



2/कु.स./मप्रभोमुवि/2019

भोपाल, दिनांक

श्री. शाक्य सेल्स एण्ड सोल्यूशन प्रा.लि.,
 100, महावीर एवेन्यू, बी-47, बृजेश्वरी एन.एक्स;
 भोपाल

मध्य प्रदेश भोज (मुक्त) विश्वविद्यालय परिसर में एल.ई.डी. स्ट्रीट लाईट प्रदाय करने बावत्।

आपका कोटेशन दिनांक 23.02.2019

प्रति,

अपनी विषयांतर्गत मध्य प्रदेश भोज (मुक्त) विश्वविद्यालय में एल.ई.डी. स्ट्रीट लाईट आपका द्वारा प्रस्तुत कोटेशन दर को विश्वविद्यालय द्वारा निम्नानुसार न्यूनतम मान्य किया गया है-

सामग्री विवरण /मेक	दर प्रति नग जी.एस.टी. सहित	संख्या	राशि
एल.ई.डी. स्ट्रीट लाईट 60 वॉट प्रोम्प्टन	4704/-	20	94080/-
कुल योग			94080/-

कृपया उपरोक्तानुसार स्पेशीफिकेशन व गुणवत्तापूर्ण स्ट्रीट लाईट वांछित संख्या में (20 नग) विश्वविद्यालय में प्रदाय कर देयक प्रस्तुत करने का कष्ट करें। सामग्री उच्च गुणवत्ता व विनिर्देशनों के अनुरूप पाये जाने पर जी.एस.टी. सहित राशि रुपये 94080/- भुगतान किया जावेगा। इसके अतिरिक्त अन्य कोई देयक मान्य नहीं होगा।

आदेशानुसार

कुलसचिव

भोपाल, दिनांक 12/3/19

2/कु.स./मप्रभोमुवि/2019

प्रति,

1. मातृनीय कुलपति जी के निज सचिव की ओर सूचनार्थ।
2. निर्यंत्रक, मध्य प्रदेश भोज (मुक्त) विश्वविद्यालय, भोपाल।
3. प्रायक संचालक, आवासीय संपरीक्षा, मप्रभोमुवि।

कुलसचिव
 म.प्र. भोज (मुक्त) विश्वविद्यालय
 कुलसचिव

SAKYA SALES AND SOLUTIONS PVT. LTD.

202, Mahaveer Avenue, B-47, Brajeswari NX,
INDORE (M.P.)

Phone : 07999346034, E-Mail : sakyasales@gmail.com, prashantsahu2011@gmail.com

GST NO. 23AASC52754C1ZD

Order No. :
L.R. No. :
Cases : 23/02/19
Due Date :

DESCRIPTION

RATE	AMOUNT
4200/-	4200/-

SUB TOTAL
GST@12%
GRAND TOTAL

4200/-
504/-
4704/-

For SAKYA SALES & SOLUTIONS PVT. LTD.

Authorised signatory

NET TOTAL

GSTIN/STATE DISC CODE :- ICIC0002370

WHSE ARE AT GOVAL NAGAR, INDORE

कुलसचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजमार्ग नर्म (कांगार रोड)
भोपाल

GST INVOICE

SAKYA SALES AND SOLUTIONS PVT. LTD.

202, Mahaveer Avenue, B-47, Brajeswari NX,
INDORE (M.P.)

Phone : 07999346034, E-Mail : sakyasales@gmail.com

GST NO. 23AASCS2754C1ZD

Invoice No. : MAR/001

Date: 23/03/2019

Order No. : 240, 12/03/2019

L.R. No. :

Cases :

Due Date :

MAHATMA (OPEN) UNIVERSITY

(Bhopal Branch) Bhopal

Phone: 0755-2492093

DESCRIPTION	HSN/SAC	QUANTITY	RATE	GST %	AMOUNT
STATIONERY	9405	20	4200	12	84000.00
SUB TOTAL					84000.00
GST 12%					10080.00
GRAND TOTAL					94080.00

BANK NAME

IFSC CODE:- ICIC0002370

BRANCH NAME AT GOYAL NAGAR, INDORE

For SAKYA SALES & SOLUTIONS PVT. LTD.

