Installation receipts & Purchase orders Related to Alternate sources of energy

7.1.3 Installation receipts and purchase orders related to alternate sources of energy

Index

Sr. No.	Sr. No. Documents	
1	Installation receipt and purchase orders of Solar	3-24
	power system	
2	Installation receipt – Invoice of Biogas plant	25-26

Installation Receipt and Purchase Orders Of Solar Power System

To,

Date: 30/09/2019

S.E. (NUC)

M.S.E.D.C.L, Link Road,

MSEB Station,

Nagpur 440022 (M.S.)

Subject: WORK COMPLETION REPORT.

Dear Sir,

We have installed 800 KWp Rooftop Grid Tie TATA Solar Power System at

 Site : M/S DEAN NKP SALVE INSTITUTE OF MEDICAL SCIENCE WARD NO.1, H. NO. 2183, POLICE NAGAR, DIGDOH HILLS,

HINGNA ROAD, NAGPUR - 440016 (M.S.).

2) Consumer Number: 430019003455

Kindly find the details as follows:

A. Details of the Solar PV Module

Module No.	TP 320 series- 72 cell multi-crystalline solar photovoltaic modules				
Name & Address Of manufacturer	Tata Power Solar System Ltd., Hosur Road, Bangalore.				
Capacity of each Module (Wp)	320 Wp				
No. of Modules	2504 Nos.				
Total Capacity (KWp)	801.280 Kwp				

B. Details of the Inverter

Name & Address Of the inverter Manufacturer	GOODWE & Hosur Road, Bangalore
Brand Name Of the inverter	GOODWE -Grid Tie Inverter
Model No.	GW5000 - DT
AC Capacity of individual inverter (KW)	12 Nos. of 60 KW &1 Nos. 20 kw
No. of inverter installed	13 Nos.

Total AC Capacity of inverter (KW)	740 KW			
Sr. No.	9060KMTS187R0188			
	9060KMTS196W0107			
	9060KMTS188R0019			
	9060KMTS196W0069			
	9060KMTS196W0138			
	9060KMTS188R0044			
	9060KMTS196W0146			
	9060KMTS187R0189			
	9060KMTS187R0205			
	9060KMTS188R0077			
	9060KMTS187R0198			
	9060KMTS188R0041			
	9020KDTU189R0031			

C. Details of DC Distribution Box

Make / Name of Manufacturer	Tata Power Solar System Ltd., Hosur Road, Bangalore.			
DC Surge Protection Device	3 Fuses / 1 SPD			
MCB & MCCB Quantity	NA			
Types / Item	3 IN/3 OUT			
Part No. / Item Code	7000011944			
Sr.No.	100019709-AJB-0818-01466			

D. Details of the DC Wiring

Make / Name of manufacturer	SIECHEM (UNICAB 1.8 KV)			
Size & Type	1C x 4 Sq. mm Solar DC Cable			

E. Details of the AC Wiring

Make / Name of manufacturer	POLYCAB / KEI
Size & Type	3.5C x 240 Sq. mm. EBXL XLPE PVC ST2 Cu. Flexible Cable

F. Details of the AC Distribution Box

Make / Name of Manufacturer	TATA POWER SOLAR
AC Surge Protection Device	CITEL / MCCB / ABB
MCB & RCCB Quantity & Capacity	SCHNEIDER/ABB/L&T

Size & Type	5 IN/1 OUT x 2 nos./ 630 MCCB x 2 nos 3 IN / 1 OUT x 1 nos. / 320 MCCB x 1 nos				
Part No./ Item Code	700000974				
Sr. No.	100019709-ACDB-1118-2353				

G. Details of Earthing

Earth Resistance	CHEMRODE Technology (JK 280)
Size of the Earth Wire & Rod	25 x 5 mm GI Strip & 17.2 mm diameter x 3 mtr
No. of Separate Earthing Points	20 Nos.

H. Details of Lighting Arresters

Make / Name of manufacturer	-
Quantity	2 Nos.

- I. Details of Caution Signage Provided
- J. Provision of manual and automatic switch: Yes
- K. G.P.S. Co-ordinates of the Renewable Energy System Installation
 - (i) Latitude: 21.101414 (ii) Longitude: 79.002784

I Certified that the above said renewable energy system was installed on 30/09/19 and the equipment used complies with the Technical & Safety standards as specified by the Discom under net metering program.

Thanking you,

Yours Faithfully,

FoFMS Advanced Solar Power Solutions
M/S ADVANCED SOLAR
POWER SOLUTIONS

TADTNES

PARTNER

*

N.K.P. Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital

Digdoh Hills, Hingna Road, Nagpur - 440 019

Phone (07104) 665000,244291, Fax:(07104) 306111 mail: nkpsims1@rediffmail.com/website: www.nkpsims.in

Date: - 2/Jan/2022

I) SOLAR ROOF TOP SYSTEM (PHOTOVOLTAIC SYSTEM).

We had installed 800 kwp solar power plant in name of DEAN NKP in year 2020. We installed another 800 kwp solar system in the name of VSPM and planed to installed another 400 kwp solar.

- 1). Total no. of units 2811842 generated by NKP from 2020 to Oct 2022.
- 2). Total Amount saving from 2020 to Oct 2022of Rs. 40253333.35/-.
- 3). Total no. of units 390800 generated by VSPM from May 2022 to Oct 202.
- 4). Total Amount saving from May 2022 to Oct 2022 of Rs. 6903336.76/-.

11) LED LIGHTING & ENERGY SAVING FAN'S.

We had installed LED lights in last year more than 5000 nos and we had installed 32 wattenergy saving ceiling fans in our campus. -300 Nos

IV) ENERGY SAVING 5 STAR A.C. AND INVERTER A.C.'s.

We had installed 3 star inverter AC in 21-22 is 300 Nos

Hemant Ghode J.E. (Electrical)

DIGDOH HILLSNAGPUR, MH-440 019

PURCHASE ORDER

Supplier Name & Address APS ENTERPRISES

30 , Vilas Nagar , khadgach road , Wadi . GST No. Z/AHK9L8416E128,Naggur-440023

Email : apsenterpriseswadi@gmail.com

Ph.No.:

Payment Term:

CREDIT

PO1801616

Note Sheet No. : RHTC KATOL

no volue at Secretary PO Date : 06-03-2019

Date 106-03-2019

10/0/1 Date : 20-10-2018 Supp. Ref. No. : PO1800903 (CST

Rate Contract No: PO1800903

Period From: 15-10-2018

Department: ELECTRIC DEPTT.

