

**PURCHASE ORDER**  
**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

Waknaghat, P.O. Waknaghat, Teh Kandaghat

Distt. Solan H.P -173 234

Tel. : 01792220-2400973-75



<b>P.O. NO</b>	<b>JUIT/PO/WAK/HP/48/66.</b>	<b>Date</b>	<b>01.08.2023</b>
<b>PARTY NAME</b>	<b>M/s.ADRECO ENGINEERING Pvt.Ltd.</b> Plot No.9, Industrial Area Phase-2, CHANDIGARH - 160 002. GST No. : A/F	<b>INDENT REF.</b>	<b>Shri.S.Moondra.</b>
		<b>CONTACT PERSON</b>	<b>Shri.Pankaj Chaudhary</b>
		<b>PHONE</b>	<b>9110680822/9916844503</b>
		<b>Email</b>	<b>pankaj@thestrener.com</b>

Please supply the following material :

S. No.	Description of Material	Unit	Qty	Rate ( Rs. )	Amount (Rs.)
<b>I</b>	Supply,Installation,Testing & Commissioning (SITC) of HEAT Pumps (Make: STRENER),with Allied pumps(Make:GRUNDFOS), panels & accessories : Complete as per Hostelwise BOQ & Completion Schedule :				
<b>A</b>	<b>Phase I : SITC completion by 30.09.2023.</b>				
1	Hostel H -12A : Heat Pumps 70 kw - 2 nos. As per BOQ enclosed as Annexure-I.	LOT	1	23,52,196.00	23,52,196.00
2	Hostel H -12B : Heat Pumps 70 kw - 3 nos.As per BOQ enclosed as Annexure-II.	LOT	1	33,37,516.00	33,37,516.00
3	Hostel H - 15A : Hear Pumps 50 kw. - 3 nos.As per BOQ enclosed as Annexure-III	LOT	1	28,46,239.00	28,46,239.00
4	Hostel H - 15B : Hear Pumps 62 kw. - 2 nos.As per BOQ enclosed as Annexure-IV.	LOT	1	23,27,531.00	23,27,531.00
				<b>Sub-Total:A</b>	<b>1,08,63,482.00</b>
<b>B</b>	<b>Phase II : SITC completion by 31.12.2023.</b>				0.00
5	Hostel H -11 : Heat Pumps 31 kw - 2 nos.As per BOQ enclosed as Annexure-V.	LOT	1	13,65,796.00	13,65,796.00
6	Hostel H -14A : Heat Pumps 50 kw - 3 nos.As per BOQ enclosed as Annexure-VI.	LOT	1	27,92,549.00	27,92,549.00
7	Hostel H -14B : Heat Pumps 70 kw - 2 nos.As per BOQ enclosed as Annexure-VII.	LOT	1	23,01,149.00	23,01,149.00
				<b>Sub-Total:B</b>	<b>64,59,494.00</b>
<b>C</b>	<b>Phase III : SITC completion by 30.04.2024.</b>				0.00
8	Hostel H - 5 : Heat Pumps 31 kw - 2 nos.As per BOQ enclosed as Annexure-VIII.	LOT	1	13,79,254.00	13,79,254.00
9	Hostel H - 6 : Heat Pumps 19 kw - 2 nos.As per BOQ enclosed as Annexure-IX.	LOT	1	11,00,531.00	11,00,531.00
10	Hostel H - 7 : Heat Pumps 29 kw - 2 nos.As per BOQ enclosed as Annexure-X.	LOT	1	11,06,626.00	11,06,626.00
11	Hostel H - 8 : Heat Pumps 23 kw - 2 nos.As per BOQ enclosed as Annexure-XI.	LOT	1	11,50,389.00	11,50,389.00
				<b>Sub-Total:C</b>	<b>47,36,800.00</b>
<b>D</b>	<b>Phase IV : SITC completion by 31.07.2024.</b>				0.00
12	Hostel H - 1 : Heat Pumps 37 kw - 2 nos.As per BOQ enclosed as Annexure-XII.	LOT	1	13,75,078.00	13,75,078.00
13	Hostel H - 2 : Heat Pumps 37 kw - 2 nos.As per BOQ enclosed as Annexure-XIII.	LOT	1	13,75,078.00	13,75,078.00
14	Hostel H - 3 : Heat Pumps 20 kw - 2 nos.As per BOQ enclosed as Annexure-XIV.	LOT	1	11,00,531.00	11,00,531.00
15	Hostel H - 9 &10 : Heat Pumps 18.5 kw - 2 nos.As per BOQ enclosed as Annexure-XV.	LOT	1	11,89,537.00	11,89,537.00
				<b>Sub-Total:D</b>	<b>50,40,224.00</b>
	<b>PLEASE NOTE &amp; COMPLY :</b> 1.This PO will be governed by our "General Terms & Conditions For Supply of Capital Equipments from Indian Sources". until & unless as specified in the PO.				0.00

*[Signature]*  
01/08/23

*[Signature]*  
Pg (1/2)

*[Signature]*



**PURCHASE ORDER**  
**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
Waknaghat, P.O. Waknaghat, Teh Kandaghat  
Distt. Solan H.P -173 234  
Tel. : 01792220-2400973-75



P.O. NO	JUIT/PO/WAK/HP/48/66.	Date	01.08.2023
PARTY NAME	M/s.ADRECO ENGINEERING Pvt.Ltd. Plot No.9, Industrial Area Phase-2, CHANDIGARH - 160 002. GST No. : A/F	INDENT REF.	Shri.S.Moondra.
		CONTACT PERSON	Shri.Pankaj Chaudhary
		PHONE	9110680822/9916844503
		Email	pankaj@thestrener.com

Please supply the following material :

S. No.	Description of Material	Unit	Qty	Rate ( Rs. )	Amount (Rs.)
	enclosed as ANNEXURE-A.				0.00
	2.The Total Contract Price shall remain Firm & Fixed till the completion of the project & shall remain valid till 31.12.2024.			Sub-Total:A+B+C+D	2,71,00,000.00
	3.As Built Drawings will be provided by you after successful Installation,Testing & Commissioning of Each Phase. (3 Sets) along with O&M Manual.			GST @ 18%	48,78,000.00
				Grand Total : Rs.	3,19,78,000.00

**Grand Total Rupees Three Crores Nineteen Lakhs Seventy Eight Thousand only.**

**Terms & Conditions :**

1	Delivery Instructions	Supply,Installation,Testing & Commissioning (SITC) will be completed as per Phase wise schedule as given above OR as approved by Site Engineer-in-Chief.
2	Terms of Payments	Payments will be made Phase wise as follows : 20% basic value Advance against a Bank Guarantee + 50% with 100%GST against PI on delivery+ 30% on successful Installation,Testing & Commissioning.
3	GST	Extra @ 18%, as shown above. TDS Deductible as applicable
4	Transportation & Transit Insurance	FOR SITE INCLUSIVE. Loading & Unloading at site is also inclusive.
5	Provisions by Site/JUIT	JUIT will provide free Storage,Water & Electricity to the vendor and will also provide free Boarding & Lodging to the Strener Team. All Civil work will be in the scope of JUIT.
6	Warranty	2 Years Comprehensive + 3 Years additional Service Support against any Manufacturing defects.
7	Spare Parts List	The Spare Parts List for Heat Pumps (Total 5 pages) are enclosed as Annexure-B & the prices will be valid till 31.03.2024 subject to revision by OEM.However Strener will give 15% discount on the price lists till the Warranty Period of Five Years.GST@18% is payable extra.
8	Quantity Variation	Quantity Variation shall be applicable for SI.No.3 only of Each BOQ enclosed as above & shall be payable by JUIT as per actual verification by JUIT Site Engineer.
9	Consignee & Billing address	Please raise your invoice in favour of :- M/s JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, Waknaghat, P.O. Waknaghat, Teh Kandaghat, Distt. Solan H.P. PAN No. : AAATJ4059Q. . Material Receiving Time : Mon to Fri. : 10 am to 1 pm and 2 pm to 4:30 pm, on Saturday : 10 am to 1 pm

NOTE : Please acknowledge acceptance of order.

For,  
JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

AUTHORISED SIGNATORY



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
WAKNAGHAT, SOLAN H.P.**

**Annexure - I**

Hostel : 12A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM : H-12A</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 70 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/102	NOS.	2	821545.00	1643090.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 70 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	76000.00	152000.00
	Flow - 12 m3/hr	CM 15-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	89300.00	178600.00
	Flow - 12 m3/hr	CM 15-2				
	Head - 27 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00
d-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
WAKNAGHAT, SOLAN H.P.**

Annexure - I

Hostel : 12A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
e-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	769.00	3845.00 ✓
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	104400.00	104400.00 ✓
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Diffrential Temprature Controller (DTC), hot water return pumps with the help of cucling timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	67501.00	67501.00 ✓
					Sub-Total : Rs.	2352196.00 ✓
					GST 18% ✓	423395.28 ✓
					Grand Total : Rs.	2775591.28 ✓

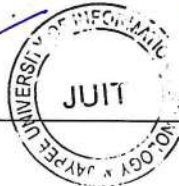
**Total Rupees:Twenty Seven lakhs Seventy Five Thousand Five Hundred Ninety One & paise Twenty Eight only.**

TDS deductible,as applicable.

For,  
Jaypee University of Information Technology,

(Authorised Signatory)

*[Signature]*  
21/8/23





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - II**

**HOSTEL : 12B - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM - H-12B</b>					
1.1	Supply , installation , testing , & commissioning of Heat Pump having a heat output of minimum 70 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/102	Nos.	3	821545.00	2464635.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 70 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump (3 Nos)</b>	GRUNDFOS	Nos	3	76000.00	228000.00
	Flow - 12 m3/hr	CM 15-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (2 Nos; 1W+1SB)</b>	GRUNDFOS	Nos	2	99750.00	199500.00
	Flow - 24 m3/hr	CM 25-2				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00
d	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00
e	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	769.00	3845.00

*Dr. J*  
01/8/23



## JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

WAKNAGHAT, SOLAN H.P.

Annexure - II

HOSTEL : 12B - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	146000.00	146000.00 ✓
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cycling timer and Heat pumps according to the load requirement. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	92776.00	92776.00 ✓
					Sub-Total : Rs.	3337516.00 ✓
					GST 18%	600752.88 ✓
					Grand Total; Rs.	3938268.88 ✓

Total Rupees: Thirty Nine lakhs Thirty Eight Thousand Two Hundred Sixty Eight and Paise Eighty Eight only

TDS deductible, as applicable. ✓

For,

Jaypee University of Information Technology,

(Authorised Signatory)

01/8/23





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

Annexure- III

**HOSTEL : 15A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
<b>1.0</b>	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 50 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/71	NOS.	3	667500.00	2002500.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 50 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump (3 Nos)</b>	GRUNDFOS	SET	3	76000.00	228000.00
	Flow - 8.6 m3/hr (Revised flow Rate 12m3/h)	CM 10-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (2 Nos; 1W+1SB)</b>	GRUNDFOS	SET	2	76000.00	152000.00
	Flow - 17.3 m3/hr	CM15-1				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

**Annexure- III**

**HOSTEL : 15A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
d	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00 ✓
e	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	769.00	3845.00 ✓
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	165000.00	165000.00 ✓
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cycling timer and Heat pumps according to the load requirement. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	92134.00	92134.00 ✓
					<b>Sub-Total : Rs.</b>	2846239.00 ✓
					<b>GST 18%</b>	512323.02 ✓
					<b>Grand Total : Rs.</b>	3358562.02 ✓

**Total Rupees: Thirty Three lakhs Fifty Eight Thousand Five Hundred Sixty Two and Paise Two only**

**TDS deductible, as applicable.** ✓

For,  
Jaypee University of Information Technology,

(Authorised Signatory)





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - IV**

**HOSTEL : 15B - Ref : JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
<b>1.0</b>	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 62 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/88	NOS.	2	806545.00	1613090.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 62 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump (2 Nos)</b>	GRUNDFOS	Nos	2	76000.00	152000.00
	Flow - 10.6 m3/hr	CM 15-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	89300.00	178600.00
	Flow - 21.2 m3/hr	CM 15-2				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00
d	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00
e	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	769.00	3845.00

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

Annexure - IV

HOSTEL : 15B - Ref : JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

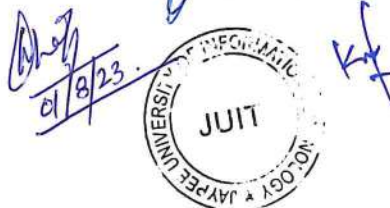
S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	106000.00	106000.00
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cucling timer and Heat pumps according to the load requirement. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	71236.00	71236.00
					<b>Sub-Total : Rs.</b>	2327531.00
					<b>GST18%</b>	418955.58
					<b>Grand Total : Rs.</b>	2746486.58

**Total Rupees: Twenty Seven lakhs Forty Six Thousand Four Hundred Eighty Six and Paise Fifty Eight only**

TDS deductible, as applicable.

For,  
Jaypee University of Information Technology,

(Authorised Signatory).





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
WAKNAGHAT, SOLAN H.P.**

**Annexure - V**

**HOSTEL : 11 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
<b>1.0</b>	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 31 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/47	NOS.	2	501149.00	1002298.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					0.00
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					0.00
1.4	<b>Design Conditions</b>					0.00
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					0.00
	Water Delta T : 5 °C					0.00
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					0.00
						0.00
1.6	<b>Heating Capacity: 31 KW.</b>					0.00
						0.00
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					0.00
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	40375.00	80750.00
	Flow - 5.3 m3/hr	CM 10-1				0.00
	Head - 15 mtrs					0.00
						0.00
2.2	<b>Secondary Pump (2 Nos; 1W+1SB)</b>	GRUNDFOS	Nos	2	40375.00	80750.00
	Flow - 5.3 m3/hr	CM 10-1				0.00
	Head - 15 mtrs					0.00
						0.00
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					0.00
a-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	20	1604.00	32080.00
b-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1045.00	5225.00

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
WAKNAGHAT, SOLAN H.P.**

**Annexure - V**

**HOSTEL : 11 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
c-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	30	964.00	28920.00
c-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	731.00	7310.00
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	76000.00	76000.00
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cucting timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	52463.00	52463.00
					<b>Sub-Total : Rs.</b>	<b>1365796.00</b>
					<b>GST 18%</b>	<b>245843.28</b>
					<b>Grand Total : Rs.</b>	<b>1611639.28</b>

**Total Rupees: Sixteen lakhs Eleven Thousand Six Hundred Thirty Nine and Paise Twenty Eight only**

**TDS deductible, as applicable.**

For,  
Jaypee University of Information Technology,

(Authorised Signatory)





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - VI.**

**HOSTEL : 14A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 50 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/71	NOS.	3	667500.00	2002500.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 50 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	3	76000.00	228000.00
	Flow - 8.6 m3/hr (Revised flow to 12.20)	CM 10-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	76000.00	152000.00
	Flow - 17.3 m3/hr	CM 15-1				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00
d	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - VI.**

**HOSTEL : 14A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
e	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	769.00	3845.00 ✓
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	108444.00	108444.00 ✓
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cucling timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	95000.00	95000.00 ✓
					<b>Sub-Total: Rs.</b>	2792549.00 ✓
					<b>GST 18% ✓</b>	502658.82 ✓
					<b>Grand Total : Rs.</b>	3295207.82 ✓

**Total Rupees:Thirty Two lakhs Ninety Five Thousand Two Hundred Seven and Paise Eighty Two only**

**TDS deductible,as applicable. ✓**

For,

Jaypee University Of Information Technology,

(Authorised Signatory)

*[Signature]*  
01/8/23





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

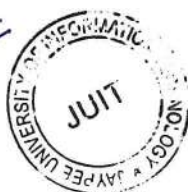
**WAKNAGHAT, SOLAN H.P.**

**Annexure - VII**

HOSTEL H14-B - Ref : JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
<b>1.0</b>	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 70 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/102	NOS.	2	806545.00	1613090.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 70 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump (2 Nos)</b>	GRUNDFOS	Nos	2	76000.00	152000.00
	Flow - 12 m3/hr	CM15-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	76000.00	152000.00
	Flow - 12 m3/hr	CM15-1				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00

*Handwritten signature and date: 01/8/23*



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - VII**

**H-14B**

HOSTM. H-14-B - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

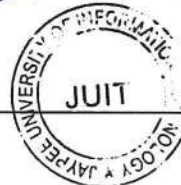
S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
d	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00
e	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	769.00	3845.00
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	103000.00	103000.00
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Diffrential Temprature Controller (DTC), hot water return pumps with the help of cucling timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	74454.00	74454.00
					Sub-Total : Rs.	2301149.00
					GST 18%	414206.82
					Grand Total : Rs.	2715355.82

**Total Rupees: Twenty Seven lakhs Fifteen Thousand Three Hundred Fifty Five and Paise Eighty Two only**

**TDS deductible,as applicable.**

For,  
Jaypee University of Information Technology,

(Authorised Signatory)





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

Annexure - VIII

HOSTEL : 5 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 31 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/47	NOS.	2	501099.00	1002198.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 31 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

Annexure - VIII

HOSTEL : 5 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	40375.00	80750.00
	Flow - 5.3 m3/hr	CM 10-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	44650.00	89300.00
	Flow - 5.3 m3/hr	CM 10-2				
	Head - 37 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	20	1604.00	32080.00
b-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1045.00	5225.00
c-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	30	964.00	28920.00
c-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	731.00	7310.00
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	86210.00	86210.00
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cycling timer and Heat pumps according to the load requirement. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	47261.00	47261.00
					Sub-Total: Rs.	1379254.00
					GST 18%	248265.72
					Grand Total : Rs.	1627519.72

**Total Rupees: Sixteen lakhs Twenty Seven Thousand Five Hundred Nineteen and Paise Seventy Two only**

TDS deductible, as applicable.