Authorised signatory

Verified
Material received
in good condition

ENGINEER
M.P. OPEN UNIVERSITY
SOLAR ROAD, BHOPAL

सुभाष चंद्र बोस
जीव विज्ञान विभाग
राजकीय संग्रहालय
भोपाल

देगढ़ की यांत्रिकी शाखा के मण्डल प्रविष्टि स्थान
 रजिस्टर क्र. 02 को पत्र क्र. 137
 सं.क्र. 01 दिनांक 23/04/19 को दर्ज की गई।

Meelam
 प्रविष्टकर्ता
 (लिपिक)

संयोजक
 (प्रशासिक शाखा)

UNIVERSITY ENGINEER
 M.P. BHOJ (OPEN) UNIVERSITY
 KOLAR ROAD, BHOPAL

"प्रमाणित किया जाता है कि एब... क्रय समिति के एक संयुक्त रूप से और व्यक्तिगत तौर पर एक बत से संयुक्त कि जिस समिती के क्रय की अनुमति की गयी है अपेक्षित गुणवत्ता और विनिर्देशनों के अन्तर्गत है गा कीमत प्रचलित बाजार पर के अनुसार है और जिस आपूर्तिकर्ता की सिफारिश की गयी है वह यशस्वतः की आपूर्ति करने के लिए विवक्षणीय और सहज है।"

कुलसचिव
 म.प्र. भोज (मुक्त) विश्वविद्यालय

UNIVERSITY ENGINEER
 M.P. BHOJ (OPEN) UNIVERSITY
 KOLAR ROAD, BHOPAL



मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय

राजा भोज मार्ग (कोलार रोड) भोपाल-462016 (म.प्र.)

Madhya Pradesh Bhoj (Open) University

Raja Bhoj Marg (Kolar Road) Bhopal - 462016 India

1

क्र. 2896 / कु.स./मप्रभोमुवि/2019

भोपाल, दिनांक 24/7/19

प्रति,

मेसर्स शाक्य सेल्स एण्ड सोल्यूशन प्रा.लि.,
202, महावीर एवेन्यू, बी-47, बृजेश्वरी एन.एक्स;
इंदौर।

विषय:- मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय परिसर में एल.ई.डी. स्ट्रीट लाइट एवं बैटन प्रदाय करने
बाबत।

संदर्भ:- आपका कोटेशन दिनांक 15.06.2019

महोदय,

उपरोक्त विषयांतर्गत मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय में एल.ई.डी. स्ट्रीट लाइट एवं बैटन
हेतु आपके द्वारा प्रस्तुत कोटेशन दर को विश्वविद्यालय द्वारा निम्नानुसार न्यूनतम मान्य किया गया है-

Sr.No.	Particulars	Rate	GST Rate	Total Amount with GST Per	Qty	Amount
1	LED T8 Tubelight with PC Body	435/-	GST @12=52/-	487/-	140 Nos	68180/-
2	Batten Suitable for LED T8 lamps/fixture (Crompton) DMLN1LT8-16	190/-	GST@34=224/-	224/-	140 Nos	31360/-
Total Amount						99540/-

उपरोक्त तालिका में अंकित विवरणानुसार एल.ई.डी. लाइट एवं बैटन विश्वविद्यालय में प्रदाय करने का कष्ट करें। उपरोक्तानुसार एल.ई.डी. लाइट एवं बैटन उचित गुणवत्ता एवं विनिर्देशनों के अनुरूप पाये जाने एवं देयक प्रस्तुत करने पर जी.एस.टी. सहित राशि रुपये 99540/- मात्र का भुगतान किया जायेगा। इसके अतिरिक्त अन्य कोई देयक मान्य नहीं होगा।

आदेशानुसार

(डॉ. एच.एस. त्रिपाठी)

कुलसचिव

भोपाल, दिनांक 24/7/19

क्र. 2897 / कु.स./मप्रभोमुवि/2019

प्रतिलिपि:-

- माननीय कुलपति जी के निज सचिव की ओर सूचनार्थ।
- वित्त नियंत्रक, मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय, भोपाल।
- सहायक संचालक, आवासीय संपरीक्षा, मप्रभोमुवि।


कुलसचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजाभोज मार्ग (कोलार रोड)
भोपाल


(डॉ. एच.एस. त्रिपाठी)