Sr. No.	Code	HSN Code	Description	Qty.	UOM	Rate	Disc.	CGST % Amt.	SGST	Net Amount
	002396	94051090	TUBE FITTING [20W T-5 LED] SATTEN TYPE FITTING Make - Wipro FOR , RHTC KATOL	39.00	Nos	241,07		6,00 433.93	6:00 433.93	8,039.96
				¥						
101					7/7	Total:	(N)	133.93	433.93	8,099.96

Amount in words: Rs. Eight Thousand Ninety-nine And Paise Ninety-six Only.

TERMS & CONDITIONS :-

- 1. Delivery Period: 5 Days from the date of order, in the event of late delivery of instrument, the purchaser will recover from the supplier by the way penalty, a sum of equal to Rs. 0.5% of the price of the equipment deliver late per week. Calculated from the next day after the agreed delivery period is over
- 2. Fright & carting F.C.R. Lata Mangeskar Hospital Digdon Nagpur
- 3. Payment Terms 30 days from the receipt of Bill
- 4. Taxes: As indicated.
- 5. 3 Year Warranty from the date of Supply.
- 6. Supplier should quote PO Number Reference on their Bills.
- 7. Supplier will only submit the bill after complete delivery of the order.
- 8. Part Supply will not be accepted.
- 9. Any changes are required in PO to be intimated in writing within 8 days.

Purchase Officer

DEAN/C.O.O./C.E.O./M.S.

Chairman

DIGDOH HILLSNAGPUR, MH 440 019

PURCHASE ORDER

Supplier Name & Address APS ENTERPRISES

PO No Note Sheet No

P01800903 6687/1203/6731/6709/ 6729-

FO Date 17, 10-2018 Date: 25-10-2018

39 , Vilas Nagar , khadgaon road , Wadi . GST No. 27AHKPL8416E128,Nagpur-440023

HALL VIEW (CST NO.

Date 11 10-2018

Email: apsenterpriseswadi@gmail.com

Rate Contract No: HALL VIEW (CST NO. 1814)

9096404897

Period From: 15-10-2018

To: 14-10-01

Payment Term: CREDIT

Department : ELECTRIC DEPTT.

No.	Code		Description	Qty.	иом	Rate	Disc. % Amt.	CGST % Amt.	SGST	Nat Amount
7	1817.396	94051090	TUBE FITTING (20W T-5	250.00	Nos	, 241.07		6.00	(1.00	17,190 10
			BATTEN TYPE FITTING Make Wipto (1 YEAR WARRANIY) FOR , EFFCTHICAL MAINTANACE 150 NO'S Z KANCHANGANGA 30 NO'S 3 VINDYACHAL MESS: 34 NO'S 4 RETAIL PHARMACY - 36	46				3,616.05	3,616.05	4
2	007020		25-30WATT FLOOD	3.00	Nes	1,460,00		6.00	6:00 262.86	1, 15 10 6
-	٠	1	Make :- Wipro (1 Year Warranty) FOR , RETAIL PHARMACY			-		262.80 y	207.80	
3	002240	1	EXHAUST FAN 18"	111.00	Nos	,3.660.00		9.00	9.00	47,506 30 (
		P	METAL BODY Make: Crompton (1 Year warranty) OR, 1 OR, 1 ANN-HANGANGA - 3 NO'S - VINDYACHAL HOSTEL NO'S 3-RETAIL HARMACY 1 NO					3,623.40	3,623.40	
	197071	1	Make Crompton (1 Year	1 400 0	Vos	2,735.00		6.00 656.40	655.40	2, 32 00
0	M6N/4		PIKE GUARD	11.00		<				
			Make - Anchor OR , OPHIHOLMOLOGY	12.30	KCIS.	7280 00		25.20	9.00 25.20	30 113 (
									1	
								į		
1	-	-			1		- 1			

Amount in words: Rs. One Lakh Thirty-two Thousand Four Hundred Ninety-five And Paise Twenty Only.

Ferms & Conditions :-

- 1, Delivery Period: 5 Days from the date of order, in the event of late delivery of instrument, the purchases will recover from the supplier by the way penalty, a sum of equal to Rs. 0.5% of the price of the equipment deliver la e per week. Calculated from the next day after the agreed delivery period is over 2. Fright & earting Extra(2) 3011-2 18 7. 6.57. Ext. 1986.
- 3. Payment Terms :- 30 days from the receipt of Bill.
- 4. Taxes: GST as above
- 5. Warranty :- As above mentioned in Items .
- 6. Supplier should quote PO Number Reference on their Bills.
- 7 Supplier will only submit the bill after complete delivery of the order.
- 8. Part Supply will not be accepted.
- . 9. Any changes are required in PO to be intimated in writing within 8 days.

JE. Engineer (Elect. Dept

Total: 00

1,32,495.20 %

Officer H

NIBIRS

DIGDOH HILLSNAGPUR, MH-440 019

PO. No.

Note Sheet No.

Supp.Ref.No.

PURCHASE ORDER

iupplier Name & Address

ADVANCED SOLAR POWER SOLUTIONS

Shop No.1, R. P. Agarwal Estate, 1st Floor, Amravati Road, Wadi, Nagpur-440023 Mob. No. 9890367632 Email ID:advancedsps@gamail.com GST NO.

27ABGFA0416M1ZJ, Nagpur, Maharashtra-440023

Email :

Ph.No.:

Payment Term :.

M:

05% ADVANCE

9890367632

Rate Contract No:

Period From:

:PQ1801627

: Approved in

Pur.Committee

PO Date: 08-03-2019

To:

Date: 08-03-2019

Date: 08-03-2019

Department: L.M.H. DIGDOH

:6784

Note: Please supply the following against this order in accordance with the terms and conditions stated below.