For,  
Jaypee University of Information Technology,

(Authorised Signatory)

01/8/23





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - IX**

**HOSTEL : 6 - Ref:JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 19 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/36	NOS.	2	374569.00	749138.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					0.00
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					0.00
1.4	<b>Design Conditions</b>					0.00
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					0.00
	Water Delta T : 5 °C					0.00
						0.00
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					0.00
						0.00
1.6	<b>Heating Capacity: 19 KW.</b>					0.00
						0.00
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					0.00
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	40375	80750.00
	Flow - 3.3 m3/hr	CM 5-2				0.00

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - IX**

**HOSTEL : 6 - Ref:JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

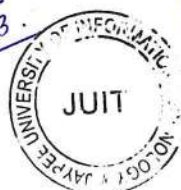
S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
	Head - 15 mtrs					0.00
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	26100	52200.00
	Flow - 3.3 m3/hr	CM 5-2				0.00
	Head - 15 mtrs					0.00
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					0.00
a-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	20	1604	32080.00
b-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1045	5225.00
c-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	30	964	28920.00
c-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	731	7310.00
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	95789	95789.00
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz,A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Diffrential Temprature Controller (DTC), hot water return pumps with the help of cucling timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	49119.00	49119.00
					Sub-Total: Rs.	1100531.00
					GST 18%	198095.58
					<b>Grand Total: Rs.</b>	<b>1298626.58</b>

**Total Rupees:Twelve lakhs Ninety Eight Thousand Six Hundred Twenty Six and Paise Fifty Eight only**

**TDS deductible,as applicable.**

For,  
Jaypee University of Information Technology,

(Authorised Signatory)





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

Annexure - X

HOSTEL : 7 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 29 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/36	NOS.	2	374569.00	749138.00
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 29 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	40375	80750.00
	Flow - 5 m3/hr	CM 5-2				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	26100	52200.00
	Flow - 5 m3/hr	CM 5-3				
	Head - 21 mtrs					

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

**Annexure - X**

**HOSTEL : 7 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
3	CPVC insulated system piping from 2 Heat pumps to Mixing Tanks					
a-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	20	1604	32080.00
b-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1045	5225.00
c-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	30	964	28920.00
c-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	731	7310.00
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	98977	98977.00
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cucling timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		No..	1	52026.00	52026.00
					Sub-Total : Rs.	1106626.00
					GST 18%	199192.68
					<b>Grand Total: Rs.</b>	<b>1305818.68</b>

**Total Rupees:Thirteen lakhs Five Thousand Eight Hundred Eighteen and Paise Sixty Eight only**

**TDS deductible,as applicable.**

For,  
Jaypee University of Information Technology,

(Authorised Signatory)





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

Annexure - XI

**HOSTEL : 8 - Ref:JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 23 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/36	NOS.	2	374569.00	749138.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation indemand at different periods.					
1.6	<b>Heating Capacity: 23 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos.	2	42500.00	85000.00
	Flow - 4 m3/hr ( Revised Flow Rate:6.1m3/h, CM10-1)	CM 5-2				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos.	2	29000.00	58000.00

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

Annexure - XI

HOSTEL : 8 - Ref:JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
	Flow - 4 m3/hr	CM 5-2				
	Head - 15 mtrs					
3	CPVC insulated system piping from 2 Heat pumps to Mixing Tanks					
a-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1604.00	80200.00
b-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1045.00	5225.00
c-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	30	964.00	28920.00
c-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	731.00	7310.00
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	92938.00	92938.00
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz,A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Diffrential Temprature Controller (DTC), hot water return pumps with the help of cycling timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	43658.00	43658.00
					Sub-Total: Rs.	1150389.00
					GST 18%	207070.02
					Grand Total: Rs.	1357459.02

**Total Rupees:Thirteen lakhs Fifty Seven Thousand Four Hundred Fifty Nine and Paise Two only**

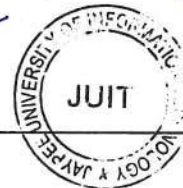
TDS deductible,as applicable.

For,

Jaypee University of Information Technology

(Authorised Signatory)

01/08/23





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT.SOLAN H.P.**

**Annexure - XII**

**HOSTEL : 1 : Ref - JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
<b>1.0</b>	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 37 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/47	NOS.	✓ 2	501099.00	1002198.00 ✓
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	Design Conditions					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 37 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					✓
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	40375.00	80750.00
	Flow - 6.2 m3/hr	CM10-1 ✓				0.00
	Head - 15 mtrs					0.00
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	40375.00	80750.00 ✓
	Flow - 6.2 m3/hr	CM10-1 ✓				0.00
	Head - 15 mtrs					0.00

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT.SOLAN H.P.**

**Annexure - XII**

**HOSTEL : 1 : Ref - JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
3	CPVC insulated system piping from 2 Heat pumps to Mixing Tanks					0.00
a-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	20 ✓	1604.00	32080.00 ✓
b-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5 ✓	1045.00	5225.00 ✓
c-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	30 ✓	964.00	28920.00 ✓
c-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10 ✓	731.00	7310.00 ✓
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1 ✓	90180.00	90180.00 ✓
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cucling timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	47665.00	47665.00 ✓
					Sub-Total : Rs.	1375078.00
					GST 18% ✓	247514.04 ✓
					<b>Grand Total: Rs.</b>	<b>1622592.04 ✓</b>

**Total Rupees:Sixteen lakhs Twenty Two Thousand Five Hundred Ninety Two and Paise Four only.**

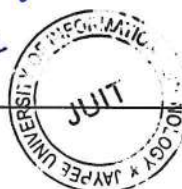
**TDS Deductible,as applicable.** ✓

**For,**

**Jaypee University of Information Technology**

**(Authorised Signatory)**

*[Signature]*  
01/8/23





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - XIII**

**HOSTEL : 2 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
<b>1.0</b>	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 37 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/47	NOS.	2	501099.00	1002198.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	Design Conditions					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 37 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc.complete in all respects.					
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	40375.00	80750.00
	Flow - 6.2 m3/hr	CM 10-1				
	Head - 15 mtrs					

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - XIII**

**HOSTEL : 2 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2 ✓	40375.00	80750.00 ✓
	Flow - 6.2 m3/hr	CM 10-1 ✓				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	20 ✓	1604.00	32080.00 ✓
b-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5 ✓	1045.00	5225.00 ✓
c-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	30 ✓	964.00	28920.00 ✓
c-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10 ✓	731.00	7310.00 ✓
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1 ✓	90180.00	90180.00 ✓
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cucling timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		No.	1 ✓	47665.00	47665.00 ✓
					Sub-Total: Rs.	1375078.00
					GST 18% ✓	247514.04 ✓
					<b>Grand Total: Rs.</b>	<b>1622592.04 ✓</b>
<b>Total Rupees:Sixteen lakhs Twenty Two Thousand Five Hundred Ninety Two and Paise Four only</b>						
<b>TDS deductible, as applicable.</b>						

For,  
Jaypee University of Information Technology

(Authorised Signatory)

01/8/23





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - XIV**

**HOSTEL : 3 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
<b>1.0</b>	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 20 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/36	NOS.	✓ 2	374569.00	749138.00 ✓
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	Design Conditions					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
<b>1.6</b>	<b>Heating Capacity: 20 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump</b> ✓	GRUNDFOS	Nos	2	40375.00	80750.00 ✓
	Flow - 3.4 m3/hr ( Revised Flow Rate:6.1m3/h, CM10-1)	CM 5-2 ✓				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	26100.00	52200.00 ✓
	Flow - 3.4 m3/hr	CM 5-2 ✓				
	Head - 15 mtrs					

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - XIV**

**HOSTEL : 3 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
3	CPVC insulated system piping from 2 Heat pumps to Mixing Tanks					
a-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	20 ✓	1604.00	32080.00 ✓
b-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5 ✓	1045.00	5225.00 ✓
c-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	30 ✓	964.00	28920.00 ✓
c-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10 ✓	731.00	7310.00 ✓
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1 ✓	95789.00	95789.00 ✓
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cycling timer and Heat pumps according to the load requirement. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		No.	1 ✓	49119.00	49119.00 ✓
					Sub-Total: Rs.	1100531.00
					GST 18% ✓	198095.58 ✓
					<b>Grand Total : Rs.</b>	<b>1298626.58 ✓</b>

**Total Rupees: Twelve lakhs Ninety Eight Thousand Six Hundred Twenty Six and Paise Fifty Eight only**

**TDS Deductible, as applicable.**

For,

Jaypee University of Information Technology,

(Authorised Signatory)

*[Signature]*  
01/8/23





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - XV**

Hostel 9 & 10 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 18.5 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/36	NOS.	2	374569.00	749138.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 18.5 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	42500.00	85000.00
	Flow - 3.2 m3/hr( Revised Flow Rate:6.1m3/h, CM10-1)	CM 5-2				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	29000.00	58000.00
	Flow - 3.2 m3/hr	CM 5-2				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1604.00	80200.00
b-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1045.00	5225.00
c-	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	964.00	4820.00

*01/8/23*



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

**Annexure - XV**

Hostel 9 & 10 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
c-	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	60 ✓	731.00	43860.00 ✓
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1 ✓	110000.00	110000.00 ✓
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cucling timer and Heat pumps according to the load requirment. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1 ✓	53294.00	53294.00 ✓
					<b>Sub-Total : Rs.</b>	1189537.00 ✓
					<b>GST @18% ✓</b>	214116.66 ✓
					<b>Grand Total : Rs.</b>	1403653.66 ✓

**Total Rupees:Forteen lakhs Three Thousand Six Hundred Fifty Three and Paise Sixty Six only**

TDS deductible,as applicable. ✓

For,  
Jaypee University of Information Technology,

(Authorised Signatory)

*[Signature]*  
01/8/23





**GENERAL TERMS & CONDITIONS  
FOR SUPPLY OF CAPITAL EQUIPMENT FROM INDIAN SOURCES**

**1.0 APPLICABILITY**

- 1.1 These terms and conditions apply to all Purchase Orders for supply of Capital Equipments, unless otherwise provided by a provision in the Purchase Order.
- 1.2 The terms 'Capital Equipment' or 'Equipment' shall include all types of Vehicles, Static Machineries and Earthmoving/ Tunneling Equipments like Bulldozers, Excavators, Compressors, Pumps and the like and includes required accessories, components and spare parts, wherever applicable, unless otherwise provided in the Purchase Order.

**2.0 VALIDITY OF OFFER FOR SPARE PARTS**

The Supplier shall submit an offer for supply of spare parts, alongwith the Equipment, for one year of operation. The Purchaser reserves the option to place a separate order for the spare parts within 90 days from the date of placement of Purchase Order for the Equipment at the prices quoted by the Supplier and agreed to by the Purchaser.

**3.0 COMPLETENESS OF CAPITAL EQUIPMENT**

The supply shall include all items, components and accessories or items required for or incidental to transporting, installation, operation and maintenance of the Equipment. The Equipment shall be complete in itself, resulting in no extra cost to the Purchaser for its proper operation and maintenance. Exclusions from the scope of the Supplier, if any, shall be specifically listed in the Purchase Order, failing which the Supplier shall supply the complete Equipment as aforesaid.

**4.0 CONFORMITY TO SPECIFICATIONS**

The Equipment to be supplied shall strictly conform to the description, technical specifications, drawings, relevant codes and Indian standards as required for sound engineering practices, whether specifically mentioned or not, which shall be deemed to form a part of the Purchase Order.

**5.0 TITLE**

The title of the Equipment to be supplied shall be free from all liens, charges and encumbrances, whatsoever.

**6.0 INSPECTION**

- 6.1 The Purchaser shall, at its option and cost, depute its own personnel, or any third party for carrying out the inspection of Equipment prior to despatch. The Supplier shall extend all necessary facilities for this purpose and arrange for such tests as are required, at his cost & risk.
- 6.2 In the event of an inspection revealing any defect or deficiency, the Supplier shall rectify and make such changes, alterations/corrections as may be required to make the Equipment conform fully to the provisions/scope of the Purchase Order (Para 4.0 refers) to the satisfaction of the Purchaser, whose decision shall be final and binding in this regard. Failure to rectify the Equipment within a reasonable time fixed by the Purchaser shall entitle the Purchaser to reject the Equipment outright and make alternative arrangements at the cost and risk of the Supplier.
- 6.3 The inspection by the Purchaser or his personnel shall not relieve the Supplier from its responsibility for adherence to the specifications and standards as prescribed/applicable.

**7.0 PACKING, TRANSPORT AND TRANSIT INSURANCE**

- 7.1 The Equipment shall be packed in a manner suitable for the means of transport adopted. All costs of packing, handling and forwarding shall be to the account of Supplier. The packages shall be duly marked and numbered. In case of spares, packing cases shall be marked as 'SPARES' (in bold letters) and contain a packing list separately in each packing case.

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01/8/23



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Pg. 1/4

Spare part list of R410A Regular hot water 18kW model, ARC/PW/C/18

Item Code	Description	Specifications	Unit	Unit Price (Rs)
801019-0104	Body of EEV	Sanhua, DPF(Q)2_4C-11	Pcs	2448
801017-0005	Body of four-way valve	Sanhua, SHF-20D-46-03	Pcs	3595.5
802026-1004	High Pressure Switch	3.8MPa(ON)-4.4MPa(OFF)	Pcs	1530
802026-3354	Low Pressure Switch	0.05MPa(OFF)-0.15MPa(ON)	Pcs	1530
802025-0204	Capacitor	15uF±5%, 450VAC, CBB61, P2	Pcs	1020
802002-2509	PCB board/Controller	PW58118-single system[3 water level] CC628A	Pcs	9180
802003-2010	Control Panel	PW58121-LCD[D type] CC596	Pcs	10200
802009-0304	Current-transformer	PW5832 0A-30A, blue, length 540mm	Pcs	1530
802008-0403	Transformer	CC.BYQ86B	Pcs	1785
802007-1115	Signal Wire	Connecting wire CCX330.17(communication connecting v	Pcs	1530
802004-2010	Sensor	CC.T129 white 5K length 5M	Pcs	1020
802004-2031	Sensor	CC.T258(5K, white, length 1500mm)	Pcs	765
802004-2033	Sensor	CC.T286(50K, red, length 1500mm)	Pcs	1020
802004-2005	Sensor	CC.T100(5K, white, length 1700mm)	Pcs	765
802017-0301	AC Contactor	NC1-1801	Pcs	4590
801001-0831	Compressor	Copeland, ZW165HAP-TFP-522/3φ380V/50HZ/R410A	Pcs	69997
801014-0304	Pressure Gauge	0-5.5(R410A)	Pcs	2448
802042-0950	Fan Motor	YDK250-6A1 15uf 880r 2.1A length 1.45m	Pcs	8950
802043-0012	Fan Blades	Φ556×167/5P/10P/12P/blue	Pcs	2754
801021-0100	Coil for EEV	Sanhua, DPF(Q)2.2/2.4C EEV coil, QA(Q)12-GL-27, DC12V	Pcs	4080
801021-1155	Coil for four-way valve	Sanhua, solenoid valve coil, SQ-A2522G-002223/length 1	Pcs	2040
801002-1123	Evaporator	Evaporator	Pcs	40086
801003-7935	Condensor	Condensor/Heat exchanger	Pcs	39576

Terms & Conditions: (For TOTAL 5 Pages)

1. Discount @ 15% on above prices and will be valid for 5 years till warranty period.
2. GST @ 18% is payable extra.
3. Price list valid till 31-03-2024 subject to revision by OEM.


Pg. (1/5)



## JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

Waknaghat Dist- Solan

Solan Himachal Pradesh 173234

## JOURNAL VOUCHER

Journal Voucher No: JUIT2312000134

Journal Voucher Date: 18-12-2023

Run Date: 18/12/2023 02:27 PM

Sl No.	Cost Centre GL Code SL Code Narration	Cost Centre Description GL Description SL Description	Dr. Amount Rs.	Cr. Amount Rs.
1	999 052500	--- HEATING EQUIPMENT	1,18,43,732.00	
	BEING AMT OF HEAT PUMP & INSTALLATION WITH ACCESSORIES VIDE INVOICE NO - 01 DTD 05.09.2023, 02 DTD 28.09.2023, 4 & 6 DTD 18.10.2023 BY ADERECO ENG PVT LTD			
2	999 030200 A00007	--- SUB CONTRACTOR ADERECO ENGINEERING PRIVATE LIMITED	26,741.00	
	BEING AMT OF TDS @2% ON 1337062/- AGT HEAT PUMP & INSTALLATION INVOICE NO - 01 DTD 05.09.2023, 02 DTD 28.09.2023, 4 & 6 DTD 18.10.2023 BY ADERECO ENG PVT LTD			
	Invoice: JV 18/12/2023			
3	999 030302	--- TDS - CONTRACTOR		26,741.00
	BEING AMT OF TDS @2% ON 1337062/- AGT HEAT PUMP & INSTALLATION INVOICE NO - 01 DTD 05.09.2023, 02 DTD 28.09.2023, 4 & 6 DTD 18.10.2023 BY ADERECO ENG PVT LTD			
4	999 030200 A00007	--- SUB CONTRACTOR ADERECO ENGINEERING PRIVATE LIMITED		1,18,43,732.00
	BEING AMT OF TDS @2% ON 1337062/- AGT HEAT PUMP & INSTALLATION INVOICE NO - 01 DTD 05.09.2023, 02 DTD 28.09.2023, 4 & 6 DTD 18.10.2023 BY ADERECO ENG PVT LTD			
	Invoice: JV 18/12/2023			
Total :			1,18,70,473.00	1,18,70,473.00

(Rs ONE CRORE EIGHTEEN LAKH SEVENTY THOUSAND FOUR HUNDRED SEVENTY THREE ONLY)

JV JUIT2312000134

Posted By PANKAJSHARMA on day Monday ,18-12-2023

Prepared By

Checked By

Authorized By

BILL AMOUNT	10037062.00
Advance	8700000.00
Balance	1337062.00
IGST @ 18 %	1806671.16
<b>Sub Total</b>	<b>11843733.16</b>
R/off	-0.16
<b>Total</b>	<b>11843733.00</b>

Actual TDS @2%	200741.00
Already Deducted TDS AGT Advance	174000.00
<b>TDS @ 2 %"on Rs 1337062/-</b>	<b>26741.00</b>
	<b>11816992.00</b>

<u>SD @ %</u>	0.00
	<b>11816992.00</b>

Tax On cons @ 0 %	0
	11816992.00

Debit By site	0
	11816992.00

Hold Amt	0
----------	---

11816992.00

**11816992.00**



As per MB  
Hostel 12A  
Hostel 12B  
Hostel 15A  
Hostel 15B

Pump  
2145591  
3130911  
2639634  
2120926  
**10037062**

Plumbing  
168853  
186490  
99046  
111389  
**565778**

(A)  
(B)  
(C)  
(D)

As per PO  
Hostel 12A  
Hostel 12B  
Hostel 15A  
Hostel 15B

2352196  
3337516  
2846239  
2327531  
**10863482**

206605  
206605  
206605  
206605  
**826420**

2145591  
3130911  
2639634  
2120926  
**10037062**

**Hostel 12A****Ser No Particulars**

**A** Primary Circulation Pump model CM-15-1  
Primary Circulation Pump model CM-15-2  
Supply & installation of Air Source Heat Pump -102KW  
Supply & installation of Air Source Heat Pump -102KW  
Accessories Like ball Valves ,Butterfly Valves  
Main Contrall Pannel