कुलसचिव


कोटेशन द्वारा सामग्री क्रय हेतु प्रमाण-पत्र

"प्रमाणित किया जाता है कि हम सभी क्रय समिति के सदस्य संयुक्त रूप से एवं अनिवार्य तौर पर इस बात से संतुष्ट हैं कि क्रय कि गयी क्रॉम्पटन ग्रीन्स कंपनी की एलईडी. ट्यूबलाइट (संख्या-140 नग) एवं बैटन (संख्या-140 नग) विनिर्देशनों (स्पेसिफिकेशन) और गुणवत्ता के अनुरूप है, इसकी कीमत प्रचलित बाजार दर के अनुरूप है और आपूर्तिकर्ता मेसर्स शाक्य सेल्स एण्ड सोल्यूशन प्राइवेट लिमिटेड आपूर्ति हेतु विश्वसनीय और सक्षम है।"


(डॉ. प्र. के. त्रिपाठी)
निदेशक


(डॉ. एल. पी. झारिया)
निदेशक


(डॉ. नीलम वासनिक)
निदेशक


(श्री अणय गुप्ता)
सहायक कुलसचिव

कुलसचिव
य. म. कोय (मुख्य) निदेशिका
राजस्थान राज्य अकादमी
जोधपुर -

GST INVOICE

SAKYA SALES AND SOLUTIONS PVT. LTD.

202, Mahaveer Avenue, B-47, Brajeswari NX,
INDORE (M.P)

Phone : 07999346034, E-Mail : sakyasales@gmail.com

MADHYA PRADESH BHOU (OPEN) UNIVERSITY
BHU Bldg (Kolar Road) Bhopal
462016

GST NO. 23AASC52754C1ZD

Invoice No. : AUG/001 Date: 16/08/2019

Order No. : 2019/08/001

L.R. No. :

Cases :

Due Date :

Phone: 0755-2492093

1AAIM1277DIZK

DESCRIPTION

HSN/SAC

QUANTITY

RATE

GST %

AMOUNT

LED Tubelight with PC Body
(Crompton)

9405

140

434.82

12

60874.80

LED Tubelight for LED T8

9405

140

189.83

18

26576.20

LED Tubelight, (Crompton)

Paid & Cancelled

SUB TOTAL

GST

Round off

GRAND TOTAL

87451.00

12088.70

0.30

99540.00

BANK- ICICI BANK

PIN : 237005000188 IFSC CODE:- ICIC0002370

BRANCH ARE AT GOYAL NAGAR, INDORE

For SAKYA SALES & SOLUTIONS PVT. LTD.

Authorised Signatory



मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय
राजा भोज मार्ग (कोलार रोड) भोपाल-462016 (म.प्र.)
Madhya Pradesh Bhoj (Open) University
Raja Bhoj Marg (Kolar Road) Bhopal - 462016 India

1

क्रं./
प्रति. / या.शा./मप्रभोमुवि/2021

भोपाल, दिनांक

माँ भवानी इलेक्ट्रिकल्स,
शॉप नं. 24, सर्वधर्म ए-सेक्टर,
कोलार होटल के पास,
भोपाल।

विषय:- मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय में एल.ई.डी. ट्यूबलाईट प्रदाय करने बावत।

उपरोक्त विषयांतर्गत लेख है कि मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय में 20 वॉट एल.ई.डी. ट्यूबलाईट प्रदाय करने हेतु आपके द्वारा प्रस्तुत प्राक्कलन दर को निम्नानुसार स्वीकृत किया गया है-

क्रं.	सामग्री विवरण	संख्या	दर	राशि
1	20 वॉट ट्यूबलाईट	30 नग	260/-	7800/-
कुल योग राशि				7800/-

कृपया उपरोक्त तालिका में अंकित विवरण व स्पेशीफिकेशन अनुसार एल.ई.डी. ट्यूबलाईट प्रदाय कर देयक प्रस्तुत करने का कष्ट करें। एल.ई.डी. ट्यूबलाईट उच्च गुणवत्ता एवं विनिर्देशनों के अनुरूप पाये जाने पर राशि रुपये 7800/- का भुगतान किया जावेगा। इसके अतिरिक्त अन्य कोई देयक मान्य नहीं होगा।

