08/ MYSORE SOUTH4/ KA-MY
 Unique Doc. Reference : SUBIN-KAKAKSCUB0816375182003335M
 Purchased by : VINAYAKA AGENCIES MYSORE
 Description of Document : Article 12 Bond
 Description : AGREEMENT
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : VINAYAKA AGENCIES MYSORE
 Second Party : J S S MAHAVIDYAPEETHA MYSORE
 Stamp Duty Paid By : VINAYAKA AGENCIES MYSORE
 Stamp Duty Amount(Rs.) : 20
 (Twenty only)



**APEETHA : Dr. SRI SHIVARATHRI RAJENDRA CIRCLE:
MYSORE - 4**

Please write on the back of this line. NO. 140. JSS MVP: DED: 14-15

Name of work: Supply and installation of Nos 2000 LPD capacity ASWHS to JSS school hostels at Kowdahally, Sakaleshpura Tq, Hassan Dist.

Main Estimated amount: ₹ -

Sub-Estimate amount: ₹ 11,83,930=00

Portion of work entrusted: ₹ 11,83,930=00

Time Limit for completion of work: Two Months

4 dt: 22/11/15

Approved by the
ES vide Para no.

66 of 01N, dt: 11/12/14

Director

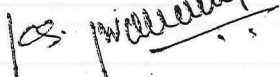
Statutory Alert:

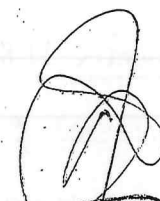
The authenticity of this Stamp Certificate should be verified at "www.shcilestamp.com". Any discrepancy in the details of the Certificate should be reported to the Director, Division

I/We, M/s Vinayaka Agencies, Electricals, Contractor, Mysore, do hereby agree to execute the work mentioned above in accordance with the specifications and conditions in force at JSS MVP in consideration of payment being made for the quantity of work executed at the rates specified in the enclosed Schedule 'B'.

1. The rules and regulation and guidelines as stipulated and invogue regarding execution of work on contract basis have been read by me/us and I/We agree to carryout the work in full conformity to the specifications. Further I/We are responsible for proper observance of the same.
2. Security Deposit at the rate of 5 % in each bill will be recovered as a safeguard against over payment or bad workmanship, which will be refunded after the defect liability period of 12 months from the date of completion of work. During this period, contractor will attend to the rectification of defects if any and also for the maintenance of work requires for the safety of the building/works.
3. Agreed rates for each item will hold good for the entire quantity of work done irrespective of the quantity executed being more or less than the quantities mentioned in Schedule 'B'.
4. The Contractor shall be bound to carry out any additional works in accordance with the instructions issued to him in writing by the DED
5. If additional, substituted or altered work includes any class of work for which no rate is specified in the contract, then such work will be carried out at the rates specified for or derived from similar items of work in the agreement. In the absence of similar items in the agreement, such items of works will be carried out, at the schedule of rate prevailing at the time of signing of agreement. With regard to question whether the additional, substituted or altered item/items/work/works is/are similar or not to that/those in the agreement/in the Schedule of rates, the decision of the DED, JSS MVP shall be final and binding on the contractor
6. For the items of works which are not forthcoming either in the accepted Schedule "B" or Schedule of rates, such works shall be carried out at the data rates as approved by the DED, and which is final and binding on the contractor. For this the rate analysis should be submitted by the contractor through RE for approval.
7. The contractor has to obtain sanction for the power supply from the KPCL/TNEB and clearance from the Electrical inspectorate and service the installation on his own responsibility by observing all formalities at his own cost. The JSS MVP will however pay the official deposits and fee if any to be paid to the KPTCL/TNEB or Government Electrical inspectorate. All other expenses if any will be contractor's account.

Signature of the Contractor




45 Director
Engineering Division

7 (a). If I/We fails to obtain sanction or approval for the power supply from the KPTCL/TNEB and clearance from the electrical inspectorate and other statutory bodies and fails to service the installation within the stipulated period/time I/We have no objection for canceling this contract and entrusting this job to any other agency and get the work done at my/our risk and cost. The expenditure so incurred on such works will be recovered out of my/our bills or from the Security Deposit.

Penalty for Delay:-

In respect of short fall in progress due to delay on the part of the contractor, the contractor shall be liable to pay as penalty an amount equal to 1% of the estimated cost per day for the balance progress of work assessed according to the programme, up to such time that the balance quantity of work is made good by the contractor. The total amount of penalty to be paid shall not exceed 7 ½ % of the estimated cost of the entire work as per tender.