**B Plumbing Work**

25mm dia  
40mm dia  
65mm dia

**(A+B)**

Invoice No -	Date	Rate	Qty	Amount	IGST	Total Amount
	2 01.08.2023	76000	2	152000	27360	179360
	2 01.08.2023	89300	2	178600	32148	210748
	5 18.10.2023	821545	1	821545	147878	969423
	4 18.10.2023	821545	1	821545	147878	969423
	1 05.09.2023	104400	1	104400	18792	123192
	1 05.09.2023	67501	1	67501	12150	79651
				<b>2145591</b>	<b>386206</b>	<b>2531797</b>
	8 25.11.2023	769	2	1538	277	1815
	8 25.11.2023	1100	25	27500	4950	32450
	8 25.11.2023	2151	65	139815	25167	164982
				<b>168853</b>	<b>30394</b>	<b>199247</b>
				<b>2314444</b>	<b>416600</b>	<b>2731044</b>

**(A)**



**Hostel -12B**

- A** Primary Circulation Pump model CM-15-1  
Primary Circulation Pump model CM-25-2  
Supply & installation of Air Source Heat Pump -102KW  
Accessories Like ball Valves ,Butterfly Valaves  
Main Contrall Pannel

4	01.08.2023	76000	3	228000	41040	269040
2	01.08.2023	99750	2	199500	35910	235410
4	18.10.2023	821545	3	2464635	443634	2908269
1	05.09.2023	146000	1	146000	26280	172280
1	05.09.2023	92776	1	92776	16700	109476
				<b>3130911</b>	<b>563564</b>	<b>3694475</b>

**B** **Plumbing Work**

- 25mm dia  
40mm dia  
65mm dia

8	25.11.2023	769	38	29222	5260	34482
8	25.11.2023	1100	10	11000	1980	12980
8	25.11.2023	2151	68	146268	26328	172596
				<b>186490</b>	<b>33568</b>	<b>220058</b>
				<b>3317401</b>	<b>597132</b>	<b>3914533</b>

**(A+B)**

**Hostel -15A**

- A** Primary Circulation Pump model CM-10-1  
Primary Circulation Pump model CM-15-2  
Supply & installation of Air Source Heat Pump -71KW  
Supply & installation of Air Source Heat Pump -71KW  
Accessories Like ball Valves, Butterfly Valves  
Main Contrall Pannel

4	01.08.2023	76000	3	228000	41040	269040
5	01.08.2023	76000	2	152000	27360	179360
4	18.10.2023	667500	1	667500	120150	787650
5	18.10.2023	667500	2	1335000	240300	1575300
1	05.09.2023	165000	1	165000	29700	194700
1	05.09.2023	92134	1	92134	16584	108718
				<b>2639634</b>	<b>475134</b>	<b>3114768</b>

**B Plumbing Work**

- 25mm dia  
50mm dia  
40mm dia

8	25.11.2023	769	6	4614	831	5445
8	25.11.2023	1688	39	65832	11850	77682
8	25.11.2023	1100	26	28600	5148	33748
				<b>99046</b>	<b>17829</b>	<b>116875</b>
				<b>2738680</b>	<b>492963</b>	<b>3231643</b>

**(A+B)**



**Hostel -15B**

- A** Primary Circulation Pump model CM-15-1  
Primary Circulation Pump model CM-15-2  
Supply & installation of Air Source Heat Pump -88KW  
Accessories Like ball Valves ,Butterfly Valaves  
Main Contrall Pannel

5	01.08.2023	76000	2	152000	27360	179360
2	01.08.2023	89300	2	178600	32148	210748
5	18.10.2023	806545	2	1613090	290356	1903446
1	05.09.2023	106000	1	106000	19080	125080
1	05.09.2023	71236	1	71236	12822	84058
				<b>2120926</b>	<b>381767</b>	<b>2502693</b>

- B** **Plumbing Work**  
65mm dia  
40mm dia

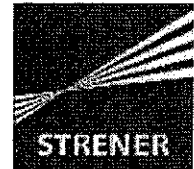
8	25.11.2023	2151	39	83889	15100	98989
8	25.11.2023	1100	25	27500	4950	32450
				<b>111389</b>	<b>20050</b>	<b>131439</b>
				<b>2232315</b>	<b>401817</b>	<b>2634132</b>

**(A+B)**

Ser no	Invoice no	Date	Particulars	Qty	Rate	Amount	IGST	Total Amount	
1	Invoice No-01	05.09.2023	Heat Pump control pannel with main in	1	67501	67501	67501	12150.00	79651.00
2	Invoice No-01	05.09.2023	Heat Pump Connection Accessories	1	104400	104400	104400	18792.00	123192.00
3	Invoice No-01	05.09.2023	Heat Pump control pannel with main in	1	92776	92776	92776	16700.00	109476.00
4	Invoice No-01	05.09.2023	Heat Pump Connection Accessories	1	146000	146000	146000	26280.00	172280.00
5	Invoice No-01	05.09.2023	Heat Pump control pannel with main in	1	92134	92134	92134	16584.00	108718.00
6	Invoice No-01	05.09.2023	Heat Pump Connection Accessories	1	165000	165000	165000	29700.00	194700.00
7	Invoice No-01	05.09.2023	Heat Pump control pannel with main in	1	71236	71236	71236	12822.00	84058.00
8	Invoice No-01	05.09.2023	Heat Pump Connection Accessories	1	106000	106000	106000	19080.00	125080.00
9	Invoice No-02	28-09-23	Primary Circulation Pump -cm15-1	2	76000	76000	152000	27360.00	179360.00
10	Invoice No-02	28-09-23	Primary Circulation Pump -cm15-2	4	89300	89300	357200	64296.00	421496.00
11	Invoice No-02	28-09-23	Primary Circulation Pump -cm25-2	2	99750	99750	199500	35910.00	235410.00
12	Invoice No-04	18-10-23	Primary Circulation Pump -cm15-1	6	76000	76000	456000	82080.00	538080.00
13	Invoice No-04	18-10-23	Air souce heat pump- 102kw	4	821545	821545	3286180	591512.00	3877692.00
14	Invoice No-04	18-10-23	Air souce heat pump- 71kw	1	667500	667500	667500	120150.00	787650.00
15	Invoice No-05	18-10-23	Primary Circulation Pump -cm15-1	4	76000	76000	304000	54720.00	358720.00
16	Invoice No-05	18-10-23	Air souce heat pump- 102kw	1	821545	821545	821545	147878.00	969423.00
17	Invoice No-05	18-10-23	Air souce heat pump- 71kw	2	667500	667500	1335000	240300.00	1575300.00
18	Invoice No-05	18-10-23	Air souce heat pump- 88kw	2	806545	806545	1613090	290356.00	1903446.00
						✓ 10037062	✓ 565778	1806670	11843732
19	Invoice No-08	05-09-23	Plumbing work				565778	101840.00	667618
			<b>Total</b>				<b>10602840</b>	<b>1908510</b>	<b>11945572</b>
									<b>11843732</b>
									<b>667618</b>
									<b>12511350</b>

PHASE - I



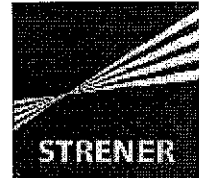


Tax Invoice								
Invoice No: 01					OUR GSTIN: 04AAAYCA8951D1ZC			
Date: 05-09-2023					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 05/09/2023			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
SI No	Item Description	HSN/SAC Code	Rate	GS T Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 12A	8537	67501	18	12150.18	79651.18	1 Lot	79651.18
2	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block 12A	8481 8030	104400	18	18782	123192	1 Lot	123192
3	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 12B	8537	92776	18	16699.68	109475.68	1 Lot	109475.68
4	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block 12B	8481 8030	146000	18	26280	172280	1 Lot	172280
5	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 15A	8537	92134	18	16584.12	108718.12	1 Lot	108718.12
6	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge	8481 8030	165000	18	29700	194700	1 Lot	194700

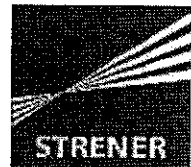
**Adreco Engineering Pvt. Ltd.**  
Plot No. # 9, Industrial Area,  
Phase-2, Chandigarh-160002

**Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area,  
Phase 2, Chandigarh – 160002 1  
Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com**

JV 23/2000/34

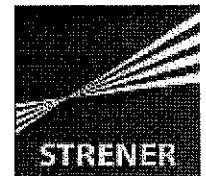


Tax Invoice								
Invoice No: 01					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 05-09-2023					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 05/09/2023			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Description	HSN/SAC Code	Rate	GST Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 12A	8537	67501	18	12150.18	79651.18	1 Lot	79651.18
2	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block 12A	8481 8030	104400	18	18782	123192	1 Lot	123192
3	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 12B	8537	92776	18	16699.68	109475.68	1 Lot	109475.68
4	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block 12B	8481 8030	146000	18	26280	172280	1 Lot	172280
5	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 15A	8537	92134	18	16584.12	108718.12	1 Lot	108718.12
6	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge	8481 8030	165000	18	29700	194700	1 Lot	194700

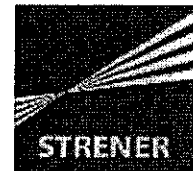


	Block 15A							
7	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 15B	8537	71236 <i>Amount IV 5</i>	18	12822.4 8	84058.4 8	1 Lot	84058.4 8
8	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block 15B	8481 8030	106000 <i>Amount IV 4</i>	18	19080	125080	1 Lot	125080
Grand Total with GST								997155. 5
After round off								997156
Total Amount in Words: Nine Lakh Ninety Seven Thousand One Hundred Fifty Six Only								
Bank Details:								
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 1								
						<b>Adreco Engineering Pvt. Ltd.</b> Plot No. # 9, Industrial Area, Phase-2, Chandigarh-160002		
						For Adreco engineering Pvt Ltd		





	Block 15A							
7	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 15B	8537	71236	18	12822.48	84058.48	1 Lot	84058.48
8	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block 15B	84818030	106000	18	19080	125080	1 Lot	125080
Grand Total with GST								997155.5
After round off								997156
Total Amount in Words: Nine Lakh Ninety Seven Thousand One Hundred Fifty Six Only								
Bank Details:					<div>failed</div> <div>Adreco Engineering Pvt. Ltd</div> <div>Plot No. # 9, Industrial Area</div> <div>Phase-2, Chandigarh-160002</div> <div>For Adreco engineering Pvt Ltd</div>			
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 1								



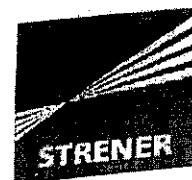
Date: 07/09/2023

This is to inform you that Adreco engineering Pvt Ltd has also delivered below listed Plumbing materials with fittings at JUIT, Wagnaghat site for Heat Pump installation. We could not generate bills as the payment's terms in on actual installed length.

1. CPVC Pipe (65 mm): 180 meters
2. CPVC Pipe (50 mm): 135 meters
3. CPVC Pipe (40 mm): 75 meters
4. CPVC Pipe (25 mm): 74 meters
5. Insulation Material: 469 meters
6. Brass fittings: 4 Lots

*Failed*

**Adreco Engineering Pvt. Ltd.**  
Plot No. # 9, Industrial Area,  
Phase-2, Chandigarh-160002



Tax Invoice					OUR GSTIN: 04AAYCA8951D1ZC			
Invoice No: 02					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Date: 28-09-2023					Date of Supply: 28/09/2023			
Place of Supply : Wahnaghat, Solan, HP					Ship to Party			
Bill to Party					Jaypee University of Information Technology			
Jaypee University of Information Technology					Address: PO: Wahnaghat, Kandaghat, Solan, HP - 173234			
Address: PO: Wahnaghat, Kandaghat, Solan, HP - 173234					GSTIN: URP			
GSTIN: URP								
SI No	Item Description	HSN/SAC Code	Rate	GS T Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Primary Circulation Pump, Make Grundfos Model: CM 15 -1	8413 7010	76000	18	13680	89680	2	179360
2	Primary Circulation Pump, Make Grundfos Model: CM 15 -2	8413 7010	89300	18	16074	105374	4	421496
3	Primary Circulation Pump, Make Grundfos Model: CM 25 -2	8413 7010	99750	18	17955	117705	2	235410
Grand Total with GST								836266
Total Amount In Words: Eight Lakh Thirty Six Thousand Two Hundred Sixty Six Only								
Bank Details:					Adreco Engineering Pvt. Ltd.			
Account No: 484505000027					Plot No. # 9, Industrial Area, Phase-2, Chandigarh-160002			
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 1					For Adreco engineering Pvt Ltd			

Adreco Engineering Pvt. Ltd.  
Plot No. # 9, Industrial Area,  
Phase-2, Chandigarh-160002

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area,  
Phase 2, Chandigarh - 160002 1  
Contact Us. 080-4114 4363/ 9916844503 www.chestrener.com





Tax Invoice								
Invoice No: 04				OUR GSTIN: 04AAYCA8951D1ZC				
Date: 18-10-2023				PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023				
Place of Supply : Wahnaghat, Solan, HP				Date of Supply: 18/10/2023				
Bill to Party				Ship to Party				
Jaypee University of Information Technology				Jaypee University of Information Technology				
Address: PO: Wahnaghat, Kandaghat, Solan, HP - 173234				Address: PO: Wahnaghat, Kandaghat, Solan, HP - 173234				
GSTIN: URP				GSTIN: URP				
Sl. No.	Item Description	HSN/SAC Code	Rate	GST Rate (%)	GST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Primary Circulation Pump, Make Grundfos Model: CM 15-4	8413 7010	76000	18	13680	89680	16	538080
2	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 70.2 kW	8418 6100	821545	18	147878.1	969423.1	1	3877692.4
3	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 71 kW	8418 6100	667500	18	120150	787650	1	787650
Grand Total with GST								5203422.4
Total Amount in Words: Fifty Two Lakh Sixty Three Thousand Four Hundred Twenty Two Only								
Bank Details:				<b>Adreco Engineering Pvt. Ltd.</b> Plot No. # 9, Industrial Area Phase-2, Chandigarh-160002  For Adreco engineering Pvt Ltd				
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 1								

Serial No: 02  
Vehicle No: HPB28C-4210  
Material: Contactor  
17:25 18-10-23

Verify  
1/10/23

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area,  
Phase 2, Chandigarh - 160002 1  
Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com



Tax Invoice									
Invoice No: 05					OUR GSTIN: 04AAYCA8951D1ZC				
Date: 18-10-2023					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023				
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 18/10/2023				
Bill to Party					Ship to Party				
Jaypee University of Information Technology					Jaypee University of Information Technology				
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234				
GSTIN: URP					GSTIN: URP				
Sl No	Item Description	HSN/SAC Code	Rate	GST %	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)	
1	Primary Circulation Pump, Make Grundfos Model: CM 15-1	8413 7010	76000	18	13680	89680	4	358720	
2	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 302 kW	8418 6100	821545	18	147878.1	969423.1	1	969423.1	
3	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 71 kW	8418 6100	667500	18	120150	787650	2	1575300	
4	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 88 kW	8418 6100	806545	18	145178.1	951723.1	2	1903446.2	
Grand Total with GST								4806889.30	
Total Amount in Words: Forty Eight Lakh Six Thousand Eight Hundred Eighty nine Only									
Bank Details:					<b>Adreco Engineering Pvt Ltd</b> Plot No. # 9, Industrial Area Phase-2, Chandigarh-160002  For Adreco engineering Pvt Ltd				
Account No: 484505000027									
Bank Name: ICICI Bank									
IFSC Code: ICIC0004845									
Account Name: Adreco Engineering Private Limited									
Branch: Industrial Area Phase 1									

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area, Phase 2, Chandigarh - 160002 1

Contact Us: 080-4114 4363/ 9916844503 www.thestrener.com

4806889.30 + 5203422.4 + 130

100/03/200

Sub Ledger : A00007-ADRECO ENGINEERING PRIVATE LIMITED

Run Date : 16-12-2023

Page No # 1

Voucher Date	Particulars	Vch. Type Voucher No	Debit Rs.	Credit Rs.	Balance Rs.
	Opening Balance.....		0.00		
26-09-2023	030200 SUB CONTRACTOR	BPV	9,80,000.00		9,80,000.00Dr
	VIDE CHQ NO- 131471/26.09.2023 ADV AGT HEAT PUMP	JUIT2309000221			
26-09-2023	030200 SUB CONTRACTOR	JV	20,000.00		10,00,000.00Dr
	BEING TDS DEPOSIT 1000000/- @ 2 % AGT HEAT PUMP	JUIT2309000444			
20-10-2023	030200 SUB CONTRACTOR	BPV	6,37,000.00		16,37,000.00Dr
	VIDE CHQ NO-131577/20.10.2023 ADV AGT HEAT PUMP AND BILL NO02DTD.28.09.2023	JUIT2310000171			
20-10-2023	030200 SUB CONTRACTOR	JV	13,000.00		16,50,000.00Dr
	BEING TDS DEPOSIT ON RS-650000/- @ 2 % AGT HEAT PUMP	JUIT2310000209			
27-10-2023	030200 SUB CONTRACTOR	BPV	10,29,000.00		26,79,000.00Dr
	VIDE CHQ NO-131660/27.10.2023 AGT HEAT PUMP	JUIT2310000232			
27-10-2023	030200 SUB CONTRACTOR	JV	21,000.00		27,00,000.00Dr
	BEING TDS DEPOSIT ON RS- 1050000/- @2 % AGT HEAT PUMP	JUIT2310000253			
30-10-2023	030200 SUB CONTRACTOR	BPV	9,80,000.00		36,80,000.00Dr
	VIDE CHQ NO- 314337/30.10.2023 ADV AGT HEAT PUMP	JUIT2310000236			
30-10-2023	030200 SUB CONTRACTOR	JV	20,000.00		37,00,000.00Dr
	BEING TDS DEPOSIT ON RS- 10,00,000/-@2 % AGT HEAT PUMP	JUIT2310000269			
03-11-2023	030200 SUB CONTRACTOR	JV	40,000.00		37,40,000.00Dr
	BEING TDS DEPOSIT ON RS- 20,00000/- @ 2 % AGT HEAT PUMP	JUIT2311000010			
03-11-2023	030200 SUB CONTRACTOR	BPV	19,60,000.00		57,00,000.00Dr
	VIDE CHQ NO-314352/03.11.2023 ADVANCE AGT HEAT PUMP	JUIT2311000012			
17-11-2023	030200 SUB CONTRACTOR	JV	40,000.00		57,40,000.00Dr
	BEING TDS DEPOSIT ON RS-20,00000/- @2 % AGT HEAT PUMP	JUIT2311000072			
17-11-2023	030200 SUB CONTRACTOR	BPV	19,60,000.00		77,00,000.00Dr
	VIDE CHQ NO- 314408/17.11.2023 ADV AGT HEAT PUMP	JUIT2311000076			
02-12-2023	030200 SUB CONTRACTOR	JV	20,000.00		77,20,000.00Dr
	BEING TDS DEPOSIT ON RS- 1000000/- @ 2% AGT HEAT PUMP	JUIT2312000001			
02-12-2023	030200 SUB CONTRACTOR	BPV	9,80,000.00		87,00,000.00Dr
	VIDE C HQ NO- 314573/02.12.2023 AGT HEAT PUMP	JUIT2312000002			
	Total.....		87,00,000.00	0.00	
	Closing Balance.....			87,00,000.00	