Sr. No.		HSN Code	Description	Qty.	иом	Rate	Disc. % Amt.	CGST % Amt.	SGST % Amt.	Net Amount
1	005444		SOLAR GRID TIE SYSTEM (TATA SOLAR) - 01	210.00	KWP	39,300.00		2.50	2.50 2,06,325	86,65,650.00
			Make- TATA POWER SOLAR					2,06,325.	.00	
2	007605		Solar GRID TIE SYSTEMS (TATA SOLAR)- 02	90.00	KWP	39,300.00		9.00	9.00 3,18,330	41,73,660.00
,			MAKE-TATA POWER SOLAR TOTAL 300kWp with Technical Specification Attached.					3,18,330.	.00	
				-						
						-				
			11	818						
						Total :	00	5,24,655.0	5 24 655 0	1,28,39,310.0

Amount in words: Rs. One Caror Twenty-eight Lakh Thirty-nine Thousand Three Hundred Ten Only.

1	O & M / AMC Rate Rs. 250/- Kwp for one month (W/O Cleaning) & Ins. Is on NKPSIMS.
2	AMC Charges for 300 Kwp systems is Rs. 75000/- per annum.
3	Guaranteed Power Generation Unit per year (in 420000 units)
4	PBG for the Guaranteed Power Generation (in Rs. 420000/-)
5	Warranty of System- 05 Years
6	Performance warranty for modules- 25 years
7	Inverter Warranty - 10 Years
8	Inverter Make- Owatt /Goodwee
9 .	Project Completion period- 03-04 Month
10	There will be a decrease in performance/power generation by 0.7% to 01% on an average.

- 11 | Changes in existing CT & Energy meter (Including)
- 12 Solar Synchronization with grid (Including)
- 13 Solar Synchronization with DG (Including)

Technical Details:

Bill of Materials: 300 kWp Solar Grid Tie System

Sr. No	Item	Description	Qty	Unit	Make	Scop	
1	Solar PV Modules	TP 300 - 350 Wp multicrystalline Silicon Type With Tolerance: 0 to +2.5% and 1.2 Mtr Cable length, Equipped with Bypass Diodes & lp 65 junction Box, Configured with RFID Tags, IEC Certified 61215, 61731.61701.	As per Actual	Nos	Tata Power Solar	TPS	
2	Solar Inverters	Grid Interactive Solar Inverter (415 V 50 kw, AC, 50Hz, MPPT) Transformer less	05	Nos	TPS Approved (Growatt/ Goodwe)	TPS	

- 01 .Wind speed considered 110 KMPH as per IS 875.
- 02. Panel mounting structure Galvanized /epoxy coated/ silver paint. For sheet proof installations roof penetration shall be carried out to mount the solar PV modules.
- 03. Earthing up to Inverter panel.

04.Existing cable trays & cable trench for evacuation at site if any shall be used for cable laying and routing.

F. Terms & Conditions:

- l **DEMAND CHARGES:** Demand charges and other taxes form DISCOMS will exist. For Grid connect to LT voltage. HT connect may require additional transformer (not included in price).
- PRICE: The price quoted in this Proposal is inclusive of design (Annexure attached), manufacturing, sourcing, testing, supply, installation & commissioning, as per the bill of materials & ratings submitted by ASPS along with the final offer. The price quoted is CIF site and is firm. The price is exclusive of any annual maintenance charges or comprehensive maintenance charges or operation & maintenance charges.

03 PAYMENT TERMS:

The payment terms applicable are as follows:

- a. 5% of total order value at the time of order finalization.
- b. 45% of total order value at the time of confirmation of production schedule/processing of net-metering application with Discom.
- c. 45% of total order value on readiness of material and before dispatch.
- d. 5% of total order value on work completion of order.
- 04 TAXES, DUTIES AND RATES: Billing of the system is considered from Nagpur. In case of any changes GST will be charged at actual. Any variation in taxes & duties by statutory notification by the Government shall be applicable at the time of execution. Any octroi or entry tax levied by local governments, shall be paid extra at actual by Customer.
- 05. DELIVERY & HANDOVER: ASPS shall complete the project in (03-04 month) from date of order placement, payment of advance and acceptance of order by ASPS, or as mutually agreed between the ries in the Agreement. Project shall be deemed to have been handed over to Customer by ASPS, on issioning of the solar power plant.

- d6. DEEMED EXPORT OF POWER: The Project shall be termed as commissioned when ASPS evacuates the power generated to Customer grid.
- 07. WARRANTY: The solar power plant carries a five (5) years' warranty against any manufacturing defects, as per existing warranty policy of TATA Power Solar. Solar photovoltaic modules carry a limited power performance warranty: 80% power output at the end of twenty five (25) years as per existing warranty policy of TATA Power Solar. Any such warranties are subject to the terms and conditions explained in details in the respective warranty policies. ASPS shall give the bank guaranty or security deposit of generation guaranty and system warranty for 05 years.
- 08. ARBITRATION: any dispute, including claims seeking redress or asserting rights under applicable law shall be resolve and finally settled in accordance with the provisions of the arbitration and conciliation ACT, 1996 as may be amended from time to time or its reenactment. The arbitral tribunal shall be compose of two arbitrators to be appointed by each of the parties and the third arbitrator shall appointed by the arbitrators appointed by the parties and for such arbitration, the seat for arbitration shall be Nagpur, India. All proceedings of arbitration shall be held in English.

09. In the event of any dispute arising between the parties here to, in respect of the matters connected or related to this deal, the parties here to agree that the courts at Nagpur shall have exclusive jurisdiction.

10. ASPS shall coordinate and execute all the hasioning works related to subsidy as per MEDA regulation.

Purchase Officer HEAD

DEAN/C.O.O./C.E.O./M.S.

Chairman

DIGDOH HILLSNAGPUR, MH-440 019

PURCHASE ORDER

Supplier Name & Address

ADVANCED SOLAR POWER SOLUTIONS

Shop No.1, R. P. Agarwal Estate, 1st Floor, Amravati Road, Wadi, Nagpur-440023 Mob. No. 9890367632 Email ID:-advancedsps@gamail.com GST NO.

Payment Term: 05% Advance

27ABGFA0416M1ZJ, Nagpur, Maharashtra-440023

Email:

Ph.No.:

M: 9890367632

Rate Contract No:

Period From :

Supp.Ref.No.

: PO1801626

: Approved in Pur.Committee

Note Sheet No. : 6784

To:

PO Date: 08-03-2019

Date: 27-10-2018

Date: 08-03-2019

Department: L.M.H. DIGDOH

Note: Please supply the following against this order in accordance with the terms and conditions stated below.