If the contractor makes up the shortfall in the stipulated time or extended time of completion. Granted for the valid reason after approval from JSS Mahavidyapeetha, penalty so recovered may be refunded on receiving written application by the contractor.

Penalty in case of Bad Workmanship:-

Regarding action and penalty in case of Bad work, if the work done by the contractor is found to be executed with unsound, imperfect or unskillful workmanship or with materials of inferior quality and not in accordance with tender specifications, the same should be brought to the notice of the contractor to rectify the same. If he fails to rectify the same within ten days he shall be liable to pay penalty not exceeding 1% on the amount of estimate per day from 11th day till such time the bad work is rectified by him. If the contractor does not rectify the defects within the stipulated time, such bad work will be got done by the other agency at the risk and cost of the contractor.

Accepted the rates as stated Date in Schedule - B which are the negotiated rates of the firm

P.S. Muralidhar
Signature of the contractor & Address
M/s Vinayaka Agencies, No.14, Veerashiva
Anathala building, Ramanuja Road,
K.R. Mohalla, Mysore-04.

The above agreement is hereby accepted by me on behalf of the JSS Mahavidyapeetha, Ramanuja Road, Mysore.

Date



Signature of the Contractor

P.S. Muralidhar

[Signature]
Signature of the officer by whom accepted
Director
Engineering Division

[Signature]
PRINCIPAL
J.S.S. Institute of Education
P.B. 26, SAKALESHPUR-573 13
Hassan Dist

Value Offer For 2000 LPD ×4 (350 STUDENTS) ISS Collage Hostels Kowdalli,
Sakaleshpura

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SL No	Particulars	Unit Price	Qty (Units)	Total
01	Air source heat pump water heater, as per the above specification A) Model: SWBC :13.5 KW Input Power : 3.6 kw Water Quantity : 350 ltrs/hr	2,00,000/- 2,00,000/-	04	8,00,000/-
02	2000 LPD STORAGE TANK Capacity=2000ltrs MS Fabricated with aluminum cladding	75,000/-	04	3,00,000/-
Sub-total				: 11,00,000.00
VAT@ 14.5%				: 1,59,500/-
Total				: 12,59,500/-
Discounted 6%				: 75,570/-
NET Payable				: 11,83,930/-


* After negotiation with Director sir (Engg Division) and other higher officers
6% discounted on total value of systems

Accepted the rates as noted in schedule-1

ks. malleem


Director
Engineering Division




PRINCIPAL
J.S.S. Institute of Education
P.B. 26, SAKALESHPUR-573 134
Hassan Dist

SOLAR WATER HEATERS. SOLAR LIGHTING. AIR SOURCE WATER HEATERS
LED LIGHTING. UPS & INVERTERS. ELECICALWORK & PROJECTS.

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Terms And Conditions

Exclusions

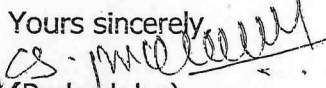
- Cold water inlet supply.
- Outlet water pipe line.
- All pipelines with insulation to your utility.
- Civil work.
- Electrical input cable to our control panel (Control panel located in roof)
- Panel fixing.
- Feed water pump with pipe lines to the heat pump hot water tank.
- Hot water circulation system.
- Return Line from utility Point to Hot water storage Tank.

- **Validity of offer:** Prices quoted are firm and generally valid for 30 days from date of offer. After this prices are subject to reconfirmation.
- **Sales Tax:** Taxes @ 14.5% include
- **Transportation and Lifting :** included
- **Octroi & Works Contract tax:** Extra if applicable during the time of billing & dispatch. At present not applicable.
- **Delivery:** Generally 3 - 4 weeks from the date of receipt of technically and commercially clear order and site clearance whichever is later.
- **Payment terms:** 100 payment within 10^{days} after completion of full work
- **Guarantee:** 3 years for entire system from the date of completion of work.

We assure you the best system in terms of quality and reliability and hope to receive your valued order on us. We await your favorable reply and confirmation of your valued order at the earliest.