**PURCHASE ORDER**  
**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
Waknaghat, P.O. Waknaghat, Teh Kandaghat  
Distt. Solan H.P -173 234  
Tel. : 01792220-2400973-75



P.O. NO	JUIT/PO/WAK/HP/48/66.	Date	01.08.2023
		INDENT REF.	Shri.S.Moondra.
PARTY NAME	M/s.ADRECO ENGINEERING Pvt.Ltd.	CONTACT PERSON	Shri.Pankaj Chaudhary
	Plot No.9, Industrial Area Phase-2, CHANDIGARH - 160 002.	PHONE	9110680822/9916844503
	GST No. : A/F	Email	pankaj@thestrener.com

Please supply the following material :

S. No.	Description of Material	Unit	Qty	Rate (Rs.)	Amount (Rs.)
I	Supply,Installation,Testing & Commissioning (SITC) of HEAT Pumps (Make: STRENER),with Allied pumps(Make:GRUNDFOS), panels & accessories : Complete as per Hostelwise BOQ & Completion Schedule :				
A	Phase I : SITC completion by 30.09.2023.				
1	Hostel H -12A : Heat Pumps 70 kw - 2 nos. As per BOQ enclosed as Annexure-I.	LOT	1	23,52,196.00	23,52,196.00
2	Hostel H -12B : Heat Pumps 70 kw - 3 nos.As per BOQ enclosed as Annexure-II.	LOT	1	33,37,516.00	33,37,516.00
3	Hostel H - 15A : Hear Pumps 50 kw. - 3 nos.As per BOQ enclosed as Annexure-III	LOT	1	28,46,239.00	28,46,239.00
4	Hostel H - 15B : Hear Pumps 62 kw. - 2 nos.As per BOQ enclosed as Annexure-IV.	LOT	1	23,27,531.00	23,27,531.00
				Sub-Total:A	1,08,63,482.00
B	Phase II : SITC completion by 31.12.2023.				0.00
5	Hostel H -11 : Heat Pumps 31 kw - 2 nos.As per BOQ enclosed as Annexure-V.	LOT	1	13,65,796.00	13,65,796.00
6	Hostel H -14A : Heat Pumps 50 kw - 3 nos.As per BOQ enclosed as Annexure-VI.	LOT	1	27,92,549.00	27,92,549.00
7	Hostel H -14B : Heat Pumps 70 kw - 2 nos.As per BOQ enclosed as Annexure-VII.	LOT	1	23,01,149.00	23,01,149.00
				Sub-Total:B	64,59,494.00
C	Phase III : SITC completion by 30.04.2024.				0.00
8	Hostel H - 5 : Heat Pumps 31 kw - 2 nos.As per BOQ enclosed as Annexure-VIII.	LOT	1	13,79,254.00	13,79,254.00
9	Hostel H - 6 : Heat Pumps 19 kw - 2 nos.As per BOQ enclosed as Annexure-IX.	LOT	1	11,00,531.00	11,00,531.00
10	Hostel H - 7 : Heat Pumps 29 kw - 2 nos.As per BOQ enclosed as Annexure-X.	LOT	1	11,06,626.00	11,06,626.00
11	Hostel H - 8 : Heat Pumps 23 kw - 2 nos.As per BOQ enclosed as Annexure-XI.	LOT	1	11,50,389.00	11,50,389.00
				Sub-Total:C	47,36,800.00
D	Phase IV : SITC completion by 31.07.2024.				0.00
12	Hostel H - 1 : Heat Pumps 37 kw - 2 nos.As per BOQ enclosed as Annexure-XII.	LOT	1	13,75,078.00	13,75,078.00
13	Hostel H - 2 : Heat Pumps 37 kw - 2 nos.As per BOQ enclosed as Annexure-XIII.	LOT	1	13,75,078.00	13,75,078.00
14	Hostel H - 3 : Heat Pumps 20 kw - 2 nos.As per BOQ enclosed as Annexure-XIV.	LOT	1	11,00,531.00	11,00,531.00
15	Hostel H - 9 &10 : Heat Pumps 18.5 kw - 2 nos.As per BOQ enclosed as Annexure-XV.	LOT	1	11,89,537.00	11,89,537.00
	PLEASE NOTE & COMPLY :			Sub-Total:D	50,40,224.00
	1.This PO will be governed by our "General Terms & Conditions For Supply of Capital Equipments from Indian Sources". until & unless as specified in the PO.				0.00

*[Signature]*  
01/08/23

*[Signature]*  
Pg (1/2)

*[Signature]*

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

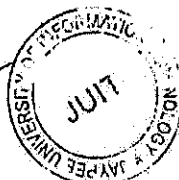
**Annexure - I**

Hostel : 12A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM - H-12A</b>					
1.1	Supply, installation, testing & commissioning of Heat Pump having a heat output of minimum 70 kW (at 2 Deg. C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/102	NOS.	2	821545.00	1643090.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heat pump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 70 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S. channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	76000.00	152000.00
	Flow - 12 m3/hr	CM 15-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	89300.00	178600.00
	Flow - 12 m3/hr	CM 15-2				
	Head - 27 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia. Insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia. Insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia. Insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00
d-	32mm dia. Insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00

As per Achive measurement by site engineers

01/8/23



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

**Annexure - II**

**HOSTEL : 12B - Ref: JUIT/PO/WAK/HP/48/66 dt:01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM - H-12B</b>					
1.1	Supply, installation, testing, & commissioning of Heat Pump having a heat output of minimum 70 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/102	Nos.	3	821545.00	2464635.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg.C to +45 Deg.C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2°C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	Heating Capacity: 70 KW.					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump (3 Nos)</b>	GRUNDFOS	Nos	3	76000.00	228000.00
	Flow - 12 m3/hr	CM 15-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (2 Nos; 1W+1SB)</b>	GRUNDFOS	Nos	2	99750.00	199500.00
	Flow - 24 m3/hr	CM 25-2				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a	65mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral/Supreme	RM	10	2151.00	21510.00
b	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral/Supreme	RM	50	1688.00	84400.00
c	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral/Supreme	RM	5	1100.00	5500.00
d	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral/Supreme	RM	90	1015.00	91350.00
e	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral/Supreme	RM	5	769.00	3845.00

*Actual*

*01/8/23*





**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure- III**

**HOSTEL : 15A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM.</b>					
1.1	Supply , installation , testing & commissioning of Heat Pump having a heat output of minimum 50 kW (at 2 Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/71	NOS.	3	667500.00	2002500.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 50 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated), base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump (3 Nos)</b>	GRUNDFOS	SET	3	76000.00	228000.00
	Flow - 8.6 m <sup>3</sup> /hr (Revised flow Rate 12m <sup>3</sup> /h)	CM 10-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (2 Nos; 1W+1SB)</b>	GRUNDFOS	SET	2	76000.00	152000.00
	Flow - 17.3 m <sup>3</sup> /hr	CM 15-1				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00

Accepted by  
Engineer  
Verification

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure- III**

**HOSTEL : 15A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
d	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00
e	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	769.00	3845.00
4.0	Accessories like Ball Valves, Butterfly valves, NRV, Y-Strainers, Line sensors, cables etc.	Zoloto or equivalent	LOT	1	165000.00	165000.00
5.0	Supply, installation, testing & commissioning of Main Control Panel of sheet steel of thickness of 2.0 mm thick CRCA sheet cubicle design for indoor mounting, factory fabricated suitable for operation on 415 volts 3ph 50Hz, A.C. This control panel to shall operate Primary pumps & recirculation pumps with the help of Differential Temperature Controller (DTC), hot water return pumps with the help of cycling timer and Heat pumps according to the load requirement. All equipment to operate with contractors/relays and switchgears of required current rating complete in all respects shall be provided.		NOS.	1	92134.00	92134.00
					<b>Sub-Total : Rs.</b>	<b>2846239.00</b>
					<b>GST 18%</b>	<b>512323.02</b>
					<b>Grand Total : Rs.</b>	<b>3358562.02</b>

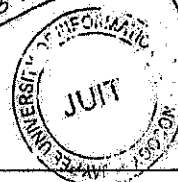
**Total Rupees: Thirty Three lakhs Fifty Eight Thousand Five Hundred Sixty Two and Paise Two only**

**TDS deductible, as applicable.**

For,  
Jaypee University of Information Technology,

(Authorised Signatory)

01/8/23



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

**Annexure - IV**

**HOSTEL : 15B - Ref : JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply, installation, testing & commissioning of Heat Pump having a heat output of minimum 62 kW (at 2 Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/88	NOS.	2	806545.00	1613090.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heat pump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	<b>Heating Capacity: 62 KW.</b>					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump (2 Nos)</b>	GRUNDFOS	Nos	2	76000.00	152000.00
	Flow - 10.6 m3/hr	CM 15-1				
	Head - 15 mtrs					
2.2	<b>Secondary Pump (1W+1SB)</b>	GRUNDFOS	Nos	2	89300.00	178600.00
	Flow - 21.2 m3/hr	CM 15-2				
	Head - 15 mtrs					
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00
d	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00
e	25mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	769.00	3845.00

As per  
Actual  
verified  
by Engineer





## Handing Over Certificate

To whom it may concern

Date: 16/11/2023

P.O. No. JUIT/POWAK/HP/48/66, Dated 01/08/2023

We are hereby issuing this document in accordance to the completion and handing over of the Heat pump water heating project, Phase 1, to the concerned officials of JUIT, Wagnaghat, Solan, HP.

With reference to the PO, the work order for supply, installation, testing and commissioning of Air source Heat Pump hot Water generation Plant has been successfully completed in the presence of site engineer.

We hereby declare that below listed items has been supplied, tested, and commissioned at the site by our personal:

Serial No	Particulars	Specification/ Descriptions
1	Heat Pump	102 kW: 5 Units, 88 kW: 2 Units, 71 kW: 3 Units
2	Primary Circulation pump	Model: Grundfos 15 - 1: 10 units
3	Secondary Circulation Pump	Model: Grundfos 15 - 1: 2 units Model: Grundfos 15 - 2: 4 units Model: Grundfos 25 - 2: 2 units
4	Control Panel	4 Set
5	Accessories	4 Set
6	Plumbing	At Actuals
7	Miscellaneous(optional)	

We are delighted to get business from you, and promise to deliver best quality solution and services to your prestigious University.

JUIT Site Engineer: A. P. Phare

Name and Designation: S. P. Project Engineer  
(Electrical)

Signature with date:

*Jailal*  
**Adreco Engineering Pvt. Ltd.**  
Plot No. # 9, Industrial Area  
Phase-2, Chandigarh-160002

JAILAL

Adreco Engineering Pvt. Ltd. Plot # 9, Chandigarh Industrial Area, Phase 2, Chandigarh - 160002  
Contact Us: 080-4114 4363/9916844503, www.thestrener.com

# JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

Waknaghat Dist- Solan

Solan Himachal Pradesh 173234

## JOURNAL VOUCHER

Journal Voucher No: JUIT2312000135

Journal Voucher Date: 18-12-2023

Run Date: 18/12/2023 02:30 PM

Sl No.	Cost Centre GL Code SL Code Narration	Cost Centre Description GL Description SL Description	Dr. Amount Rs.	Cr. Amount Rs.
1	999 052500	--- HEATING EQUIPMENT	6,67,618.00	
	BEING AMT OF HEAT PUMP PLUMBING MATERIAL VIDE INVOICE NO - 08 DTD 25.11.2023 BY ADRECO ENG PVT LTD			
2	999 030200 A00007	--- SUB CONTRACTOR ADRECO ENGINEERING PRIVATE LIMITED	11,316.00	
	BEING AMT OF TDS @2% ON RS 565778/- AGT HEAT PUMP PLUMBING MATERIAL VIDE INVOICE NO - 08 DTD 25.11.2023 BY ADRECO ENG PVT LTD			
	Invoice: JV 18/12/2023			
3	999 030302	--- TDS - CONTRACTOR		11,316.00
	BEING AMT OF TDS @2% ON RS 565778/- AGT HEAT PUMP PLUMBING MATERIAL VIDE INVOICE NO - 08 DTD 25.11.2023 BY ADRECO ENG PVT LTD			
4	999 030310	--- TAX ON CONSTRUCTION WORKERS WELFARE CESS ACT		6,676.00
	BEING AMT OF TAX ON CONS @1% ON RS 667618/- AGT HEAT PUMP PLUMBING MATERIAL VIDE INVOICE NO - 08 DTD 25.11.2023 BY ADRECO ENG PVT LTD			
5	999 030200 A00007	--- SUB CONTRACTOR ADRECO ENGINEERING PRIVATE LIMITED		6,60,942.00
	BEING AMT OF HEAT PUMP PLUMBING MATERIAL VIDE INVOICE NO - 08 DTD 25.11.2023			
	Invoice: JV 18/12/2023			
Total :			6,78,934.00	6,78,934.00

(Rs SIX LAKH SEVENTY EIGHT THOUSAND NINE HUNDRED THIRTY FOUR ONLY)

JV JUIT2312000135

Posted By PANKAJSHARMA on day Monday ,18-12-2023

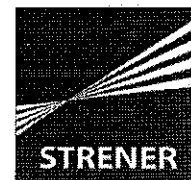
Prepared By

Checked By

Authorized By

BILL AMOUNT	565778.00
IGST @ 18 %	101840.04
<b>Sub Total</b>	<b>667618.04</b>
R/off	-0.04
Total	<b>667618.00</b>
<b>TDS @ 2 %"on Rs 565778/-</b>	<b>11316.00</b>
	<b>656302.00</b>
<u>SD @ %</u>	0.00
	<b>656302.00</b>
Tax On cons @ 1 %	6676
	649626.00
	<b>649626.00</b>

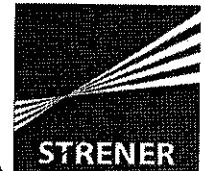




Tax Invoice								
Invoice No: 08					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 25-11-2023					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 05/09/2023			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Description	HSN/SAC Code	Rate/RM	GST Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Hostel Block 12A 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	2	1814.84
2	Hostel Block 12A 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	25	32450
3	Hostel Block 12A 65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	2151	18	387.18	2538.18	65	164981.7
4	Hostel Block 12B 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	38	34481.96
5	Hostel Block 12B 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	10	12980
6	Hostel Block 12B 65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	2151	18	387.18	2538.18	68	172596.24
7	Hostel Block 15A 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	6	5444.52
8	Hostel Block 15A 50mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1688	18	303.84	1991.84	39	77681.76

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area, Phase 2, Chandigarh - 160002 1  
Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com

*For Lead*



9	Hostel Block 15A 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	26	33748
10	Hostel Block 15B 65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	2151	18	387.18	2538.18	39	98989.0 2
11	Hostel Block 15B 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	25	32450
Grand Total with GST								667618. 04
Total Amount in Words: Six Lakh Sixty Seven Thousand Six Hundred Eighteen Only								
Bank Details:					<div>Adreco Engineering Pvt. Ltd. Plot No. # 9, Industrial Area Phase-2, Chandigarh-160002</div> <div>For Adreco engineering Pvt Ltd</div>			
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 1								



## Handing Over Certificate

### To whom it may concern

PO No: JUIT/POWAK/HP/48/66, Dated 01/08/2023

Date: 26/11/2023

We are hereby issuing this document in accordance to the completion and handing over of the Heat pump water heating project, Phase 1, to the concerned officials of JUIT, Wagnaghat, Solan, HP.

With reference to the PO, the work order for supply, installation, testing and commissioning of Air source Heat Pump hot Water generation Plant has been successfully completed in the presence of site engineer.


We hereby declare that below listed items has been supplied, tested, and commissioned at the site by our personal.

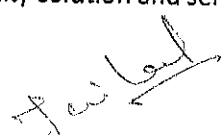
Serial No	Particulars	Specification/ Descriptions
1	Heat Pump	102 kW: 5 Units, 88 kW: 2 Units, 71 kW: 3 Units
2	Primary Circulation pump	Model: Grundfos 15 – 1: 10 units
3	Secondary Circulation Pump	Model: Grundfos 15 – 1: 2 units Model: Grundfos 15 – 2: 4 units Model: Grundfos 25 – 2: 2 units
4	Control Panel	4 Set
5	Accessories	4 Set
6	Plumbing	343 RM
7	Miscellaneous(optional)	

We are delighted to get business from you, and promise to deliver best quality solution and services to your prestigious University.