आदेशानुसार

कुलसचिव

क्रं. 3117, या.शा./मप्रभोमुवि/2021
प्रतिलिपि:-

भोपाल, दिनांक 15-12-21

- माननीय कुलपति जी के निज सचिव की ओर सूचनार्थ।
- वित्त नियंत्रक, मध्यप्रदेश भोज (मुक्त) विश्वविद्यालय, भोपाल
- सहायक संचालक, आवासीय संपरीक्षा, मप्रभोमुवि।

कुलसचिव

कुलसचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजाभोज मार्ग (कोलार रोड)
भोपाल

2

Madhya Pradesh Bhoj (Open) University
Bhopal
State Name : Madhya Pradesh, Code : 23

Invoice No.	Dated
21-22275	1-Jan-2022
Delivery Note	Means of Payment
Supplier's Ref.	Other Reference(s)
Buyer's Order No.	Dated
Despatch Document No.	Delivery Note Date
Despatched through	Destination
Terms of Delivery	

AYC-NO-5491010050104
IFSC.-UBIN0554910
Bank- UNION BANK

INR Seven Thousand Eight Hundred Only

Eight Hundred Thirty Five and Seventy paise Only

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

By MAA BHAWANI ELECTRICALS

Authorized Signatory

This is a Computer Generated Invoice

म.प्र. भोज (मुक्त) विद्यालय, भोज

3. सहायक संचालक, आवासीय संपरीक्षा, मप्रभोमुविदि।

कुलसचिव
म.प्र. भोज (मुक्त) विपणन निगम
राजभोज नगर (कानपुर वि.)
भोपाल

ई-मेल : registraroffice.mpbou@gmail.com वेबसाइट : www.bhojvirtualuniversity.com

माँ भवानी इलैक्ट्रिकल्स

शॉप नं. 24, सर्वधर्म, ए-सेक्टर, कोलार होटल के पास, भोपाल
मो.: 9303579798, 7692070209, 9300209050

श्री. कुलराज भाग्य भाग्य

दिनांक 22/10/21

क्र.	विवरण	संख्या	रेट	कुल कीमत
1.	20W. ट्यूब लाइट	38	260	9880
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
			कुल योग	9880

* कुलर, बत्ती, मिक्सी, पानी की मोटर की वारंटी 12 महीने की है।
* मोटर की कोई भी चीज खराब होने पर दुकान लागू प्रदान करने की
विश्वसनीय सुधार करने में 4 से 12 संशोधित दिन लागू है।

वास्ते - माँ भवानी इलैक्ट्रिकल्स



कुलराज भाग्य
स.प्र. भाग्य (मुक्त) विद्युत निगम
राजभागी भाग्य (मुक्त) विद्युत निगम
भोपाल

मध्य प्रदेश
ऊर्जा विकास निगम लि०



①

(मा.प्र. शासन का उपपत्र)
ऊर्जा भवन, लिंक रोड-2, शिवाजी नगर, भोपाल, (म. प्र.)
www.mpr.vscable.nic.in, e-mail: aecb.mpr@nic.in, aecb.mpr@vsnl.com
फोन-2767270, 2596568

दिनांक 08.03.2022

क्रमांक/एफ/यू.वी.एन./2018/आर.एफ.टी./01-114/11101

स्पीड-पोस्ट

प्रति,

कुलसचिव,
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजा भोज मार्ग, (कोलार रोड),
भोपाल-462016

UEP
10/3

विषय : म.प्र. भोज (मुक्त) विश्वविद्यालय, भोपाल में स्थापित किये गये 100 कि.वा. क्षमता के बैटरी बैंक सहित ग्रिड कनेक्टेड सौर फोटोवोल्टेइक पावर प्लांट की प्राप्त हितग्राही अंश राशि में से अनुपयोगित राशि वापसी एवं उपयोगिता प्रमाण-पत्र बाबत।

उपरोक्त विषयांतर्गत लेख है कि निगम द्वारा म.प्र. भोज (मुक्त) विश्वविद्यालय, भोपाल में दिनांक 15.09.2018 को 100 कि.वा. क्षमता के बैटरी बैंक सहित ग्रिड कनेक्टेड सौर फोटोवोल्टेइक पावर प्लांट की स्थापना कराई गई थी, जिसे दिनांक 26.06.2019 को नेट मीटर के माध्यम से ग्रिड से संयोजित भी कराया जा चुका है।