Sr. No.	Code	HSN Code	Description	Qty.	иом	Rate	Disc. % Amt.	CGST % Amt.	SGST % Amt.	Net Amount
1	005444		SOLAR GRID TIE SYSTEM (TATA SOLAR) - 01 Make- TATA POWER	350.00	KWP	39,300.00		2.50 3,43,875.	2.50 3,43,875 .00	1,44,42,750.00
2	007605		SOLAR Solar GRID TIE SYSTEMS (TATA SOLAR)- 02	150.00	KWP	39,300.00		9.00	9.00 5,30,550	69,56,100.00
4			Make- TATA POWAR SOLAR Total 500 kWp Solar Systems Technical Specification Attached.					5,30,550.	.00	
4										
		-								
	49.			-						
			<u> </u>			Total :	.00	8,74,425.0	8.74.425.0	2,13,98,850.0

runt in words: Rs. Two Caror Thirteen Lakh Ninety-eight Thousand Eight Hundred Fifty Only.

1	O & M / AMC Rate Rs. 250/- Kwp for one month (W/O Cleaning) & Ins. Is on NKPSIMS.
2	AMC Charges for 500 Kwp systems is Rs. 125000/- per annum.
3	Guaranteed Power Generation Unit per year (in 700000 units)
4	PBG for the Guaranteed Power Generation (in Rs. 700000/-)
5	Warranty of System- 05 Years
6	Performance warranty for modules- 25 years
7	Inverter Warranty - 10 Years
8	Inverter Make- Growatt /Goodwe
9	Project Completion period- 03-04 Month

10	There will be a decrease in performance/power generation by 0.7% to 01% on an average.
11	Changes in existing CT & Energy meter (Including)
12	Solar Synchronization with grid (Including)
13	Solar Synchronization with DG (Including)

Technical Details:

Bill of Materials: 500 kWp Solar Grid Tie System

Sr. No	Item	Description	Qty	Unit	Make	Scor
1	Solar PV Modules	TP 300 - 350 Wp multicrystalline Silicon Type With Tolerance: 0 to +2.5% and 1.2 Mtr Cable length, Equipped with Bypass Diodes & lp 65 junction Box, Configured with RFID Tags, IEC Certified 61215, 61731.61701.	As per Actual	Nos	Tata Power Solar	TPS
2	Solar Inverters	Grid Interactive Solar Inverter (415 V 50 kw, AC, 50Hz, MPPT) Transformer less	10	Nos	TPS Approved (Growatt/ Goodwe)	TPS
3	Earthing kit	EARTHING, SUPER EARTHING KIT - 1G635 Along With Accessories (Maintenance Free Earthing) Lightening Arrestor With 2 Structure Clamp	01	Set	TPS Approved	TPS
4	Installation Kit	Cables & accessories & DCAC distribution board, available at site	01	Set	TPS Approved	TPS

- 01. Wind speed considered 110 KMPH as per IS 875.
- 02. Panel mounting structure Galvanized /epoxy coated/ silver paint. For sheet proof installations roof penetration shall be carried out to mount the solar PV modules.
- 03. Earthing up to Inverter panel.
- 04. Existing cable trays & cable trench for evacuation at site if any shall be used for cable laying and routing.

F. Terms & Conditions:

- 1) **DEMAND CHARGES:** Demand charges and other taxes form DISCOMS will exist. For Grid connect to LT voltage. HT connect may require additional transformer (not included in price).
- 2) PRICE: The price quoted in this Proposal is inclusive of design (Annexure attached), manufacturing, sourcing, testing, supply, installation & commissioning, as per the bill of materials & ratings submitted by ASPS along with the final offer. The price quoted is CIF site and is firm. The price is exclusive of any annual maintenance charges or comprehensive maintenance charges or operation & maintenance charges.

3) PAYMENT TERMS:

The payment terms applicable are as follows:

- a. 5% of total order value at the time of order finalization.
- b. 45% of total order value at the time of confirmation of production schedule/processing of net-metering application with Discom.
- c. 45% of total order value on readiness of material and before dispatch.
- d. 5% of total order value on work completion of order.
- 4) TAXES, DUTIES AND RATES: Billing of the system is considered from Nagpur. In case of any changes GST will be charged at actual. Any variation in taxes & duties by statutory notification by the

Continue

ament shall be applicable at the time of execution. Any octroi or entry tax levied by local rernments, shall be paid extra at actual by Customer.

- 05) DELIVERY & HANDOVER: ASPS shall complete the project in (03-04 month) from date of order placement, payment of advance and acceptance of order by ASPS, or as mutually agreed between the parties in the Agreement. Project shall be deemed to have been handed over to Customer by ASPS, on commissioning of the solar power plant.
- 06) DEEMED EXPORT OF POWER: The Project shall be termed as commissioned when ASPS evacuates the power generated to Customer grid.
- 07) WARRANTY: The solar power plant carries a five (5) years' warranty against any manufacturing defects, as per existing warranty policy of TATA Power Solar. Solar photovoltaic modules carry a limited power performance warranty: 80% power output at the end of twenty five (25) years as per existing warranty policy of TATA Power Solar. Any such warranties are subject to the terms and conditions explained in details in the respective warranty policies. ASPS shall give the bank guaranty or security deposit of generation guaranty and system warranty for 05 years.
- 08) ARBITRATION: any dispute, including claims seeking redress or asserting rights under applicable law shall be resolve and finally settled in accordance with the provisions of the arbitration and conciliation ACT, 1996 as may be amended from time to time or its reenactment. The arbitral tribunal shall be compose of two arbitrators to be appointed by each of the parties and the third arbitrator shall appointed by the arbitrators appointed by the parties and for such arbitration, the seat for arbitration shall be Nagpur, India. All proceedings of arbitration shall be held in English.
- 09) In the event of any dispute arising between the parties here to, in respect of the matters connected or related to this deal, the parties here to agree that the courts at Nagpur shall have exclusive jurisdiction.

10) ASPS shall coordinate and execute all the liasioning works related to subsidy as per MEDA regulation.

Purchase 6

DEAN/C.O.O./C.E.O./M.S.

DIGDOH HILLSNAGPUR, MH-440 019

PURCHASE ORDER

Supplier Name & Address

APS ENTERPRISES

39 , Vilas Nagar , khadgaon road , Wadi . GST No.

27AHKPL8416E1Z8,Nagpur-440023

Email: apsenterpriseswadi@gmail.com

Ph.No.:

M: 9096404897

:P01900773 PO. No.