JUIT Site Engineer

Name and Designation: Jasveer Singh  
(Engineer)

Signature with date:   
26/11/23

  
**Adreco Engineering Pvt. Ltd.**  
Plot No. # 9, Industrial Area  
Phase-2, Chandigarh-160002



# JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

Waknaghat Dist- Solan

Solan Himachal Pradesh 173234

## JOURNAL VOUCHER

Journal Voucher No: JUIT2402000091

Journal Voucher Date: 16-02-2024

Run Date: 16/02/2024 04:49 PM

Sl No.	Cost Centre GL Code SL Code Narration	Cost Centre Description GL Description SL Description	Dr. Amount Rs.	Cr. Amount Rs.
1	999 052500	--- HEATING EQUIPMENT	3,60,573.00	
	BEING AMT OF HEAT PUMP PHASE 02 H11,14A & 14 B PLUMBING MATREIAL & WORK VIDE INVOICE NO - 19 DTD 23.01.2024 BY ADRECO ENG PVT LTD			
2	999 030200 A00007	--- SUB CONTRACTOR ADRECO ENGINEERING PRIVATE LIMITED	6,111.00	
	BEING AMT OF TDS @2% ON RS 305571/- AGT HEAT PUMP PHASE 02 H11,14A & 14 B PLUMBING MATREIAL & WORK VIDE INVOICE NO - 19 DTD 23.01.2024 BY ADRECO ENG PVT LTD			
	Invoice: JV 16/02/2024			
3	999 030302	--- TDS - CONTRACTOR		6,111.00
	BEING AMT OF TDS@2% ON RS 305571/- AGT HEAT PUMP PHASE 02 H11,14A & 14 B PLUMBING MATREIAL & WORK VIDE INVOICE NO - 19 DTD 23.01.2024 BY ADRECO ENG PVT LTD			
4	999 030310	--- TAX ON CONSTRUCTION WORKERS WELFARE CESS ACT		3,606.00
	BEING AMT OF TAX ON CONS @2% ON RS 360573/ HEAT PUMP PHASE 02 H11,14A & 14 B PLUMBING MATREIAL & WORK VIDE INVOICE NO - 19 DTD 23.01.2024 BY ADRECO ENG PVT LTD			
5	999 030200 A00007	--- SUB CONTRACTOR ADRECO ENGINEERING PRIVATE LIMITED		3,56,967.00
	BEING AMT OF HEAT PUMP PHASE 02 H11,14A & 14 B PLUMBING MATREIAL & WORK VIDE INVOICE NO - 19 DTD 23.01.2024			
	Invoice: JV 16/02/2024			
Total :			3,66,684.00	3,66,684.00

(Rs. 3,66,684.00 IN WORDS: THREE LAKH SIXTY SIX THOUSAND SIX HUNDRED EIGHTY FOUR ONLY)

JV JUIT2402000091

Posted By PANKAJSHARMA on day Friday ,16-02-2024

Prepared By

Checked By



Authorized By



Tax Invoice								
Invoice No: 19					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 23-01-2024					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 23/01/2023			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Description	HSN/SAC Code	Rate/RM	GST Rate(%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Hostel Block 11 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	731	18	131.58	862.58	2	1725.16
2	Hostel Block 11 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1045	18	188.1	1233.1	42	51790.2
3	Hostel Block 14A 50mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1688	18	303.84	1991.84	72	143412.48
4	Hostel Block 14A 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	9	8166.78
5	Hostel Block 14A 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	11	14278
6	Hostel Block 14B 65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	2151	18	387.18	2538.18	43	109141.74
7	Hostel Block 14B 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	1	907.42
8	Hostel Block 14B 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	24	31151

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area, Phase 2, Chandigarh - 160002 1  
Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com



		STRENER
Grand Total with GST		360572.
		8
Total after Round off		360573
Total Amount in Words: Three Lakh Sixty Thousand Five Hundred Seventy Three Only		
Bank Details:		 
Account No: 484505000027		
Bank Name: ICICI Bank		
IFSC Code: ICIC0004845		
Account Name: Adreco Engineering Private Limited		
Branch: Industrial Area Phase 1		For Adreco engineering Pvt Ltd

## JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

Waknaghat Dist- Solan

Solan Himachal Pradesh 173234

## JOURNAL VOUCHER

Journal Voucher No: JUIT2402000090

Journal Voucher Date: 16-02-2024

Run Date: 16/02/2024 04:41 PM

Sl No.	Cost Centre GL Code SL Code Narration	Cost Centre Description GL Description SL Description	Dr. Amount Rs.	Cr. Amount Rs.
1	999 052500	--- HEATING EQUIPMENT	70,47,844.00	
	BEING AMT OF HEAT PUMP PHASE-02 H11,14A & 14B INSTALLATION INVOICE NO - 12 DTD 12.12.2023 & 14 & 15 DTD 07.01.2024 BY ADRECO ENG PVT LTD			
2	999 030200 A00007	--- SUB CONTRACTOR ADRECO ENGINEERING PRIVATE LIMITED	49,455.00	
	BEING AMT OF TDS@2% ON RS 2472749/- AGT HEAT PUMP PHASE-02 INSTALLATION INVOICE NO - 12 DTD 12.12.2023 & 14 & 15 DTD 07.01.2024 BY ADRECO ENG PVT LTD			
	Invoice: JV 16/02/2024			
3	999 030302	--- TDS - CONTRACTOR		49,455.00
	BEING AMT OF TDS @2% ON RS 2472749/- AGT HEAT PUMP PHASE-02 INSTALLATION INVOICE NO - 12 DTD 12.12.2023 & 14 & 15 DTD 07.01.2024 BY ADRECO ENG PVT LTD			
4	999 030200 A00007	--- SUB CONTRACTOR ADRECO ENGINEERING PRIVATE LIMITED		70,47,844.00
	BEING AMT OF HETA PUMP PHASE-02 H11,14A & 14B INSTALLATION INVOICE NO - 12 DTD 12.12.2023 & 14 & 15 DTD 07.01.2024 BY ADRECO ENG PVT LTD			
	Invoice: JV 16/02/2024			
Total :			70,97,299.00	70,97,299.00

(Rs SEVENTY LAKH NINETY SEVEN THOUSAND TWO HUNDRED NINETY NINE ONLY)

JV JUIT2402000090

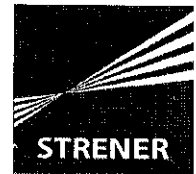
Posted By PANKAJSHARMA on day Friday ,16-02-2024

Prepared By

Checked By

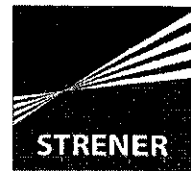
Authorized By





Tax Invoice								
Invoice No: 14					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 07-01-2024					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 07/01/2024			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Description	HSN/SAC Code	Rate	GS T Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 71 kW	8418 6100	667500	18	120150	787650	3	2362950
2	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 47 kW	8418 6100	501149	18	90206.82	591355.82	2	1182711.64
Total with GST								3545661.64
Total after Round off								3545662
Total Amount in Words: Thirty Five Lakh Forty Five Thousand Six Hundred Sixty Two Only								
Bank Details:					<b>Adreco Engineering Pvt. Ltd.</b> <b>Plot No. # 9, Industrial Area,</b> <b>Phase-2, Chandigarh-160002</b>			
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 2					For Adreco engineering Pvt Ltd			

Serial No ..... 01  
 Vehicle No ..... CH-01T0931  
 Material ..... Stone  
 Time 11:20 hrs Date 08/01/2024  
 Checked by ..... Henry  
 Wagnaghat



Tax Invoice								
Invoice No: 15					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 07-01-2024					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Waknaghat, Solan, HP					Date of Supply: 07/01/2024			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Waknaghat, Kandaghat, Solan, HP - 173234					Address: PO: Waknaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Description	HSN/ SAC Code	Rate	GST Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 102 kW	8418 6100	806545	18	145178.1	951723.1	2	1903446.2
Total with GST								1903446.2
Total with Roundoff								1903446
Total Amount in Words: Nineteen Lakh Three Thousand Four Hundred Forty-Six Only								
Bank Details:					<b>Adreco Engineering Pvt. Ltd.</b> Plot No. # 9, Industrial Area, Phase-2, Chandigarh-160002  For Adreco engineering Pvt Ltd			
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 2								

Serial No. 02  
Vehicle No. CH-01TAG652  
Material. Stone  
Time 11:20 hrs Date 08/01/2024  
Check by S. S. D. [Signature]  
Waknaghat

Phase - II

11.11

14A

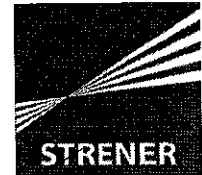
14B



Tax Invoice								
Invoice No: 12					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 12-12-2023					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 12/12/2023			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Discription	HSN/ SAC Code	Rate	GS T Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Qua ntit y	Total Amount (INR)
1	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block H14A	8537	95000	18	17100	112100	1 Lot	112100
2	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block H14A	8481 8030	108444	18	19519.9 2	127963. 92	1 Lot	127963. 92
3	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block H14B	8537	74454	18	13401.7 2	87855.7 2	1 Lot	87855.7 2
4	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block H14B	8481 8030	103000	18	18540	121540	1 Lot	121540
5	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block H11	8537	52463	18	9443.34	61906.3 4	1 Lot	61906.3 4
6	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block H11	8481 8030	76000	18	13680	89680	1 Lot	89680

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area,  
Phase 2, Chandigarh - 160002 1

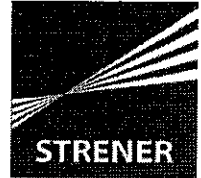
Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com



7	Primary Pump Make Grundfos Model: CM 15 -1	VII	8413 7010	76000	18	13680	89680	5 Nos	448400
8	Secondary Pump Make Grundfos Model: CM 15 -1	VII	8413 7010	76000	18	13680	89680	4 Nos	358720
9	Secondary Pump Make Grundfos Model: CM 10 -1	V	8413 7010	40375	18	7267.5	47642.5	2 Nos	95285
10	Primary Pump Make Grundfos Model: CM 10 -1	V	8413 7010	40375	18	7267.5	47642.5	2 Nos	95285
Grand Total with GST								1598735 .98	
After round off								1598736	
Total Amount in Words: Fifteen Lakh Ninety-Eight Thousand Seven Hundred Thirty-Six Only									
Bank Details:					<div>for <b>Adreco Engineering Pvt. Ltd</b> Plot No. # 9, Industrial Area Phase-2, Chandigarh-160002</div> <div>For Adreco engineering Pvt Ltd</div>				
Account No: 484505000027									
Bank Name: ICICI Bank									
IFSC Code: ICIC0004845									
Account Name: Adreco Engineering Private Limited									
Branch: Industrial Area Phase 1									

Serial No ..... 01 .....  
 Vehicle No CH 01 0136  
 Material Electrical  
 Time 1645 Date 12-12-23  
 Check by .....  
 Signature





## Handing Over Certificate

### To whom it may concern

PO No: JUIT/POWAK/HP/48/66, Dated 01/08/ 2023

Date: 29/01/2024

We are hereby issuing this document in accordance to the completion and handing over of the Heat pump water heating project, Phase 2, to the concerned officials of JUIT, Wagnaghat, Solan, HP.

With reference to the PO, the work order for supply, installation, testing and commissioning of Air source Heat Pump hot Water generation Plant has been successfully completed in the presence of site engineer.

We hereby declare that below listed items has been supplied, tested, and commissioned at the site by our personal.

Serial No	Particulars	Specification/ Descriptions
1	Heat Pump	102 kW: 2 Units, 71 kW: 3 Units, 47 kW: 2 Units
2	Primary Circulation pump	Model: Grundfos 15 – 1: 5 units Model: Grundfos 10 – 1: 2 units
3	Secondary Circulation Pump	Model: Grundfos 15 – 1: 4 units Model: Grundfos 10 – 1: 2 units
4	Control Panel	3 Set
5	Accessories	3 Set
6	Plumbing	204 RM
7	Miscellaneous(optional)	

We are delighted to get business from you, and promise to deliver best quality solution and services to your prestigious University.

JUIT Site Engineer

Name and Designation: *Jamleer Singh*  
Engineer

Signature with date: *Jamleer Singh*  
29/01/24

*Jamleer Singh*  
Adreco Engineering Pvt. Ltd.  
Plot No. # 9, Industrial Area  
Phase-2, Chandigarh-160002

# e-Way Bill



E-Way Bill No:	3217 1130 2332
E-Way Bill Date:	07/01/2024 07:40 PM
Generated By:	04AAY CA895 1D1ZC - ADRECO ENGINEERING PRIVATE LIMITED
Valid From:	07/01/2024 07:40 PM [95Kms]
Valid Until:	08/01/2024

## Part - A

GSTIN of Supplier	04AAYCA8951D1ZC,ADRECO ENGINEERING PRIVATE LIMITED
Place of Dispatch	Chandigarh,CHANDIGARH-160002
GSTIN of Recipient	URP ,Jaypee University of Information Technology
Place of Delivery	Waknaghat,HIMACHAL PRADESH-173234
Document No.	14
Document Date	07/01/2024
Transaction Type:	Regular
Value of Goods	3545661.64
HSN Code	84186100 - 71KW ACCESSORIES( +1 )
Reason for Transportation	Outward - Supply
Transporter	

## Part - B

Mode	Vehicle / Trans Doc No & Dt.	From	Entered Date	Entered By	CEWB No. (If any)	Multi Veh.Info (If any)
Road	CH01TA6652	Chandigarh	07/01/2024 07:40 PM	04AAYCA8951D1ZC	-	-



321711302332

**Adreco Engineering Pvt. Ltd.**  
Plot No. # 9, Industrial Area,  
Phase-2, Chandigarh-160002

# e-Way Bill



E-Way Bill No:	3917 1130 2908
E-Way Bill Date:	07/01/2024 07:44 PM
Generated By:	04AAY CA895 1D1ZC - ADRECO ENGINEERING PRIVATE LIMITED
Valid From:	07/01/2024 07:44 PM [95Kms]
Valid Until:	08/01/2024

## Part - A

GSTIN of Supplier	04AAYCA8951D1ZC,ADRECO ENGINEERING PRIVATE LIMITED
Place of Dispatch	Chandigarh,CHANDIGARH-160002
GSTIN of Recipient	URP ,Jaypee University of Information Technology
Place of Delivery	Wakanaghat,HIMACHAL PRADESH-173234
Document No.	15
Document Date	07/01/2024
Transaction Type:	Regular
Value of Goods	1903446.2
HSN Code	84186100 - 102 KW ACCESSORIES
Reason for Transportation	Outward - Supply
Transporter	

## Part - B

Mode	Vehicle / Trans Doc No & Dt.	From	Entered Date	Entered By	CEWB No. (If any)	Multi Veh.Info (If any)
Road	CH01TB0431	Chandigarh	07/01/2024 07:44 PM	04AAYCA8951D1ZC	-	-



391711302908

**Adreco Engineering Pvt. Ltd.**  
Plot No. # 9, Industrial Area,  
Phase-2, Chandigarh-160002

# e-Way Bill



E-Way Bill No:	3916 9916 4024
E-Way Bill Date:	12/12/2023 11:46 AM
Generated By:	04AAY CA895 1D1ZC - ADRECO ENGINEERING PRIVATE LIMITED
Valid From:	12/12/2023 11:46 AM [95Kms]
Valid Until:	13/12/2023

## Part - A

GSTIN of Supplier	04AAYCA8951D1ZC,ADRECO ENGINEERING PRIVATE LIMITED
Place of Dispatch	Chandigarh,CHANDIGARH-160002
GSTIN of Recipient	URP ,Jaypee University of Information Technology
Place of Delivery	Solan,HIMACHAL PRADESH-173234
Document No.	12
Document Date	12/12/2023
Transaction Type:	Regular
Value of Goods	1598735.98
HSN Code	84137010 - ( +9 )
Reason for Transportation	Outward - Supply
Transporter	

## Part - B

Mode	Vehicle / Trans Doc No & Dt.	From	Entered Date	Entered By	CEWB No. (If any)	Multi Veh.Info (If any)
Road	CH01TA0136	Chandigarh	12/12/2023 11:46 AM	04AAYCA8951D1ZC	-	-





391699164024

# Hostel 11

Ser No Particulars

A Air source heat pump water heater along with microprocessor controller 47 kw  
Heat Pump Control Panel with main Incomer VMR  
Accessories - NRV Ball Valve Y stainer  
Primary Pump  
Secondary Pump

## B Plumbing Work

25mm dia  
40mm dia

(A+B)

## Hostel -14A

A Air source heat pump water heater along with microprocessor controller 71kw  
Heat Pump Control Panel with main Incomer VMR  
Accessories - NRV Ball Valve Y stainer  
Primary Pump  
Secondary Pump

## B Plumbing Work

25mm dia  
40mm dia  
50mm dia

(A+B)

## Hostel -14B

A Air source heat pump water heater along with microprocessor controller 102 kw  
Heat Pump Control Panel with main Incomer VMR  
Accessories - NRV Ball Valve Y stainer  
Primary Pump  
Secondary Pump

## B Plumbing Work

25mm dia  
40mm dia  
65mm dia

(A+B)

As per MB

Hostel 11  
Hostel 14A  
Hostel 14B

As per PO

Hostel 11  
Hostel 14A  
Hostel 14B

Invoice No	Date	Rate	Qty	Amount	IGST	Total Amount
14	07-01-24	501149	2	32298	180414	1182712
14	12-12-23	52463	1	52463	9443	61906
14	12-12-23	76000	1	76000	13680	89680
12	12-12-23	40375	2	80750	14535	95285
12	12-12-23	40375	2	80750	14535	95285
				<b>1292261</b>	<b>232607</b>	<b>1524868</b>
19	23-01-24	731	2	1462	263	1725
19	23-01-24	1045	42	43890	7900	51790
				<b>45352</b>	<b>8163</b>	<b>53515</b>
				<b>1337613</b>	<b>240770</b>	<b>1578383</b>
14	07-01-24	667500	3	2002500	360450	2362950
12	12-12-23	95000	1	95000	17100	112100
12	12-12-23	108444	1	108444	19520	127964
12	12-12-23	76000	3	228000	41040	269040
12	12-12-23	76000	2	152000	27360	179360
				<b>2585944</b>	<b>465470</b>	<b>3051414</b>
19	23-01-24	769	9	6921	1246	8167
19	23-01-24	1100	11	12100	2178	14278
19	23-01-24	1688	72	121536	21876	143412
				<b>140557</b>	<b>25300</b>	<b>165857</b>
				<b>2726501</b>	<b>490770</b>	<b>3217271</b>
15	07-01-24	806545	2	1613090	290356	1903446
12	12-12-23	74454	1	74454	13402	87856
12	12-12-23	103000	1	103000	18540	121540
12	12-12-23	76000	2	152000	27360	179360
12	12-12-23	76000	2	152000	27360	179360
				<b>2094544</b>	<b>377018</b>	<b>2471562</b>
19	23-01-24	769	1	769	138	907
19	23-01-24	1100	24	26400	4752	31152
19	23-01-24	2151	43	92493	16649	109142
				<b>119662</b>	<b>21539</b>	<b>141201</b>
				<b>2214206</b>	<b>398557</b>	<b>2612763</b>