2. उक्त संयंत्र की स्थापना पर कुल परियोजना लागत, अनुदान एवं म.प्र. भोज (मुक्त) विश्वविद्यालय, भोपाल की अंश राशि का विवरण निम्नानुसार है :-

क्र.	विवरण	म.प्र. भोज (मुक्त) विश्वविद्यालय, भोपाल (रु.)
1.	कुल लागत	58,29,180.00
2.	केंद्र अनुदान	13,75,000.00
3.	राज्य अनुदान	11,00,000.00
4.	हितग्राही अंशराशि	33,54,180.00
5.	जमा हितग्राही अंशराशि :- MR No. 18637 Dt. 24.04.2018	33,65,500.00
6.	अनुपयोगित जमा राशि	11,320.00

3. म.प्र. भोज (मुक्त) विश्वविद्यालय, भोपाल में स्थापित संयंत्र के विरुद्ध व्ययों का अंतिम समायोजन किया जा चुका है। जिसके अनुसार हितग्राही संस्था को रु. 11,320.00 अनुपयोगित राशि निगम के पास शेष है, जिसका चेक क्र. 277119 दिनांक 03.03.2022, पंजाब नेशनल बैंक संलग्न है।

कृपया पावती प्रेषित करने का कष्ट करें।

संलग्न :- उपरोक्तानुसार।

800/P/22
10/3/22

कुलसचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजाभोज मार्ग (कोलार रोड)
भोपाल

(बृजेश कुमार व्यास)
अति कार्यपालन यंत्री

दिनांक

पृ. क्रमांक/एफ/यू.वी.एन./2018/आर.एफ.टी./01-114/
प्रतिलिपि :-

1. जिला अक्षय ऊर्जा अधिकारी, म.प्र.ऊविनि, भोपाल (म.प्र.)।

अति कार्यपालन यंत्री

**मध्य प्रदेश
ऊर्जा विकास नि**

186 आर शासन का सम्पत्ति
"ऊर्जा भवन", लिंक
www.mprajv.nic.in
फोन-2767270, 2556566

क्रमांक/एफ/यू.वी.एन./20



मध्य प्रदेश भोज (मुक्त) विश्वविद्यालय

क्षेत्रीय केन्द्र,

बुक क्रमांक 10 128

रसीद क्रमांक

दिनांक 24/03/2022

रा.सं. बलु, माध्य, अध्ययन केन्द्र

BHOPAL

पाठ्यक्रम का नाम

श्री / श्रीमती / कु.

सौर ऊर्जा संयंत्र

प्रति,

✓ कुलसचिव,
म.प्र. भोज (मुक्त) वि
राजा भोज मार्ग, (कं
भोपाल-462016

विषय : म.प्र. भोज (मुक्त) वि
बैंक रहित ग्रिड कं
से अनुपयोगित राशि

उपरोक्त विषयांतर्गत
दिनांक 15.09.2018 को 100
पावर प्लांट की स्थापना कर
से संयोजित भी कराया जा
2. उक्त संयंत्र की र
विश्वविद्यालय, भोपाल की अं

क्र.	शुल्क का विवरण, प्रथम / द्वितीय	राशियाँ
01.	उद्घाटन पत्र	11,320/-
02.	प्रवक्त फीस	
03.	पंजीयन	
04.	अवधान राशि (कॉशन मनी)	
05.	पाठ्य सामग्री	
06.	संपर्क कक्षा शुल्क	
07.	परीक्षा शुल्क, अंकसूची, प्रमाण पत्र	
08.	प्रायोगिक शुल्क	
09.	अनापति प्रमाण-पत्र	
10.	पुनर्मूल्यांकन	
11.	पुनर्गणना	
12.	पुस्तकालय	
13.	दीर्घाव समावेश	
14.	चर्चिचन पत्र	
15.	अन्य	
कुल राशि रुपये (शब्दों में) Eleven Thousand three hundred Twenty only		11,320/-

Ram
प्रतिपादक / केन्द्राध्यक्ष
(प्राप्तकर्ता के हस्ता.)