Note Sheet No. : STORE STOCK

Supp.Ref.No. : RPO1900484

PO Date: 10-08-2019 Date: 10-08-2019

Date: 26-06-2019

Rate Contract No:

Period From :

To:

Payment Term:

CREDIT

Department: ELECTRIC DEPTT.

Note: Please supply the following against this order in accordance with the terms and conditions stated below.

Sr. No.	Code	HSN Code	Description	Qty.	иом	Rate	Disc. % Amt.	CGST % Amt.	SGST % Amt.	Net Amoun
1	002396	94051090	TUBE FITTING [20W T-5 LED] HSN CODE: 94051090 Batten Type fitting Make: Wipro for Electrical maintenance material	286.00	Nos	241.07		6.00 4,136.76	6.00 4,136.76	77,219.54
						Total :	00	4,136.76	4,136.76	77,219.54

Amount in words: Rs. Seventy-seven Thousand Two Hundred Nineteen And Paise Fifty-four Only.

- 1. Delivery Period: Days from the date of order, in the event of late delivery of instrument, the purchaser will recover from the supplier by the way penalty, a sum of equal to Rs. 0.5% of the price of the equipment deliver late per week. Calculated from the next day after the agreed delivery period is over
- 2. Fright & carting F.O.R. Lata Mangeskar Hospital Digdoh Nagpur
- 4. Payment Terms:30 Days from the Date of bill.
- 5. Taxes: As indicated.
- 7. Warranty conditions: Three year from the date of Bill.
- 8. Original Bill to be submitted along with DM and Material to the receiving
- officer and to keep acknowledged copy of the same to be kept for future reference.
- 9. Mandatory
- A. Supplier should quote PO Number Reference on their Bills.
- B. Supplier will only submit the bill after complete delivery of the order.
- C. Part Supply will not be accepted.
- D. Any changes are required in PO to be intimated in writing within 8 days.

Note:- (Central Stores timing Mon to Fri :-10am to 4pm, Saturday 10 am to 1 pm, Sunday off

Telephone No. 07,104-665040/39)

DEAN/CIO.O./C.E.O./M.S.

Secretary

Chairman

RAM GANESH POWER CO. LTD

27/08/21

0.00

0.00

33802560.00

C/o Lata Mangeshkar Hospital, 5, YMCA Complex, Sitabuldi, Nagpur-440001 PH: (0712) 2526123 Fax: (0712) 2567531

Po-691

PURCHASE ORDER

Supplier Name

ADVANCED GREEN POWER SYSTEMS

PO No.

Supplier Address

Shop No.1, R. P. Agarwal Estate, 1st Floor, Amravati Road, Wadi, Nagpur-440023

PO Date

12/08/2021

Supplier Phone

9890367632

PO Status

Supplier eMail ID

advancedsps@gmail.com

Indent No

GSTIN No.

27ABQFA6862P1ZH

Hosp. DL No

CD(0413)15,R,W.

Manual indent no

274

Location/Main Store

NKP SALVE INSTITUTE OF MEDICAL SCIENCE

HOSTEL AREA

Dept/Sub-store

Part A

0	item Name	ite m Cod	HSN Code	Ite m Un it	Qty	Fr.Q ty	Rate	MRP	Disc. %	Amount	CGST %	CGST Amt	SGS T %	SGST Amt	IGS T %	Amt	Total Amount
	SOLAR GRID TE SYSTEM (TATA SOLAR) - 01 ((TATA POWER SOLUTION))	005444	04022990	KWP (1x1)	800.00	0.00	27160.00	0.00	0.00	21728000.00	2.50			54320.00			22814400.00
	SOLET GRID TIE SYSTEMS (TATA SOLAR)- 02 ((TATA POWER SOLUTION))	007605	04022990	(1x1)	800.00	0.00	11640.00	0.00	0.00	9312000.00	9.00	838080.00	9.00	838080.00	0.00	0.00	10988160.00

Item Charge(s)

Charge	Amount
CGST 2.50 %	543200.00
9.00 %	838080.00
SGST 2.50 %	543200.00
SGST 9.00 %	838080.00
Total CST Amt	2762560.00

Total Discount Round Off Amt

Net Amount

Part B Please include here the CMC with cleaning

RAM GANESH POWER CO. LTD

C/o Lata Mangeshkar Hospital, 5, YMCA Complex, Sitabuldi, Nagpur-440001 PH: (0712) 2526123 Fax: (0712) 2567531