Pump Total Cost without GST

1292261 1337613  
2585944 2726501  
2094544 2214206  
5972749 6278320

Plumbing

45352  
140557  
119662  
305571

1292261

2585944

2094544

5972749

73535

206605

206605

486745

1365796

2792549

2301149

6459494

TDS @ 2% on  
RS - 5972749/-

119455/-  
70000/- TDS

49455/- Deducted

8472749/-

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN H.P.**

Annexure - V

HOSTEL : 11 - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply, Installation, testing & commissioning of Heat Pump having a heat output of minimum 31 kW (at 2 Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRENER Model: ARC/PW/C/47	NOS.	2	501149.00	1002298.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heat pump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					0.00
	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					0.00
1.4	<b>Design Conditions</b>					0.00
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					0.00
	Water Delta T : 5 °C					0.00
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					0.00
1.6	<b>Heating Capacity: 31 KW.</b>					0.00
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. Induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					0.00
2.1	<b>Primary Pump</b>	GRUNDFOS	Nos	2	40375.00	80750.00
	Flow - 5.3 m3/hr	CM 10-1				0.00
	Head - 15 mtrs					0.00
2.2	<b>Secondary Pump (2 Nos; 1W+1SB)</b>	GRUNDFOS	Nos	2	40375.00	80750.00
	Flow - 5.3 m3/hr	CM 10-1				0.00
	Head - 15 mtrs					0.00
3	<b>CPVC Insulated system piping from 2 Heat pumps to Mixing Tanks</b>					0.00
a-	50mm dia. Insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	20	1604.00	32080.00
b-	40mm dia. Insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1045.00	5225.00

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**

**WAKNAGHAT, SOLAN H.P.**

**Annexure - VI.**

**HOSTEL : 14A - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.**

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply, Installation, testing & commissioning of Heat Pump having a heat output of minimum 50 kW (at 2Deg.C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system.	STRENER Model: ARC/PW/C/71	NOS.	3	667500.00	2002500.00
1.2	The vibration isolators shall be shipped alongwith heat pump. The proposed heatpump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant.					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump : 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	Heating Capacity: 50 KW.					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.P.C. induction motor, M.S.channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump</b>					
	Flow - 8.6 m3/hr (Revised flow to 12.20) <i>updated model</i>	GRUNDFOS	Nos	3	76000.00	228000.00
	Head - 15 mtrs	CM 10-1				
2.2	<b>Secondary Pump (1W+1SB)</b>					
	Flow - 17.3 m3/hr	GRUNDFOS	Nos	2	76000.00	152000.00
	Head - 15 mtrs	CM 15-1				
3	<b>CPVC Insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00
d	32mm dia.insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	90	1015.00	91350.00



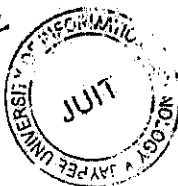
**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
WAKNAGHAT, SOLAN H.P.**

**Annexure - VII**

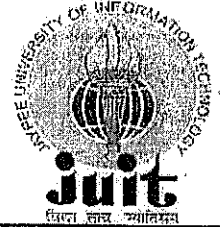
HOSTEL H14-B - Ref: JUIT/PO/WAK/HP/48/66 dt.01.08.2023.

S. No.	DESCRIPTION	MAKE	UNIT	QTY	RATE IN INR	AMOUNT IN INR
1.0	<b>HOT WATER SYSTEM</b>					
1.1	Supply, installation, testing & commissioning of Heat Pump having a heat output of minimum 70 kW (at 2 Deg. C ambient condition) in operating ambient range of 0-45 degree centigrade/3-Phase, 415V/50Hz with water temperature of 55 degree centigrade. Compressor shall be scroll type with high heating capacity and COP. Heat exchanger shall be Shell & Tube type which has ability to handle high operating pressure & Temperature and easier to clean/Maintain using brush. Electrical protections like under/low voltage/single phasing/phase reversal/compressor overload/pump overload/MCB protection & Auto defrost shall be inbuilt into the system	STRBNER Model: ARC/PW/C/102	NOS.	2	806545.00	1613090.00
1.2	The vibration isolators shall be shipped along with heat pump. The proposed heat pump should be able to work from 0 Deg C to +45 Deg C ambient temperature for producing Hot Water and should have its defrost cycle.					
1.3	Refrigerant circuit to include liquid line drier filter with replaceable solid cartridge, liquid line sight glass, Thermostatic/ Electronic Expansion valve, high pressure safety valve, high & low pressure transducers, high and low pressure switches, etc. The heat pump shall be suitable for operation on Environment friendly refrigerant 407C/ alternative and shall come factory charged with refrigerant					
1.4	<b>Design Conditions</b>					
	Designed Air Entering Temp for selecting Heat Pump: 2 °C					
	Water Delta T : 5 °C					
1.5	The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.					
1.6	Heating Capacity: 70 KW,					
2.0	Supply, of Internal circulation pumps suitable for 415 Volts connected with T.E.F.C. induction motor, M.S. channel, base plate complete with vibration isolators, isolating valve on suction and discharge, non return valve on discharge, pressure gauges with stop cock and dial type thermometer on suction and discharge. The pump shall have mechanical seal. The pump shall be SS casing, impeller, shaft and CI (Epoxy coated) base & EPDM Mechanical seal (suitable for hot water temperature up to 90 deg C.) including Valves, NRV, Strainers, Pressure Gauge, Thermometer & Cabling etc. complete in all respects.					
2.1	<b>Primary Pump (2 Nos)</b>					
	Flow - 12 m3/hr	GRUNDFOS	Nos	2	76000.00	152000.00
	Head - 15 mtrs	CM15-1				
2.2	<b>Secondary Pump (1W+1SB)</b>					
	Flow - 12 m3/hr	GRUNDFOS	Nos	2	76000.00	152000.00
	Head - 15 mtrs	CM15-1				
3	<b>CPVC insulated system piping from 2 Heat pumps to Mixing Tanks</b>					
a-	65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	10	2151.00	21510.00
b-	50mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	50	1688.00	84400.00
c-	40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc	Astral /Supreme	RM	5	1100.00	5500.00

*Handwritten signature*  
01/08/23



**PURCHASE ORDER**  
**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
Waknaghat, P.O. Waknaghat, Teh Kandaghat  
Distt. Solan H.P -173 234  
Tel. : 01792220-2400973-75



P.O. NO	JUIT/PO/WAK/HP/48/66.	Date	01.08.2023
PARTY NAME	M/s.ADRECO ENGINEERING Pvt.Ltd. Plot No.9, Industrial Area Phase-2, CHANDIGARH - 160 002. GST No. : A/F	INDENT REF.	Shri.S.Moondra.
		CONTACT PERSON	Shri.Pankaj Chaudhary
		PHONE	9110680822/9916844503
		Email	pankaj@thestrener.com

Please supply the following material :

S. No.	Description of Material	Unit	Qty	Rate ( Rs. )	Amount (Rs.)
I	Supply,Installation,Testing & Commissioning (SITC) of HEAT Pumps (Make: STRENER),with Allied pumps(Make:GRUNDFOS), panels & accessories : Complete as per Hostelwise BOQ & Completion Schedule :				
A	Phase I : SITC completion by 30.09.2023.				
1	Hostel H -12A : Heat Pumps 70 kw - 2 nos. As per BOQ enclosed as Annexure-I.	LOT	1	23,52,196.00	23,52,196.00
2	Hostel H -12B : Heat Pumps 70 kw - 3 nos.As per BOQ enclosed as Annexure-II.	LOT	1	33,37,516.00	33,37,516.00
3	Hostel H - 15A : Hear Pumps 50 kw. - 3 nos.As per BOQ enclosed as Annexure-III	LOT	1	28,46,239.00	28,46,239.00
4	Hostel H - 15B : Hear Pumps 62 kw. - 2 nos.As per BOQ enclosed as Annexure-IV.	LOT	1	23,27,531.00	23,27,531.00
				Sub-Total:A	1,08,63,482.00
B	Phase II : SITC completion by 31.12.2023.				0.00
5	Hostel H -11 : Heat Pumps 31 kw - 2 nos.As per BOQ enclosed as Annexure-V.	LOT	1	13,65,796.00	13,65,796.00
6	Hostel H -14A : Heat Pumps 50 kw - 3 nos.As per BOQ enclosed as Annexure-VI.	LOT	1	27,92,549.00	27,92,549.00
7	Hostel H -14B : Heat Pumps 70 kw - 2 nos.As per BOQ enclosed as Annexure-VII.	LOT	1	23,01,149.00	23,01,149.00
				Sub-Total:B	64,59,494.00
C	Phase III : SITC completion by 30.04.2024.				0.00
8	Hostel H - 5 : Heat Pumps 31 kw - 2 nos.As per BOQ enclosed as Annexure-VIII.	LOT	1	13,79,254.00	13,79,254.00
9	Hostel H - 6 : Heat Pumps 19 kw - 2 nos.As per BOQ enclosed as Annexure-IX.	LOT	1	11,00,531.00	11,00,531.00
10	Hostel H - 7 : Heat Pumps 29 kw - 2 nos.As per BOQ enclosed as Annexure-X.	LOT	1	11,06,626.00	11,06,626.00
11	Hostel H - 8 : Heat Pumps 23 kw - 2 nos.As per BOQ enclosed as Annexure-XI.	LOT	1	11,50,389.00	11,50,389.00
				Sub-Total:C	47,36,800.00
D	Phase IV : SITC completion by 31.07.2024.				0.00
12	Hostel H - 1 : Heat Pumps 37 kw - 2 nos.As per BOQ enclosed as Annexure-XII.	LOT	1	13,75,078.00	13,75,078.00
13	Hostel H - 2 : Heat Pumps 37 kw - 2 nos.As per BOQ enclosed as Annexure-XIII.	LOT	1	13,75,078.00	13,75,078.00
14	Hostel H - 3 : Heat Pumps 20 kw - 2 nos.As per BOQ enclosed as Annexure-XIV.	LOT	1	11,00,531.00	11,00,531.00
15	Hostel H - 9 &10 : Heat Pumps 18.5 kw - 2 nos.As per BOQ enclosed as Annexure-XV.	LOT	1	11,89,537.00	11,89,537.00
	PLEASE NOTE & COMPLY :			Sub-Total:D	50,40,224.00
	1.This PO will be governed by our "General Terms & Conditions For Supply of Capital Equipments from Indian Sources". until & unless as specified in the PO.				0.00

*[Signature]*  
01/08/23

*[Signature]*  
19/12

*[Signature]*

Sr.	Description	Unit Rate (In Rs.)	Unit	R/A Bill No.-1		R/A Bill No.-2		R/A Bill No.-3	
				Qty	Rate In (Rs.)	Qty	Rate In (Rs.)	Qty	Rate In (Rs.)
1	Hot water system								
1.1	Supply, Installation, Testing & Commissioning of Heat Pumps shall be inbuilt into the system.								
	Hostel- 14 A (71KW)	6,67,500.00	Nos.	0	0	3	20,02,500.00	0	0
	Hostel- 14B (102KW)	8,06,545.00	Nos.	0	0	2	16,13,090.00	0	0
	Hostel- 11 (47KW)	5,01,149.00	Nos.	0	0	2	10,02,298.00	0	0
1.2	The vibration Isolators shall have its defrost cycle.								
1.3	Refrigerant circuit to include charged with refrigerant.								
1.4	Design conditions								
	Designed air entering temp to selecting Heat Pump: 2 degree, water delta T: 5 degree								
1.5	The Heat Pump shall have different periods								
1.6	Rating capacity: 70kw, 50kw, 31 kw								
2	Supply of internal circulation pumps complete in all respects.								
2.1	Primary Pump (CM15-1)	76,000.00	Nos.	3	228000	0	0.00	0	0
2.1	Primary Pump (CM10-1)	76,000.00	Nos.	2	152000	0	0.00	0	0
2.1	Primary Pump (CM10-1)	40,325.00	Nos.	2	80750	0	0.00	0	0
2.2	Secondary Pump (14W-15) (CM15-2)								
	CM10-1	40,375.00	Nos.	2	80750	0	0	0	0
	CM15-1	76,000.00	Nos.	4	304000	0	0	0	0
3	CPVC Insulated system mixing tanks								
a	65mm dia. Insulated CPVC sockets etc.	2,151.00	RM	0	0	0	0	43	92,493.00
b	50mm dia. Insulated CPVC sockets etc.	1,688.00	RM	0	0	0	0	72	1,21,536.00
c	40mm dia. Insulated CPVC sockets etc.	2,100.00	RM	0	0	0	0	35	38,500.00
c	40mm dia. Insulated CPVC sockets etc.	2,045.00	RM	0	0	0	0	42	43,890.00
d	32mm dia. Insulated CPVC sockets etc.	1,015.00	RM	0	0	0	0	0	0.00
e	25mm dia. Insulated CPVC sockets etc.	769.00	RM	0	0	0	0	10	7,690.00
e	25mm dia. Insulated CPVC sockets etc.	731.00	RM	0	0	0	0	2	1,462.00
4	Accessories like ball valves cables etc.								
	Hostel- 14 A (71KW)	1,08,444.00	LOT	1	108444	0	0	0	0
	Hostel- 14B (102KW)	1,03,000.00	LOT	1	103000	0	0	0	0
	Hostel- 11 (47KW)	76,000.00	LOT	1	76000	0	0	0	0
5	Supply, Installation, testing & commissioning of main control panel shall be provided								
	Hostel- 14 A (71KW)	95,000.00	Nos.	1	95000	0	0	0	0
	Hostel- 14 B (102KW)	74,454.00	Nos.	1	74454	0	0	0	0
	Hostel- 11 (47KW)	52,463.00	Nos.	1	52463	0	0	0	0
	Sub- total (Rs.)				13,54,861.00		46,17,888.00		3,05,571.00
	Debit Amount against MS channel frame, 17500/-				0.00		0.00		17,500.00
	Total (Rs.)				13,54,861.00		46,17,888.00		2,89,071.00
	Grand total (Rs.)					62,60,820.00			

*[Handwritten signature]*

# Solar energy

7.1.2

85

## NORTHSUN SOLAR CORPORATION

PLOT NO 134, IND AREA, PH-1

PANCHKULA-134113

GSTIN/UN 06AJRPK3559N2ZF

State Name : Haryana, Code : 06

E-Mail : northsunindia@yahoo.co.in

Consignee (Ship to)

JP UNIVERSITY OF INFORMATION TECHNOLOGY

P.O. WAKNAGHAT, TEH. KHANDAGHAT DISTT. SOLAN

H.P.

State Name : Himachal Pradesh, Code : 02

Buyer (Bill to)

JP UNIVERSITY OF INFORMATION TECHNOLOGY

P.O. WAKNAGHAT, TEH. KHANDAGHAT DISTT. SOLAN

H.P.

State Name : Himachal Pradesh, Code : 02

Invoice No.

007

Delivery Note

Dated

22-May-24

Mode/Terms of Payment

Reference No. & Date

Other References

Buyer's Order No.

Dated

Dispatch Doc No.

Delivery Note Date

Dispatched through

Destination

Self

JAYPEE UNIVERSITY SOLAN

Terms of Delivery

SI No	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	STREET LIGHT LUMINAR SOLAR STREET LIGHT LUMINAR 9 WATT WITH LITHIUM BATTERY	1504	2.000 Nos.	9,800.00	Nos.	19,600.00

OUTPUT IGST

3,528.00

Serial No. 02  
Vehicle No. HP-13-4932  
Material Stone  
Time 2115 22/5/24

Total

2.000 Nos.

₹ 23,128.00  
E. & O.E

Amount Chargeable (in words)

INR Twenty Three Thousand One Hundred Twenty Eight Only

HSN/SAC

1504	Taxable Value	Integrated Tax Rate	Amount	Total Tax Amount
	19,600.00	18%	3,528.00	3,528.00
Total	19,600.00		3,528.00	3,528.00

Tax Amount (in words) : INR Three Thousand Five Hundred Twenty Eight Only

Company's Bank Details

Bank Name : UNION BANK OF INDIA

A/c No. : 628901010050194

Branch & IFS Code : SEC-20-PKL. & UBIN0562894  
for NORTHSUN SOLAR CORPORATION

Company's PAN : AJRPK3559N

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

SUBJECT TO PANCHKULA JURISDICTION

This is a Computer Generated Invoice





<b>HIGHLY COMPONENTS PVT. LTD</b> B-34/11, 2ND FLOOR, G.T KARNAL ROAD INDUSTRIAL AREA, DELHI-110033 PH: 45680580 GSTIN/UIN: 07AAACH6373G1ZL State Name : Delhi, Code : 07	Invoice No. <b>GST/2024-25/165</b> Delivery Note Reference No. & Date.	Dated <b>9-Aug-24</b> Mode/Terms of Payment <b>100% ADVANCE</b> Other References <b>WT. 2.250 KG.</b>
Consignee (Ship to) <b>JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY</b> WAKNAGHAT PO. WAKNAGHAT, TEHSIL -KANDAGHAT, DISTT; SOLAN-173234 (H.P), PH; 01792-239254, 9816077244 State Name : Himachal Pradesh, Code : 02	Buyer's Order No. <b>PO NO. 0383/24-25</b> Dispatch Doc No.	Dated <b>2-Aug-24</b> Delivery Note Date
Buyer (Bill to) <b>JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY</b> WAKNAGHAT PO. WAKNAGHAT, TEHSIL -KANDAGHAT, DISTT; SOLAN-173234 (H.P), PH; 01792-239254, 9816077244 State Name : Himachal Pradesh, Code : 02	Dispatched through <b>BY COURIER</b> Terms of Delivery <b>BY AIR</b>	Destination <b>SOLAN</b>

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	PIR HC-7BN motion sensor	90329000	9 NOS	450.00	NOS	4,050.00
	POSTAGE AND FREIGHT OUTPUT IGST					350.00 792.00
	<i>Upendu</i> <i>18-8-24</i> Serial No. <i>01</i> Vehicle No. <i>AK CORRIDOR</i> Material <i>STORE</i> Time <i>1540</i> Date <i>18-08-24</i> Check by <i>AK</i> Working	<i>GRV No. 1-318</i> <i>18-08-24</i> <i>AK</i> <i>18-08-24</i>				
	Total		9 NOS			Rs. 5,192.00

E. &amp; O.E

Amount Chargeable (in words)

INR Five Thousand One Hundred Ninety Two Only

HSN/SAC	Taxable Value	IGST		Total Tax Amount
		Rate	Amount	
90329000	4,400.00	18%	792.00	792.00
Total	4,400.00		792.00	792.00

Tax Amount (in words) : INR Seven Hundred Ninety Two Only

## Remarks:

GST/2024-25/165

Company's PAN : AAACH6373G

## Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

## Company's Bank Details

Bank Name : ICICI BANK

A/c No. : 033105000072

Branch &amp; IFS Code : NEW DELHI &amp; ICIC0000331

for HIGHLY COMPONENTS PVT LTD



Authorised Signatory

This is a Computer Generated Invoice

LED bulbs

Original Copy

GSTIN : 04ABUPG3177D12P

( This copy does not entitle the holder to claim Input Tax Credit )

## TAX INVOICE

## GLOBE ELECTRICALS

SHOP NO. 32, SECTOR 27 C, CHANDIGARH

Tel. : 9356493368 email : globeelectricstore@yahoo.co.in

## Party Details :

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
WHAKNAGHAT DIST SOLAN  
HIMACHAL PRADESH

Invoice No. : 411-GE  
Dated : 15-07-2023  
Place of Supply : Himachal Pradesh (02)  
Reverse Charge : N  
GR/RR No. :  
Transport : BY HAND  
Vehicle No. :  
Station :  
E-Way Bill No. :

GSTIN / UIN :  
P.O NO> : Po.0268

S.N.	Description of Goods	HSN/SAC Code	Qty.	Unit	List Price	Discount	IGST Rate	IGST Amount	Amount (Rs.)
1.	LED LAMP 9W1 — 5 Watt E27	8539	200.000	Pcs.	55.00	0.00 %	18.00 %	1,980.00	12,980.00
<p>Serial No. 19 Vehicle No. HPA-13-4932 Material Store Time 2340 Date 15/7/23 Check by Security Waknaghat</p> <p>G.P.V. No. 223 15-07-23 15-07-23</p>									Grand Total
									12,980.00

Tax Rate	Taxable Amt.	IGST Amt.	Total Tax
18%	11,000.00	1,980.00	1,980.00

Rupees Twelve Thousand Nine Hundred Eighty Only

Bank Details : HDFC BANK LTD SECTOR 27 C CHANDIGARH  
A/ C NO 59209356493368 IFSC HDFC0001324

## Terms &amp; Conditions

E. &amp; O.E.

1. Goods once sold will not be taken back.
2. Interest @ 24% p.a. will be charged if the payment is not made within the stipulated time.
3. Subject to 'Chandigarh' Jurisdiction only.