Thanking you with regards,


Yours sincerely,


(Prakash.k.s)

Vinayaka agencies

**Authorized Dealer for solar
And Air Source Water Heater**

#14 Anathalaya bulding ,ramanuja road
k.r.mohalla,mysore
Ph-9845089990

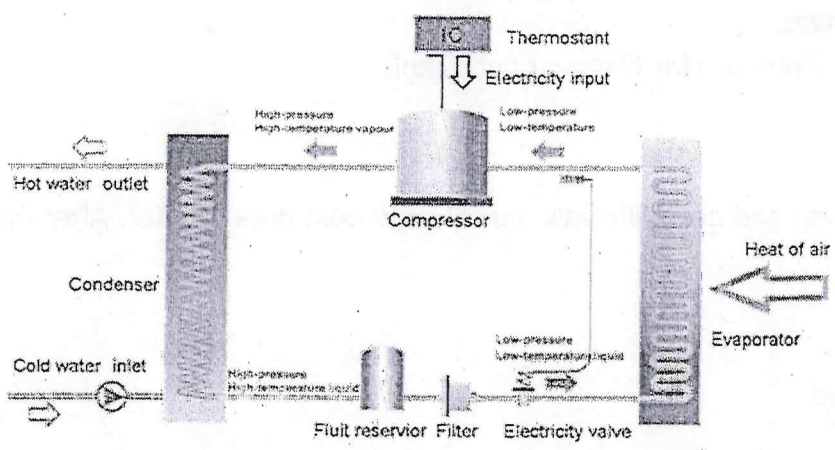

Principal
Engineering Department

**SOLAR WATER HEATERS. SOLAR LIGHTING. AIR SOURCE WATER HEATERS
LED LIGHTING. UPS & INVERTERS. ELECICALWORK & PROJECTS.**

68

Air Source Water heater: - Air source heat pumps have traditionally been used for space conditioning, but are now also being used for water heating. They are usually 3 to 4 times more efficient than electric resistance water heaters--meaning that they can produce the same amount of hot water for one-third the amount of electricity consumed. Stand-alone heat pump water heaters (HPWH), which are described here, are different from heating and cooling heat pump systems that have integrated water-heating capability.

An air source water heater is built on a new power-saving technology, which regard as the fourth-generation water heater. Heat pump water heater makes use of the cycle principle, absorbing outside heat from the air with the processing of compressor and refrigerating fluid, transmitting the heat to produce hot water.



Evaporator Absorb free heat from air, heat transmit to refrigerant here, compressor inhale low temperature and low pressure refrigerant from evaporator, after worked by compressor, refrigerant translate into high temperature and high pressure gas, the gas goes into condenser (heat exchanger), heat exchange with water heater, water absorb the heat and its temperature increase. Low temperature and high pressure refrigerant comes from condenser, after decreased the pressure by electricity valve , refrigerant back to evaporator, and continue the cycle

Stages of Air Source Water Heater:-

Handwritten signature



Handwritten signature

**PRINCIPAL
J.S.S. Institute of Education
P.B. 26, SAKALESHPUR-573 15
Hassan Dist**

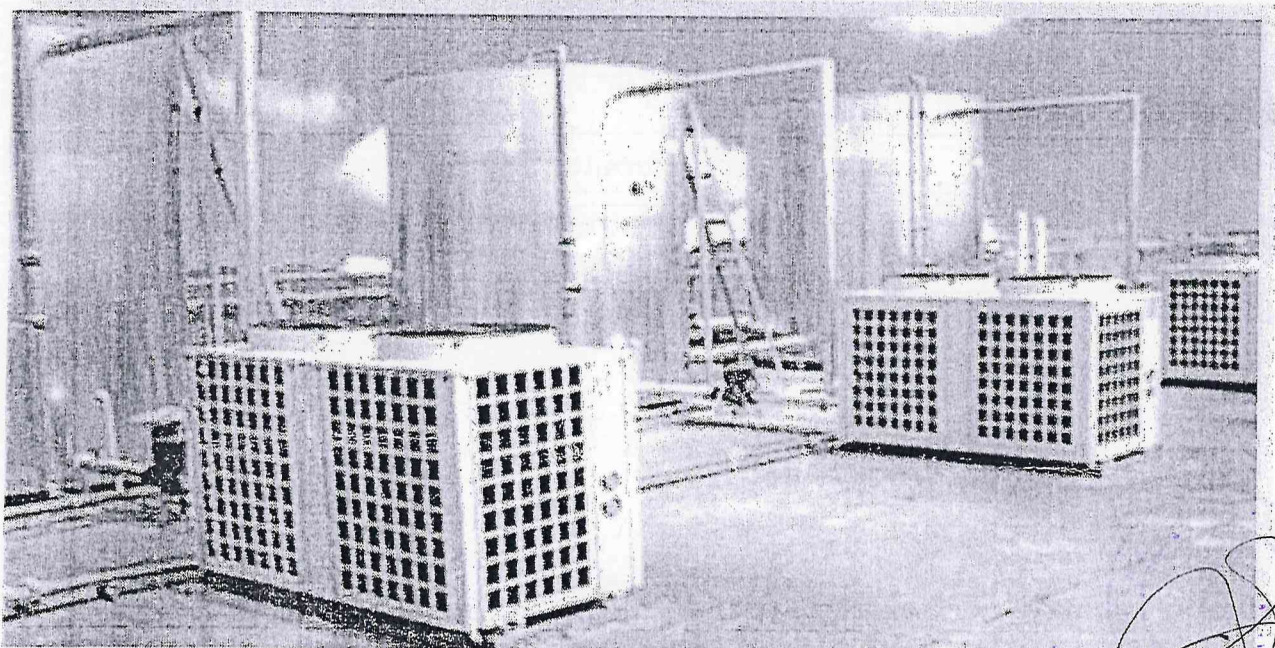
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**Director
Engineering Division**