Detailed Description

S.N.	Details	Ad. G.P.System (TATA Solar Power)
1	Proposed S.R.T. System in KWp for Grid Connected	800 Kwp
2	Quotataed rate per Kwb(Excluding GST)	40400
3	Installation Testing and Commisioning	Inclusive
4	Quotated rate per KWp (Excluding GST)	40400
5	Total Amout of 800 KWp System with out GST	32320000
6	GST on supplies of the Project Cost (70%)	32.22.0000
7	GST on installation Testing and Commissioning(30%)	8.90%
8	GST on tatal Amount	2076400
9	Total Amount of 800 KWp System with GST	2876480
10	Negotiated Rate per KWp without GST extra (Including Installation)	35196480 38800
11	Negotiated total amount for 800 Kwp System	2404000
12	GST on total Negotiated Amount	31040000
13	Total Amount of 800 KWp System(GST Inclu.)	2762560
14	Charges for netmetering approval	33802560
15	Changes in exiting CT	Inclusive
16	Changes in Energy Meters	Inclusive
17	Solar Synchronization with grid	Inclusive
18	Transportation Charges Rs	Inclusive
19	MSEB Expenses Rs	Inclusive
20	Net Metering Charges Rs	Inclusive
21	Negotiated Grand Total Amount of 800 Kwp System	Inclusive
	CMC Rate per Kw without GST for 5 Years(Starting from 2nd Year	33802560
22	of Installation) in Rs	1000 without Cleaning 2000 with Cleaning
23	CMC Charges for 800 kWp System(without GST)	Rs. 1,60,000 /- without Cleaning / Rs. 3,20,000 /- with Cleaning per Annum with payment will be quarterly basis after satisfactory report from user department. (Rs. 200/- and Rs. 400/- per kWp per year. The prices mentioned here is for 5 years.)
24A	Guaranteed Power Generation units per year	1109513.15
24B		If the solar power generation is below the power generation guarantee, then the los of generation will be recovered at the current rate of M.S.D.C.L. energy rate, for the amount will be deducted from the P.G.B. amount
25	PBG for the guarantee Power Generation (In Rs) (Initial Security deposit (Performance Security Deposit)	5% of the Part A & Part B (5% of the contract value (Part A & Part B of Price Bid) is the form of an initial Performance security deposit. This security deposit can be submitted as a Bank Guarantee (BG) and it shall be kept up to completion of 06 year from the successful handing over of the project to the Ram Ganesh Power Co. Ltd Nagpur.)
26	Bank Guarantee for years (BPG)	6Yrs'
27	Make of Module	Tata Solar 440 W
28	Warranty of the system for PV modules	10
29	Performance Warranty for PV modules	25
30	Make of the Inverter	Solis/ Delta
31	Inverter Warranty	5+5 Extended Warranty
32	DC & AC Cables	As per Tata Solar Design and Standards
33	ACDB and Panels for connecting Solar Power to MSEB incoming	Inclusive
34	Lightening Attesters	As per Tata Solar Design and Standards
35	Earthing	As per Tata Solar Design and Standards
36	Monitoring System	
37	Warranty of the system from	As per Tata Solar Design and Standards
38	Security deposit for defect liability	As per mentioned in Tender document 5% of the cost of work (Final Bill amount excluding taxes) will be deducted and ke with the Ram Ganesh Power Co. Ltd. Nagpur till the defect liability period (12 month
		Is over. Retention money can be refunded within 14 days after the end of the defe liability period provided the contractor has attended to all defects
39	Time allowed for completion:	90 days from the date of work order.
40	~ ~·	It is mandatory for the solar installation company to use the existing solar panel mount poles available in the institute. The cost of used structure as per the market rate at time will be recovered from solar installation company.

RAM GANESH POWER CO. LTD

C/o Lata Mangeshkar Hospital, 5, YMCA Complex, Sitabuldi, Nagpur-440001 PH: (0712) 2526123 Fax: (0712) 2567531

Date of Commencement

Within 7th day from the date of issue of Letter of Intent / Detailed Word Order
/ Tender acceptance Letter, whichever is earlier

Payment and Term(s)

1	30% of the ordered value will be paid as advance (Part A of price bid) after the technical specification and terms and conditions specified in the contract are duly certified by the concerned officer of the Ram Ganesh Power Co. Ltd. Nagpur., appointed Consultant and permissions of authorities authorities
2	50% of the ordered value will be paid (Part A of price bid) against delivery of all 800 Kw Solar Power Plant systems and accessories for installation and commissioning of the system. Payment will be made after checking of all the systems and accessories as per the specifications by the concerned officer of the Ram Ganesh Power Co. Ltd. Nagpur., appointed Consultant. If any systems not found as pet the specifications and standards the Payment will not be released.
3	15% of the order value (Part A of price bid) shall be released on completion of a satisfactory performance observation period of 3 Months (90days) from date of commissioning
4	5% of the order value (Part A of price bid) for Defect Liability Period of 12 Months from date of Commissioning.
5	The payment of CMC (Compressive maintenance Contract) shall be released against quoted CMC charges as per Price Bid (Part B) on annual basis at the end of every six months respectively for five years (from 2nd year) on satisfactory performance and timely
6	If the project completion duration exceed beyond 90 days from the date of commencement of work or date of the extent to make the project commencement of work or date of the extent to make the project control of the commencement of the project control o
7	Five Years Comprehensive Maintenance Contract (CMC): The 5 years Comprehensive maintenance (not it and year of should ensure the long term sustainability of the system. The bidder must provide his representative's name, full address, mobile number and photographs to Ram Ganesh Power Co. Ltd. Nagpur.as well as the names and contact details of all technicians must also be
8	Advanced Green Power System Tata solar Power Dealer has to pay all Government VAT, GST, Sales-Tax (State & Central), GST, Sales-Tax (State & C
9	Any liability arising on Ram Ganesh Power Co. Ltd. Nagpur., shall be deducted from the bill of the Contractor and if the full arribulit is not recovered then the same shall be recovered from the performance security deposit of THE CONTRACTOR. There would be no liabilities to work on a THE CONTRACTOR by the Ram Ganesh Power Co. Ltd. Nagpur.
10	The contractor has to give minimum annual power generation Guarantee stated in tender as per average irradiance profile of Nagyon city. It is complete responsibility of the Contractor to ensure the system running to meet the Solar power generation if the annual generation is a solar power generation by the contractor will have to pay @ 13/s per KWH as a compensation towards the generation loss.
11	In case, the party is failed to submit monthly report, it will be presumed that no CMC work has been carried out at site and accordingly,
12	In case of any delay in attending the complaint, penalty @ 1% of the CMC cost shall be applicable per week or part thereof restricted up to the affected generation loss @ 13/- per KWH whichever is higher for the delay in action beyond 15 working days of breakdown of the plant. However, no penalty shall be applicable when the reason for delay is beyond the control of the contractor and the same will be instituted to Rem Ganash Power Co. Ltd. Naggur.
13	In order to maximize the generation of the power and maintaining the plant in good condition, proper cleaning work of Solar modules is essential which shall be done on regular basis i.e. twice in a month. Due care has to be taken while cleaning the solar modules which should be cleaned thoroughly and gently using sufficient water and soft wiper.
14	There will be a degradation of Approximately 1% to 0.7% on the generation from Year on Year.
15	The contractor shall present the programme and status at various review meetings as required.
16	Total erection works and material item supplies should be carried out as per applicable latest CE, IS, IEC & IEEE standards / codes with solar grade with appropriate protections.
17	Approval of Ram Ganesh Power Co. Ltd. Nagpur. AND CONSULTANT should be obtained on designed drawing before executions
18	Total system including all hardware components and workmanship except PV modules shall carry comprehensive on-site warranty for a period of five years from the second year, whereas, the PV modules shall carry performance guarantee for a period of 25 years from
	the date of commissioning.

PURCHASE HEAD

(A&F)

Ju. ACP PC

0

िश्वाकः वर्ष विश्व

WAM ACADEMY OF HIGHER EDUCATION

5, Y.M.C.A, Complex, Sitabuldi, NAGPUR, MH-440 001

Phone: 07104-665000 Email: purchase@vspmahe.in, purchase@nkpsims.in

GSTIN No.