Receiver's Signature :

for GLOBE ELECTRICALS

Authorised Signatory



7.1.2

**Mob. 9417159572**  
**7837032939**

Plot No. 433-A, Industrial Area, Phase-II, Chandigarh-160 002

**Prop.**

(04)

7.1.2

Store. ①

**Mob. 9417159572**  
**7837032939**

**Plot No. 433-A, Industrial Area, Phase-II, Chandigarh-160 002**

Transportation Mode : \_\_\_\_\_

Vehicle No. : \_\_\_\_\_

**Date & Time of Supply :** \_\_\_\_\_

**Place of Supply :** \_\_\_\_\_

### Detail of Consignee (Shipped to)

Name : \_\_\_\_\_

Address : \_\_\_\_\_

**State :** \_\_\_\_\_

State Code : \_\_\_\_\_

GSTIN Number : \_\_\_\_\_

**Invoice Value (In Words)**

**Amount of Tax Subject to Reverse Charge ₹**

Freight Charges	₹	
Loading and Packing Charges	₹	
Insurance Charges	₹	
Other Charges	₹	
Invoice Total	₹	3688

**Electronic Reference Number :**

For **P.D. SALES CORPORATION**

~~SECRET~~

- Prop.**

Name :

**Designation :**

(55)



7.10.2  
2022



**SPINOFF TECHNO PARK PVT LTD**  
 PLOT NO. E- 226  
 PHASE 8-B  
 INDUSTRIAL AREA  
 DISTRICT MOHALI, PUNJAB, INDIA  
 GSTIN/UIN: 03AAMCS1440F1ZQ  
 State Name : Punjab, Code : 03  
 CIN: U73100CH2008PTC031273  
 E-Mail : accounts1@spinoff.in

Invoice No. <b>GST/23-24/1419</b>	Dated <b>8-Nov-23</b>
Delivery Note	Mode/Terms of Payment
Reference No. & Date. <b>0645 / 23-24 dt. 10-Oct-23</b>	Other References
Buyer's Order No.	Dated
Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination
Terms of Delivery	

Consignee (Ship to)  
**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
 P.O. WAKNAGHAT, TEHSIL-KANDAGHAT, DIST-SOLAN  
 HIMACHAL PRADESH-173234  
 GSTIN/UIN : URP  
 State Name : Himachal Pradesh, Code : 02

Buyer (Bill to)  
**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
 P.O. WAKNAGHAT, TEHSIL-KANDAGHAT, DIST-SOLAN  
 HIMACHAL PRADESH-173234  
 State Name : Himachal Pradesh, Code : 02

SI No.	Description of Goods	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate	per	Amount
1	<b>63012 I Led 9W Bollard Lights</b> Cool White, Black	94051010	9.00 Pcs	3,309.90	2,805.00	Pcs	25,245.00
	Less : <b>Output- IGST SHORT &amp; EXCESS</b>						4,544.10 (-)0.10
Total			9.00 Pcs				<b>₹ 29,789.00</b>

*G.R.V. No. 585*  
*17-11-23*  
*Chander*  
*17-11-23*

Serial No. **03**  
 Vehicle No. **HP-13 4932**  
 Material **STORE**  
 Time **21:20** Date **17-11-23**  
 Check **R**

Amount Chargeable (in words) **INR Twenty Nine Thousand Seven Hundred Eighty Nine Only** E. & O.E

HSN/SAC	Taxable Value	IGST Rate	IGST Amount	Total Tax Amount
94051010	25,245.00	18%	4,544.10	4,544.10
Total	25,245.00		4,544.10	4,544.10

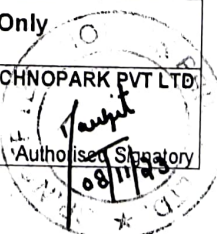
Tax Amount (in words) : **INR Four Thousand Five Hundred Forty Four and Ten paise Only**  
 Company's PAN : **AAMCS1440F**

Declaration  
 We declare that this invoice shows the actual price of the goods declared and that all particulars are true and correct.

for SPINOFF TECHNO PARK PVT LTD.

Authorised Signatory

This is a Computer Generated Invoice



## LED bulbs

## Tax Invoice

(ORIGINAL FOR RECIPIENT)

Disha Agencies (2023-24)  
 PLOT NO 453 PHASE-2 INDUSTRIAL  
 AREA, RAMDARBAR  
 0172-5088272, 2651272  
 GSTIN/UIN: 04AAEFD5475E1ZO  
 State Name : Chandigarh, Code : 04  
 E-Mail : SALES@DISHAAGENCIES.COM  
 Buyer (Bill to)

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
 P.O. WAKNAGHAT, TEH. KANDAGHAT, DISTT. SOLAN  
 PIN CODE-173234 (H.P) INDIA  
 MR UPENDER SINGH 7355399269  
 01792-239254, 245362  
 State Name : Himachal Pradesh, Code : 02

Invoice No. 2023-24/11137  
 Dated 3-Jan-24  
 Delivery Note Mode/Terms of Payment  
 PO NO. 0872/ 23-24  
 Reference No. & Date. Other References  
 Buyer's Order No. Dated  
 Dispatch Doc No. Delivery Note Date  
 Dispatched through 2-Jan-24  
 Destination  
 Terms of Delivery

SI	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc %	Amount
1	CG LED LAMP 7 WATT - E-27 WHITE	85393990	18 %	100 PCS	55.00	PCS		5,500.00
							18 %	990.00

IGST - 18%  
 Round Off

Serial No. 01  
 Vehicle No. HP-13-4932  
 Material Store  
 2315 3-1-24

Total 100 PCS ₹ 6,490.00  
 E. & O.E

Amount Chargeable (in words)

INR Six Thousand Four Hundred Ninety Only

HSN/SAC

85393990

Taxable Value	Integrated Tax Rate	Amount	Total Tax Amount
5,500.00	18%	990.00	990.00
Total		5,500.00	990.00

Tax Amount (in words) INR Nine Hundred Ninety Only

Company's PAN : AA EFD5475E

Declaration  
 1. Goods once sold will not be taken back 2. Interest @ 24% p.a. on payments not received within 30 days. 3. We do not own any responsibility after goods leave our premises.

SUBJECT TO CHANDIGARH JURISDICTION

This is a Computer Generated Invoice

Company's Bank Details  
 Bank Name : HDFC BANK (50200005388920)  
 A/c No. : HDFC BANK (50200005388920)  
 Branch & IFS Code : HDFC BANK SECTOR 35-B & HDFC00000435  
 for Disha Agencies (2023-24)

Authorised Signatory

(07)

**Tax Invoice**

**LED bulbs**



**SPINOFF TECHNOPARK PVT LTD**  
 PLOT NO. E- 226  
 PHASE 8-B  
 INDUSTRIAL AREA  
 DISTRICT MOHALI, PUNJAB, INDIA  
 GSTIN/UIN: 03AAMCS1440F1ZQ  
 State Name : Punjab, Code : 03  
 CIN: U73100CH2008PTC031273  
 E-Mail : accounts1@spinoff.in

Invoice No.	Dated
<b>GST/23-24/1809</b>	<b>11-Jan-24</b>
Delivery Note	Mode/Terms of Payment
Reference No. & Date.	Other References
Buyer's Order No.	Dated
Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination
Terms of Delivery	

Consignee (Ship to)  
**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
 P.O. WAKNAGHAT, TEHSIL-KANDAGHAT, DIST-SOLAN  
 HIMACHAL PRADESH-173234  
 GSTIN/UIN : URP  
 State Name : Himachal Pradesh, Code : 02

Buyer (Bill to)  
**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
 P.O. WAKNAGHAT, TEHSIL-KANDAGHAT, DIST-SOLAN  
 HIMACHAL PRADESH-173234  
 State Name : Himachal Pradesh, Code : 02

SI No.	Description of Goods	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate	per	Amount
63012	1 Led 9W Bollard Lights Cool White	94051010	2.00 Pcs	3,309.90	2,805.00	Pcs	5,610.00
	<b>Output- IGST SHORT &amp; EXCESS</b>						1,009.80 0.20
Total			2.00 Pcs				<b>₹ 6,620.00</b>

Amount Chargeable (in words) E. & O.E

**INR Six Thousand Six Hundred Twenty Only**

HSN/SAC	Taxable Value	IGST Rate	IGST Amount	Total Tax Amount
94051010	5,610.00	18%	1,009.80	1,009.80
Total	5,610.00		1,009.80	1,009.80

Tax Amount (in words) : **INR One Thousand Nine and Eighty paise Only**

Company's PAN : **AAMCS1440F**

**Declaration**

We declare that this invoice shows the actual price of the goods declared and that all particulars are true and correct.

for **SPINOFF TECHNOPARK PVT LTD**

Authorised Signatory

This is a Computer Generated Invoice



LED bulbs

7.1.2

## Tax Invoice

(ORIGINAL FOR RECIPIENT)

Disha Agencies (2023-24)  
 PLOT NO 453 PHASE-2 INDUSTRIAL  
 AREA, RAMDARBAR  
 0172-5088272, 2651272  
 GSTIN/UIN: 04AAEFD5475E1ZO  
 State Name: Chandigarh, Code: 04  
 E-Mail: SALES@DISHAAGENCIES.COM  
 Consignee (Ship to)

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
 P.O. WAKNAGHAT, TEH, KANDAGHAT, DISTT, SOLAN  
 PIN CODE-173234 (H.P) INDIA  
 MR UPENDER SINGH 7355399269  
 01792-239254, 245362

State Name: Himachal Pradesh, Code: 02

Buyer (Bill to)

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
 P.O. WAKNAGHAT, TEH, KANDAGHAT, DISTT, SOLAN  
 PIN CODE-173234 (H.P) INDIA  
 MR UPENDER SINGH 7355399269  
 01792-239254, 245362

State Name: Himachal Pradesh, Code: 02

Invoice No. <b>2023-24/11527</b>	Dated <b>12-Jan-24</b>
Delivery Note <b>PO NO. 0872/ 23-24</b>	Mode/Terms of Payment
Reference No. & Date.	Other References
Buyer's Order No.	Dated
Dispatch Doc No.	Delivery Note Date <b>2-Jan-24</b>
Dispatched through	Destination
Terms of Delivery	

Sl No	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc. %	Amount
1	CG LED LAMP 5 WATT E27 CDL 2 STAR- LED5WNESWB CDL	853952	18 %	150 PCS	55.00	PCS		8,250.00
	IGST - 18%						18 %	1,485.00
Total								
				150 PCS				₹ 9,735.00

Serial No. 11  
 Vehicle No. HP-134932  
 Material Store  
 Date 22/01/24  
 12-01-24  
 12-01-24

GRV No-692  
 12-01-24  
 12-01-24

Amount Chargeable (in words)	INR Nine Thousand Seven Hundred Thirty Five Only	HSN/SAC	Taxable Value	Integrated Tax Rate	Amount	Total Tax Amount
		853952	8,250.00	18%	1,485.00	1,485.00
Total			8,250.00		1,485.00	1,485.00

Tax Amount (in words) INR One Thousand Four Hundred Eighty Five Only  
 Company's PAN: AA EFD5475E

Declaration:  
 1. Goods once sold will not be taken back. 2. Interest @ 24% p.a. on payments not received within 30 days. 3. We do not own any responsibility after goods leave our premises.

For DISHA AGENCIES

Authorised Signatory

SUBJECT TO CHANDIGARH JURISDICTION

This is a Computer Generated Invoice

Partner

(99)



**Mob. 9417159572**  
**7837032939**

**Plot No. 433-A, Industrial Area, Phase-II, Chandigarh-160 002**

(10)

31

**Mob. 9417159572**  
**7837032939**

**Plot No. 433-A, Industrial Area, Phase-II, Chandigarh-160 002**

(11)





## Tax Invoice

(ORIGINAL FOR RECIPIENT)



**AI Nova Lighting**  
Plot No: 18, 12/6, Gurukul Indraprastha  
Industrial Area, Anangpur Road  
Sarai Khwaja Faridabad - 121 001  
GSTIN/UIN: 06AAOFA8767E124  
State Name : Haryana, Code : 06  
CIN: GSTIN:06AAOFA8767E124  
E-Mail : novaaccounts@yahoo.com

Invoice No. <b>AINLFGS0392425</b>	Dated <b>11-Jun-24</b>
Delivery Note	Mode/Terms of Payment
Reference No. & Date.	Other References
Buyer's Order No. <b>0113/24-25</b>	Dated <b>13-May-24</b>
Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination <b>WAKNAGHAT</b>
Terms of Delivery	

Consignee (Ship to)  
**Jaypee University of Info Technology**  
WAKNAGHAT, PO DUMEHAR BANI  
KANDAGHAT  
Dist SOLAN  
State Name : Himachal Pradesh, Code : 02

Buyer (Bill to)  
**Jaypee University of Info Technology**  
WAKNAGHAT, PO DUMEHAR BANI  
KANDAGHAT  
Dist SOLAN  
State Name : Himachal Pradesh, Code : 02

SI No.	Description of Goods and Services	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	NL-S416-12W-MLED-LED HEIGHT-600MM	94054090	18 %	2.00 NOS	4,890.60	NOS	9,781.20
	<b>FRIEGHT &amp; CARTAGE OUTWARD@18% IGST</b>	996531	18 %				<b>2,500.00</b> <b>2,210.62</b>
Total							<b>₹ 14,491.82</b>

Serial No. 02  
Vehicle No. BY Corrier  
Material Store  
Time 1220 Date 14-06-2024  
Check by Security Rakesh  
Warehousing

G.T.V. No. - 138  
14/06/24

14/06/24

Amount Chargeable(in words)

E &amp; O.E

Indian Rupees Fourteen Thousand Four Hundred Ninety One and Eighty Two paise Only

HSN/SAC	Taxable Value	IGST		Total Tax Amount
		Rate	Amount	
94054090	9,781.20	18%	1,760.62	1,760.62
996531	2,500.00	18%	450.00	450.00
Total	12,281.20		2,210.62	2,210.62

Tax Amount(in words) : Indian Rupees Two Thousand Two Hundred Ten and Sixty Two paise Only

Company's PAN : AAOFA8767E

## Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct

## TERMS &amp; CONDITIONS

- Our responsibility ceases once goods are handed over to the transporters.
- All over due bills shall attract interest @ 3% per month.
- please note that our company is SSI unit in MSME Act 2006 having Reg. no 0619001514 entitled for due payments within 30 days. All delayed payments shall attract interest as per Act 2006.



SUBJECT TO DELHI/DLH JURISDICTION

This is a Computer Generated Invoice



LED bulbs

7.1.2

ISTIN : 04ABUPG3177D1ZP

Original Copy

( This copy does not entitle the holder to claim Input Tax Credit )

## TAX INVOICE

## GLOBE ELECTRICALS

SHOP NO. 32, SECTOR 27 C, CHANDIGARH  
Tel. : 9356493368 email : globeelectricstore@yahoo.co.in

## Party Details :

AYPEE UNIVERSITY OF INFORMATION TECHNOLOGY  
HAKNAGHAT DIST SOLAN  
HIMACHAL PRADESHInvoice No. : 301-GE  
Dated : 27-06-2024  
Place of Supply : Himachal Pradesh (02)  
Reverse Charge : N  
GR/RR No. : UPENDER /27-06-2024  
Transport : BY HAND  
Vehicle No. :  
Station :  
E-Way Bill No. :STIN / UIN :  
O NO> :

N.	Description of Goods	HSN/SAC Code	Qty.	Unit	List Price	Discount	IGST Rate	IGST Amount	Amount(Rs.)
1.	LAMP S/T E-27	8539	250.000	Pcs.	50.00	0.00 %	18.00 %	2,250.00	14,750.00
2.	POWER HOLDER ( PORCLINE ) S/T, E-27	8536	33.000	Pcs.	27.00	0.00 %	18.00 %	160.38	1,051.38
Serial No. 10 Vehicle No. HP-13 4931 Material STORE Time 0815 Date 28/6/24 Checked by Security									15,801.38
Less : Rounded Off (-)									0.38
Grand Total									15,801.00

IGST Rate	Taxable Amt.	IGST Amt.	Total Tax
%	13,391.00	2,410.38	2,410.38

Rupees Fifteen Thousand Eight Hundred One Only

Bank Details: HDFC BANK LTD SECTOR 27 C CHANDIGARH  
A/C NO 59209356493368 IFSC HDFC0001324

## Terms &amp; Conditions

x O.E.