SOLAR WATER HEATERS. SOLAR LIGHTING. AIR SOURCE WATER HEATERS
LED LIGHTING. UPS & INVERTERS. ELECTRICALWORK & PROJECTS.

WHY A HEAT PUMP IN PREFERENCE TO TRADITIONAL WATER HEATER

HPWH/Traditional water heaters economy comparisons
 Heating 1000 ltrs water from 20° C to 55° C requires 35,000 Kcl

Heater Type	Wood Boiler	Diesel Boiler	Gas Water Heater	Electric Geyser	Electric boosted Solar	HPWH
Energy Source	Wood	Diesel	Gas	Electricity	Solar & Electricity	Electricity & Air
Pollution	Very High	High	Moderate	None	None	None
Life Span	5 Years	8 Years	8 Years	5 Years	8 Years	10 Years
Hazard	Moderate	High	Very high	Moderate	Moderate	None
Fuel Value	2500 kcl/kg	10500 kcl/ltr	12500 kcl/kg	860 kcl /kwh	860 kcl /kwh	860 kcl /kwh
COP Value	0.50	0.85	0.85	0.95	3.0	3.5
Heat Value	1250 kcl/kg	8925 kcl/ltr	10625 kcl/kg	817 kcl/kwh	2580 kcl/kwh	3010 kcl/kwh
Unit Energy cost	Rs.5/kg	Rs.38/ltrs	Rs.57/kg	Rs.6/unit	Rs.6/unit	Rs.6/unit
Energy Consumption	28 kgs	4.1 ltrs	3.3 kgs	43 units	13.6 units	11.6 units
Energy Cost/ton	Rs 140/-	Rs.156/-	Rs.188/-	Rs.258/-	Rs.82/-	Rs.70/-
Annual Energy Cost	Rs.51,100/-	Rs.56,940/-	Rs.68,620/-	Rs.94,170/-	Rs.29,930/-	Rs.25,550/-
Annual labour Cost	Rs.48,000/-	Rs.36,500/-	Rs.36,500/-	nil	Nil	Nil



AS. M... ..

[Signature]
 Director
 Engineering Division

SOLAR WATER HEATERS. SOLAR LIGHTING. AIR SOURCE WATER HEATERS
 LED LIGHTING. UPS & INVERTERS. ELECTRICALWORK & PROJECTS.

Technical Specification of Air Source Water Heater

Rated heating out put	13.5 KW
Input power	3.6 kW
Voltage	220V-1/50HZ
Rated Output Water Temperature	60° C
Max Output Water Temperature	65° C
Rated Output Water Quantity	350 Ltrs /hr (circulating heating unit of water generated Ltrs/ hr)
No. of compressor	One
Water Connection (mm/inch)	1 Inch
Fan Motor Qty	1 No
Fan Motor Input	200 W
Fan Speed	890 RPM
Noise	58 dBA
Net Dimension	660*660*860 mm
Net Weight	118 kgs
Control Mode	Micro computer central Processor
Protection Function	High Pressure, Low Pressure Protection, overload, water switch, Freeze protection



Dr. M. M. M. M.
Dr. M. M. M. M.
PRINCIPAL
J.S.S. Institute of Education
P.B. 26, SAKALESHPUR-573 134
Hassan Dist

[Signature]
Director
Engineering Division