PURCHASE ORDER

Supplier Name

ADVANCED GREEN POWER SYSTEMS

PO No.

20-21/338

Supplier Address

Shop No.1, R. P. Agarwal Estate, 1st Floor, Amravati Road, Wadi, Nagpur-440023

PO Date

31/08/2020

Supplier Phone

: 9890367632

PO Status

PO Unauthorized

Supplier eMail ID

advancedsps@gamail.com

Indent No

Hosp. DI. No.

: CD(0413)15,R,W.

Dept/Sub-store

27ABQFA6862P1ZH

Location/wain Store

NKP SALVE INSTITUTE OF MEDICAL SCIENCE

Manual indent no 274

LATA MANGESHKAR HOSPITAL

Net Amount

3963960

Sno	Item Name	Item Code	HSN Code	Item Unit	Qty	Fr.Q	Rate	MRP	Disc.	Amount	CGST %	CGST Amt	SGST %	SGST Amt	IGST %	IGST Amt	Total Amount
	SOLAR GRID TIE SYSTEM (TATA SOLAR) - 01 ((TATA POWER SOLUTION))	005444	04022990	KWP (1x1)	100.0		25480.0 0	0.00	0.00	2548000.0 0	2.50	63700. 00	0.500	63700. 00		0.00	2675400.0 0
1	Solar GRID TIE SYSTEMS (TATA SOLAR)- 02 ((TATA	007605	04022990	KWP (1x1)	100.0		10920.0 0	0.00	0.00	1092000.0 0	9.00	98280. 00		98280. 00	0.00	0.00	1288560.0 0
	POWER SOLUTION))		<u> </u>										Total /	Amoun	t	:	3963960. 00
													Total I	Discou	nt	:	0.00
													Round	Off A	nt	: :	0.00

Item Charge(s)

Charge	Amount					
CGST 2.50 %	63700.00					
CGST 9.00 %	98280.00					
SGST 2.50 %	63700.00					
SGST 9.00 %	98280.00					
Total GST Amt :	323960.00					

Delivery Instruction(s)

In the event of any dispute arising between the parties here to, in respect of the matters connected or related to this deal, the parties by a gree that the courts at Nagpur shall have exclusive jurisdiction.

Todinical Details are Attached.

01 DEMAND CHARGES: Demand charges and other taxes form DISCOMS will exist. For Grid connect to LT voltage. HT connect may require additional transformer (not included in price).

02 PRICE: The price quoted in this Proposal is inclusive of design (Annexure attached), manufacturing, sourcing, testing, supply, installation & commissioning, as per the bill of materials & ratings submitted by ASPS along with the final offer. The price quoted is CIF site and is firm. The price is exclusive of any annual maintenance charges or comprehensive maintenance charges or operation & maintenance charges.

04 TAXES, DUTIES AND RATES: Billing of the system is considered from Nagpur. In case of any changes GST will be charged at actual. Any variation in taxes & duties by statutory notification by the Government shall be applicable at the time of execution. Any octroi or entry tax levied by local governments, shall be paid extra at actual by Customer.

02. DEEMED EXPORT OF POWER: The Project shall be termed as commissioned when ASPS evacuates the power generated to Customer grid.

03. WARRANTY: The solar power plant carries a five (5) years' warranty against any manufacturing defects, as per existing warranty policy of TATA Power Solar. Solar photovoltaic modules carry a limited power performance warranty: 80% power output at the end of twenty five (25) years as per existing warranty policy of TATA Power Solar. Any such warranties are subject to the terms and conditions explained in details in the respective warranty policies. ASPS shall give the bank guaranty or securit

ARBITRATION: any dispute, including claims seeking redress or asserting rights under applicable law shall be resolve and finally settled in accordance with the provisions of the arbitration and conciliation ACT, 1996 as may be amended from time to time or its reenactment. The arbitral tribunal shall be compose of two arbitrators to be appointed by each of the parties and the third arbitrator shall appointed by the arbitrators appointed by the parties and for such arbitration, the seat for arbit

01. DELIVERY & HANDOVER: ASPS shall complete the project in (10Weeks) from date of order placement, payment of advance and acceptance of order by ASPS, or as mutually agreed between the parties in the Agreement. Project shall be deemed to have been handed over to Customer by ASPS, on commissioning of the solar power plant. Penalty will be 0.5% per day of order value if above mention work will not be completed in above mention period.

VSPM ACADEMY OF HIGHER EDUCATION

5, Y.M.C.A, Complex, Sitabuldi, NAGPUR, MH-440 001

Phone: 07104-665000 Email: purchase@vspmahe.in, purchase@nkpsims.in

GSTIN No.

PURCHASE ORDER

ADVANCED GREEN POWER SYSTEMS **Supplier Name**

PO No.

: 20-21/338

Supplier Address

: Shop No.1, R. P. Agarwal Estate, 1st Floor, Amravati Road, Wadi, Nagpur-440023

PO Date PO Status 31/08/2020 : PO Unauthorized

Supplier Phone

: 9890367632

Supplier eMail ID

: advancedsps@gamail.com

Indent No

: 27ABQFA6862P1ZH

Hosp. DL No.

: CD(0413)15,R,W.

GSTIN No.

.Dept/Sub-store

274

Location/Main Store

NKP SALVE INSTITUTE OF MEDICAL SCIENCE

Manual indent no

LATA MANGESHKAR HOSPITAL

PAYMENT TERMS: The payment terms applicable are as follows: a. 5% of total order value at the time of order finalization, b. 40% of total order value at the time of confirmation of production schedule/processing of net-metering application with Discom. c. 40% of total order value on readiness of material and before dispatch. d. 15% of total order value on work completion of order.