Goods once sold will not be taken back.  
Interest @ 24% p.a. will be charged if the payment  
not made within the stipulated time.  
Subject to 'Chandigarh' Jurisdiction only.

Receiver's Signature :

for GLOBE ELECTRICALS

Authorised Signatory

(14)

Phase -1

Power Efficient Equipment: Heat pump

JV - 2312000134

7.1.2

Heating Equip

2023-0

Invoice No: 01					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 05-09-2023					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Waknaghat, Solan, HP					Date of Supply: 05/09/2023			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Waknaghat, Kandaghat, Solan, HP - 173234					Address: PO: Waknaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Description	HSN/ SAC Code	Rate	GST %	IGST Amount (INR)	Item Rate with GST (INR)	Quantity / Lot	Total Amount (INR)
1	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 12A	8537	67501	18	12150.18	79651.18	1 Lot	79651.18
2	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block 12A	8481 8030	104400	18	18782	123192	1 Lot	123192
3	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 12B	8537	92776	18	16699.68	109475.68	1 Lot	109475.68
4	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block 12B	8481 8030	146000	18	26280	172280	1 Lot	172280
5	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 15A	8537	92134	18	16584.12	108718.12	1 Lot	108718.12
6	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge	8481 8030	165000	18	29700	194700	1 Lot	194700

Adreco Engineering Pvt. Ltd.  
Plot No. # 9, Industrial Area,  
Phase-2, Chandigarh-160002

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area,  
Phase 2, Chandigarh - 160002 1

Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com

(15)

# Power Efficient Equipment: Heat pump

7.1.2



	Block 15A							
7	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block 15B	8537	71236 Annex IV 5	18	12822.4 8	84058.4 8	1 Lot	84058.4 8
8	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block 15B	8481 8030	106000 Annex IV 4	18	19080	125080	1 Lot	125080
Grand Total with GST								997155.5
After round off								997156
Total Amount in Words: Nine Lakh Ninety Seven Thousand One Hundred Fifty Six Only								
Bank Details:								
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 1								
						<b>Adreco Engineering Pvt. Ltd.</b> <b>Plot No. # 9, Industrial Area,</b> <b>Phase-2, Chandigarh-160002</b>		
						For Adreco engineering Pvt Ltd		

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area, Phase 2, Chandigarh – 160002 2

Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com

(16)



## Power Efficient Equipment: Heat pump



Date: 07/09/2023

This is to inform you that Adreco engineering Pvt Ltd has also delivered below listed Plumbing materials with fittings at JUIT, Wagnaghat site for Heat Pump Installation. We could not generate bills as the payment's terms in on actual installed length.

1. CPVC Pipe (65 mm): 180 meters
2. CPVC Pipe (50 mm): 135 meters
3. CPVC Pipe (40 mm): 75 meters
4. CPVC Pipe (25 mm): 74 meters
5. Insulation Material: 469 meters
6. Brass fittings: 4 Lots

*failed*

**Adreco Engineering Pvt. Ltd.**  
**Plot No. # 9, Industrial Area,**  
**Phase-2, Chandigarh-160002**

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**Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area,**  
**Phase 2, Chandigarh – 160002 1**

Contact Us. 080-4114 4363/ 9916844503 [www.thestrener.com](http://www.thestrener.com)



# Power Efficient Equipment: Heat pump



7.1-2

Tax Invoice					OUR GSTIN: 04AAAYCA8951D1ZC			
Invoice No: 02					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Date: 28-09-2023					Date of Supply: 28/09/2023			
Place of Supply : Wahnaghat, Solan, HP					Ship to Party			
Bill to Party					Jaypee University of Information Technology			
Jaypee University of Information Technology					Address: PO: Wahnaghat, Kandaghat, Solan, HP - 173234			
Address: PO: Wahnaghat, Kandaghat, Solan, HP - 173234					GSTIN: URP			
Sl No	Item Description	HSN/ SAC Code	Rate	GS T Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Primary Circulation Pump, Make Grundfos Model: CM 15 -1	8413 7010	76000	18	13680	89680	2	179360
2	Primary Circulation Pump, Make Grundfos Model: CM 15 -2	8413 7010	89300	18	16074	105374	4	421496
3	Primary Circulation Pump, Make Grundfos Model: CM 25 -2	8413 7010	99750	18	17955	117705	2	235410
Grand Total with GST								836266
Total Amount in Words: Eight Lakh Thirty Six Thousand Two Hundred Sixty Six Only								
Bank Details:					Adreco Engineering Pvt. Ltd.			
Account No: 484505000027					Plot No. # 9, Industrial Area, Phase-2, Chandigarh-160002			
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 1					For Adreco engineering Pvt Ltd			

**Adreco Engineering Pvt. Ltd.**  
Plot No. # 9, Industrial Area,  
Phase-2, Chandigarh-160002

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area,  
Phase 2, Chandigarh - 160002 1  
Contact Us. 080-4114 4363/ 9916844503 www.chestrener.com

# Power Efficient Equipment: Heat pump



Invoice No: 04		OUR GSTIN: 04AAAYCA8951D1ZC	
Date: 18-10-2023		PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023	
Place of Supply : Wagnaghat, Solan, HP		Date of Supply: 18/10/2023	
Bill to Party		Ship to Party	
Jaypee University of Information Technology		Jaypee University of Information Technology	
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234		Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234	
GSTIN: URP		GSTIN: URP	

Sl. No	Item Description	HSN/SAC Code	Rate	Qty	GST Amount (INR)	Item Rate with GST (INR)	Net Amount (INR)	Total Amount (INR)
1	Primary Circulation Pump, Make Grundfos Model: <del>XXXXXXXXXX</del>	8413 7010	76000	18	13680	89680	538080	538080
2	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: <del>XXXXXXXXXX</del>	8418 6100	821545	18	147878.1	969423.1	3877692.4	3877692.4
3	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 71 kW	8418 6100	667500	18	120150	787650	787650	787650
Grand Total with GST							5203422.4	
Total Amount In Words: Fifty Two Lakh Sixty Three Thousand Four Hundred Twenty Two Only								
Bank Details:					<b>Adreco Engineering Pvt. Ltd.</b> Plot No. # 9, Industrial Area Phase-2, Chandigarh-160002  For Adreco engineering Pvt Ltd			
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 1								

Serial No. 02  
 Vehicle No. HPB28C-4210  
 Material Contactor  
 17-25 18-10-23

Verify  
 29/10/23

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area, Phase 2, Chandigarh - 160002 1  
 Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com



# Power Efficient Equipment: Heat pump



Invoice No: 05		OUR GSTIN: 04AAAYCA8951D1ZC	
Date: 18-10-2023		PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023	
Place of Supply: Wagnaghat, Solan, HP		Date of Supply: 18/10/2023	
Bill to Party		Ship to Party	
Jaypee University of Information Technology		Jaypee University of Information Technology	
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234		Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234	
GSTIN: URP		GSTIN: URP	

Sl No	Item Description	HSN/SAC Code	Rate	Qty	Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Primary Circulation Pump, Make Grundfos Model: GM 15-114	8413 7010	76000	18	13680	89680	2.2	358720
2	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 30.2 kW	8418 6100	821545	18	147878.1	969423.1	1	969423.1
3	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 71 kW	8418 6100	667500	18	120150	787650	2	1575300
4	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 88 kW	8418 6100	806545	18	145178.1	951723.1	2	1903446.2
Grand Total with GST								4806889.30

Total Amount in Words: Forty Eight Lakh Six Thousand Eight Hundred Eighty nine Only

Bank Details:	<b>Adreco Engineering Pvt Ltd</b> Plot No. #9, Industrial Area Phase-2, Chandigarh-160002 For Adreco engineering Pvt Ltd
Account No: 484505000027	
Bank Name: ICICI Bank	
IFSC Code: ICIC0004845	
Account Name: Adreco Engineering Private Limited	
Branch: Industrial Area Phase 1	

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area, Phase 2, Chandigarh - 160002

Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com

4806889.30 + 5203422.4 + 130  
10010312-00

JU-2312-000135

Power Efficient Equipment: Heat pump 7.1.2

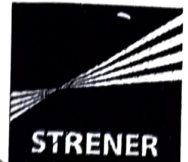


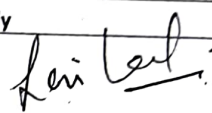
Tax Invoice									
Invoice No: 08					OUR GSTIN: 04AAAYCA8951D1ZC				
Date: 25-11-2023					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023				
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 05/09/2023				
Bill to Party					Ship to Party				
Jaypee University of Information Technology					Jaypee University of Information Technology				
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234				
GSTIN: URP					GSTIN: URP				
Sl. No	Item Description	HSN/SAC Code	Rate/RM	GST Rate(%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)	
1	Hostel Block 12A 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	2	1814.84	
2	Hostel Block 12A 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	25	32450	
3	Hostel Block 12A 65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	2151	18	387.18	2538.18	65	164981.7	
4	Hostel Block 12B 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	38	34481.96	
5	Hostel Block 12B 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	10	12980	
6	Hostel Block 12B 65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	2151	18	387.18	2538.18	68	172596.24	
7	Hostel Block 15A 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	6	5444.52	
8	Hostel Block 15A 50mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1688	18	303.84	1991.84	39	77681.76	

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area,  
Phase 2, Chandigarh - 160002 1  
Contact Us. 080-4114 4363/ 9916844503 www.thestrener.com



# Power Efficient Equipment: Heat pump



9	Hostel Block 15A 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	26	33748
10	Hostel Block 15B 65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	2151	18	387.18	2538.18	39	98989.0 2
11	Hostel Block 15B 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	25	32450
Grand Total with GST								667618. 04
Total Amount in Words: Six Lakh Sixty Seven Thousand Six Hundred Eighteen Only								
Bank Details:				 <b>Adreco Engineering Pvt. Ltd.</b> <b>Plot No. # 9, Industrial Area</b> <b>Phase-2, Chandigarh-160002</b>  <b>For Adreco engineering Pvt Ltd</b>				
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 1								

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area,  
Phase 2, Chandigarh – 160002 2  
Contact Us. 080-4114 4363/ 9916844503 [www.thestrener.com](http://www.thestrener.com)

Phase - II

11.11  
14A  
1113

Tax Invoice								
Invoice No: 12					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 12-12-2023					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 12/12/2023			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Discription	HSN/ SAC Code	Rate	GS T Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Qua ntity	Total Amount (INR)
1	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block H14A	8537	95000	18	17100	112100	1 Lot	112100
2	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block H14A	8481 8030	108444	18	19519.92	127963.92	1 Lot	127963.92
3	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block H14B	8537	74454	18	13401.72	87855.72	1 Lot	87855.72
4	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block H14B	8481 8030	103000	18	18540	121540	1 Lot	121540
5	Heat Pump Control Panel with Main Incomer, VMR, Multifunction meter, Indicators, Sector switch, Contactor, MCB, GI earthing strip and wire along with accessories, Electrical aluminum wire, Make L&T Block H11	8537	52463	18	9443.34	61906.34	1 Lot	61906.34
6	Heat Pump connection Accessories: NRV, Ball Valve, Y Stainer(Make: Zoloto/DRP), Electrical aluminum wire, Temperature Gauge Block H11	8481 8030	76000	18	13680	89680	1 Lot	89680

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area, Phase 2, Chandigarh - 160002 1

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# Power Efficient Equipment: Heat pump



7	Primary Pump Make Grundfos Model: CM 15 -1	8413 7010	76000	18	13680	89680	5 Nos	448400
8	Secondary Pump Make Grundfos Model: CM 15 -1	8413 7010	76000	18	13680	89680	4 Nos	358720
9	Secondary Pump Make Grundfos Model: CM 10 -1	8413 7010	40375	18	7267.5	47642.5	2 Nos	95285
10	Primary Pump Make Grundfos Model: CM 10 -1	8413 7010	40375	18	7267.5	47642.5	2 Nos	95285
Grand Total with GST								1598735.98
After round off								1598736

Total Amount in Words: Fifteen Lakh Ninety-Eight Thousand Seven Hundred Thirty-Six Only

Bank Details:	<b>Adreco Engineering Pvt. Ltd.</b> <b>Plot No. # 9, Industrial Area</b> <b>Phase-2, Chandigarh-160002</b>  <b>For Adreco engineering Pvt Ltd</b>
Account No: 484505000027	
Bank Name: ICICI Bank	
IFSC Code: ICIC0004845	
Account Name: Adreco Engineering Private Limited	
Branch: Industrial Area Phase 1	

Serial No ..... 01  
 Vehicle No ..... CH 01 0136  
 Material ..... Electrical  
 Time 1645 Date 12-12-23  
 Check By .....  
 V. S. Gupta





Tax Invoice								
Invoice No: 14					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 07-01-2024					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 07/01/2024			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Description	HSN/SAC Code	Rate	GS T Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 71 kW	8418 6100	667500	18	120150	787650	3	2362950
2	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 47 kW	8418 6100	501149	18	90206.82	591355.82	2	1182711.64
Total with GST								3545661.64
Total after Round off								3545662
Total Amount in Words: Thirty Five Lakh Forty Five Thousand Six Hundred Sixty Two Only								
Bank Details:					<b>Adreco Engineering Pvt. Ltd.</b> <b>Plot No. # 9, Industrial Area,</b> <b>Phase-2, Chandigarh-160002</b>			
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 2					For Adreco engineering Pvt Ltd			

Serial No ..... 01  
 Vehicle No ..... CH-01T-0931  
 Material ..... Store  
 Time 11:20 hrs Date 08/01/2024  
 Check by Security (Henry)  
 Wagnaghat



# Power Efficient Equipment: Heat pump

7.1.2

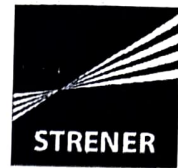


Tax Invoice								
Invoice No: 15					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 07-01-2024					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wahnaghat, Solan, HP					Date of Supply: 07/01/2024			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wahnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wahnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Description	HSN/SAC Code	Rate	GST Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Supply Installation and Commissioning of Air Source Heat Pump Water Heater along with microprocessor controller and necessary Fitting accessories, Capacity: 102 kW	8418 6100	806545	18	145178.1	951723.1	2	1903446.2
Total with GST								1903446.2
Total with Roundoff								1903446
Total Amount in Words: Nineteen Lakh Three Thousand Four Hundred Forty-Six Only								
Bank Details:					<b>Adreco Engineering Pvt. Ltd.</b> <b>Plot No. # 9, Industrial Area,</b> <b>Phase-2, Chandigarh-160002</b>			
Account No: 484505000027								
Bank Name: ICICI Bank								
IFSC Code: ICIC0004845								
Account Name: Adreco Engineering Private Limited								
Branch: Industrial Area Phase 2					For Adreco engineering Pvt Ltd			

Serial No ..... 02  
 Vehicle No ..... CH-01TAG652  
 Material ..... Store  
 Time 11:20 hrs Date 08/01/2024  
 Check by Security .....  
 Wahnaghat

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 Phase 2, Chandigarh – 160002 1  
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# Power Efficient Equipment: Heat pump





Tax Invoice								
Invoice No: 19					OUR GSTIN: 04AAYCA8951D1ZC			
Date: 23-01-2024					PO No: JUIT/PO/HP/48/66, PO date: 01/08/2023			
Place of Supply : Wagnaghat, Solan, HP					Date of Supply: 23/01/2023			
Bill to Party					Ship to Party			
Jaypee University of Information Technology					Jaypee University of Information Technology			
Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234					Address: PO: Wagnaghat, Kandaghat, Solan, HP - 173234			
GSTIN: URP					GSTIN: URP			
Sl No	Item Description	HSN / SAC Code	Rate/ RM	GST Rate (%)	IGST Amount (INR)	Item Rate with GST (INR)	Quantity	Total Amount (INR)
1	Hostel Block 11 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	731	18	131.58	862.58	2	1725.16
2	Hostel Block 11 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1045	18	188.1	1233.1	42	51790.2
3	Hostel Block 14A 50mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1688	18	303.84	1991.84	72	143412.48
4	Hostel Block 14A 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	9	8166.78
5	Hostel Block 14A 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	11	14278
6	Hostel Block 14B 65mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	2151	18	387.18	2538.18	43	109141.74
7	Hostel Block 14B 25mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	769	18	138.42	907.42	1	907.42
8	Hostel Block 14B 40mm dia. insulated CPVC piping with fittings like Tees, Bends, Sockets etc. Make: Supreme	3917 4000	1100	18	198	1298	24	31151

Adreco Engineering Pvt. Ltd. (Formerly Advance Resource Consultant), Plot # 9, Chandigarh Industrial Area, Phase 2, Chandigarh - 160002 1  
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## Power Efficient Equipment: Heat pump



		STRENER
Grand Total with GST		360572.8
Total after Round off		360573
Total Amount in Words: Three Lakh Sixty Thousand Five Hundred Seventy Three Only		
Bank Details:		 
Account No: 484505000027		
Bank Name: ICICI Bank		
IFSC Code: ICIC0004845		
Account Name: Adreco Engineering Private Limited		
Branch: Industrial Area Phase 1		For Adreco engineering Pvt Ltd





## Handing Over Certificate

### To whom it may concern

PO No: JUIT/POWAK/HP/48/66, Dated 01/08/ 2023

Date: 29/01/2024

We are hereby issuing this document in accordance to the completion and handing over of the Heat pump water heating project, Phase 2, to the concerned officials of JUIT, Wagnaghat, Solan, HP.

With reference to the PO, the work order for supply, installation, testing and commissioning of Air source Heat Pump hot Water generation Plant has been successfully completed in the presence of site engineer.

We hereby declare that below listed items has been supplied, tested, and commissioned at the site by our personal.

Serial No	Particulars	Specification/ Descriptions
1	Heat Pump	102 kW: 2 Units, 71 kW: 3 Units, 47 kW: 2 Units
2	Primary Circulation pump	Model: Grundfos 15 – 1: 5 units Model: Grundfos 10 – 1: 2 units
3	Secondary Circulation Pump	Model: Grundfos 15 – 1: 4 units Model: Grundfos 10 – 1: 2 units
4	Control Panel	3 Set
5	Accessories	3 Set
6	Plumbing	204 RM
7	Miscellaneous(optional)	

We are delighted to get business from you, and promise to deliver best quality solution and services to your prestigious University.

JUIT Site Engineer

Name and Designation: *Sanjeev Singh*  
Engineer

Signature with date: *[Signature]*  
29/01/24

*[Signature]*  
**Adreco Engineering Pvt. Ltd.**  
Plot No. # 9, Industrial Area  
Phase-2, Chandigarh-160002