Payment Term(s)

PO Remarks:-

CEO(A&F)

Jt. Secretary

Printed Date & Time: 05/11/2020 10:55 AM

Chairman

Technical Specification:

	er from the second year.
1	O & M / AMC Rate(Rs. 250/- Kwp (Without Cleaning) per year from the second year.
2	AMC Charges for 100 kwp system to the not charged. (i) Eraquency of visits: (a) Once a month (b) Extra visit to be not charged.
3	If not attend within stipulated time, Penalty to be recovered from amount of the purchase cost/day will be charged. future billing, @ In Case of AMC Period, 01% of the purchase cost/day will be charged. Garanteed Power Genration Unit per year (1,20,000 units). If power generation decreased
4	panalty will as par the prevailing electricity unit rate.
5	PRG for the Guaranteed Power Generation (In RS.25) pc. day
6	PBG for the Guaranteed Power Generation (in Rs.1,56,000/-)
7	Warrenty of system: 05 Year
8	Performance warrenty for modules – 25 years
9	Inverter Warrenty : 10 Years
10	Inverter Make : Growatt / Goodwe
11	Project completion period 04 month after receiving advance Payment
12	There will be a decrease in performance / power generation by 0.7 % to 0.1 % on an average
13	Changes in existing CT & Energy Meter including .
14	Solar Synchronization with grid (Including)
15	Solar Synchronization with DG (Including)

Sr.	Item	Description	Qty	Unit	Make	Scope
1	Solar PV Modules	TP/TC 300-350 Wp multicrystalline Silicon Type with Tolerance: 0 to +2.5% and 1.2 Mtr Cable length, Equipped with Bypass Diodes & Ip 65 Junction Box, Configured with RFID Tags, IEC Certified 61215,61731.61701.	As per Actual	Nos	TPS	TPS
2	Solar Inverters	Grid Interactive Solar Inverter (50 KW .	2	Nos	TPS Approved	TPS
3	Earthing Kit	Earthing, Super Earthing Kit- 1G635 Along with Accessories (Maintenance Free Earthing) Lightening Arrestor with 2 Structure clamp	1	Set	TPS Aproved	TPS
4	Installation & Commissioning	Cables & accessories & DCAC distribution board	1	Set	TPS Approved	TPS

- 1. Wind speed considered 110 KMPH as per IS 875.
- Panel mounting Structure Galvanized / epoxy coated. For sheet roof installation roof penetration shall be carried out to mount the solar PV modules.
- 3. Earthing up to Inveter Panel.

4. Existing cables trays & cable trench for evacuation at site if any shall be used for Cable laying and routing.

AMC SCOPE OF THE WORK

1) SOLAR MODULES:

- i) Visual inspection of modules, mounting clamps & MC4 connectors.
- ii) Check modules for any broken glass/ discoloration, misaligned modules.

2)MODULE MOUNTING STRUCTURE:

- i) Visual inspection of mounting Structures, screws and fasteners.
- ii) Tightening of screws and fasteners as needed.
- iii) Check for rust.

3) JUNCTION BOX:

- i) Checking and tightening of solar inter connections.
- ii) Visual inspection of junction boxes and wiring.
- iii) Tightening of any interconnections as needed.

4) INVERTERS:

- i) General cleaning.
- ii) Check LCD displays of inverters.
- iii) Check integrity of wiring.
- iv) Visual inspection of mechanical fixings of inverters
- v)Inspection of Cables.

5) CABLES:

i) Visual inspection of DC and AC cables.

6) REMOTE MONITORING:

- i) SCADA daily production data recorded.
- ii) Physical verification of RS485 communication cable between equipment /Communication device and server.
- iii) Ensure communication between weather station. (Temp sensor, Wind speed, solar radiation), inverter output String monitoring if supplied.
- iv) Internet connectivity , configuration (Remote connectivity HW)
- v) Check the data reports like graphs.
- vi) Analysis recommendations and feedback.

7)) FREQUENCY OF VISITS:

- i) Once a month.
- ii) Extra visits to be no charged.
- 8) This is non comprehensive AMC.

Exclusions:

Any scope not specially mentioned in the O&M scope of work shall be excluded from this contract.

The following items are clearly excluded from our scope:

ii)System damage due to natural calamities like Earth Quake. Fire Hazard, Floods and Riots etc.

- iii) Construction water for cleaning at the rate of 3 litres / module /cleaning cycle.
- iv)Statutory clearances if required.
- v) For ground installation is de-weeding is in customer scope.
- vi) Internet access for remote monitoring.
- vii) Asset insurance, safety and security.
- viii) Any external obstruction hindering performance through shadows on module.

CEO (A & F)

Dr. Ashish Deshmukh

JT.SECRETARY

CHAIRMAN

Installation Receipt of Biogas Plant

TAX INVOICE

Supplier Details

To, Receiver Details

1. Date of Invoice:

15/05/2023

Name:

NKP SALVE INSTITUTE OF MEDICAL SCIENCE &

LATA MANGESHKAR HOSPITAL

2. Invoice No:

MAY2023/24J0011

Address:

DIGDOH HILL HINGNA ROAD, NAGPUR.

MAHARASHTRA

3. Name: 4. Address: **GREEN ENERGY SOLUTIONS**

GSTIN:

5. GSTIN:

GC-14, Thakkar Buzzar, New CBS, Nashik, 2. 27RCHP\$7756R17D

3. G3 III	V -	2/BCHP3//	PRIZD			Place of Sup	oply: Incase of in	iter state sa	ale:				
S.No	Description Of Goods/Services	HSN/SAC Code Qty/Uni	Qty/Unit	t Rate	Total Value[Rs.]	Discount	Taxable Value	CGST			GST	IGST	
							[Rs.]	Rate[%]	Rs.	Rate[%]	Rs.	Rate[%]	Rs.
1	Green Star Biogas In FRP	84051090	1	35000	35000.00	0	35000.00	6%	2100.00	6%	2100.00	0%	0
	Model – Green Star-10												
2	Single Burner Stove	31010099	1	1250	1250.00	0	1250.00	2.50%	31.25	2.50%	31.25	0%	0
3	Water Remover	8424	1	450	450.00	0	450.00	6%	27.00	6%	27.00	0%	0
4	Braded Pipe	391721	10 Mtr	800	800.00	0	800.00	9%	72.00	9%	72.00	0%	0
5	Instillation Charges	998314	1	900	900.00	0	900.00	9%	81.00	9%	81.00	0%	0
Add: Other Charges, If any - No 38400.00						0	38400.00		2311.25		2311.25		43022.50
Invoice	Value [In words]: Forty Three							TOTAL	@43023/-				

Customers Seal Bath D. Dhengre

Signatgure

Purchase Officer

NKPSIMS & LMH, Nagpur

SUBJECT TO NASHIK JURIDICTION .

FOR GREEN ENERGY SOLUTIONS

AUTHORISED SIGNATORY