क्र.		
1.	कुल	
2.	केन्द्र	
3.	राज्य	
4.	हितग्राही अंशराशि	33,54,180.00
5.	जमा हितग्राही अंशराशि :- MR No. 18637 Dt. 24.04.2018	33,65,500.00
6.	अनुपयोगित जमा राशि	11,320.00

3. म.प्र. भोज (मुक्त) विश्वविद्यालय, भोपाल में स्थापित संयंत्र के विरुद्ध व्ययों का अंतिम
समायोजन किया जा चुका है। जिसके अनुसार हितग्राही संस्था की रु. 11,320.00 अनुपयोगित राशि
निगम के पास शेष है, जिसका चेक क्र. 277119 दिनांक 03.03.2022, पंजाब नेशनल बैंक संलग्न
है।

कृपया पावती प्रेषित करने का कष्ट करें।

संलग्न - उपरोक्तानुसार।

कुलसचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजाभोज मार्ग (कोलार रोड)
भोपाल

(बृजेश कुमार व्यास)
अति कार्यपालन यंत्री

दिनांक

म.प्र. ऊर्जा विकास निगम लिमिटेड

(म0प्र0 शासन का उपक्रम) (ISO 9001:2008 प्रमाणित)



3
67

कमांक/ऊविनि/जीसीआरटी-114/2020-21/680

भोपाल, दिनांक : 14/7/2020

स्पीड-पोस्ट

प्रति,

✓ कुल सचिव,
म.प्र. भोज (मुक्त) विश्वविद्यालय,
राजा भोज मार्ग (कोलार रोड),
भोपाल -462016

विषय :- विश्वविद्यालय परिसर में 100 कि.वा क्षमता के बैटरी बैंक रहित ग्रिड कनेक्टेड सौर फोटोवोल्टेइक की स्थापना हेतु शेष हितग्राही अंश राशि विमुक्त किये जाने बाबत।

संदर्भ :- आपका पत्र क्र. 545 दिनांक 08.07.2020

उपरोक्त विषयांतर्गत संदर्भित पत्र का अवलोकन करना चाहेंगे। निगम द्वारा मेसर्स मुद्रा सोलर पी. व्ही. लि. के माध्यम से दिनांक 15.09.2018 को विश्वविद्यालय परिसर में 100 कि.वा क्षमता के बैटरी बैंक रहित ग्रिड कनेक्टेड सौर फोटोवोल्टेइक की स्थापना की गई एवं दिनांक 26.06.2019 को नेट मीटर की स्थापना की जाकर संयंत्र की कमिशनिंग कर दी गई है।

उक्त तिथि से संयंत्र द्वारा उत्पादित विद्युत का लाभ निश्चित रूप से विद्युत देयक में परिलक्षित हो रहा होगा। आपके सुलभ संदर्भ हेतु संयंत्र द्वारा उत्पादित विद्युत का ऑन-लाईन विवरण संलग्न है। आप भी आरएमएस के माध्यम से संयंत्र द्वारा उत्पादित की गई विद्युत को ऑन-लाईन देख सकते हैं जिसका विवरण निम्नानुसार है :-

URL -	https://europe2.qantum.net
User -	Hardik.der@adani.com
Password -	Solar123

(श्रीकान्त देशमुख)
अधीक्षण यंत्री

पृ.कमांक/ऊविनि/जीसीआरटी-114/2020-21/681
प्रतिलिपि :-

भोपाल, दिनांक : 14/7/2020

जिला अक्षय ऊर्जा अधिकारी, म0प्र0 ऊर्जा विकास निगम लि0, भोपाल (शहर)।

111

6.8.20

कुलसचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजाभोज मार्ग (कोलार रोड)

अधीक्षण यंत्री

41



M.P. MADHYA KSHETRA VIDYUT VITARAN COMPANY LIMITED

(Government of M. P. Undertaking)

Regd. Office: NishthaParisar, Govindpura Bhopal 462023
 ☎ 0755-2602033-34 & 35, Fax: 2589821 Ext-200, Website www.mpcz.co.in
 CEN NUMBER: U40309MP200256C015119

Solar Roof Top Survey Form

S.No	Consumer Detail		Remark
1.	Application No	MPCZ1077411	OK
2.	IVRS/Customer ID	3724904111	OK
3.	Name of Applicant	THE REGISTRAR M.P.(BHOJ)	OK
4.	Address of Applicant	OPEN UNIVERSITY MPBOUCAMPUS, VILLAGE DAMKHEDA, KOLAR ROAD, BHOPAL(P.N.AAAJMI277D).	OK
5.	Circle	City Circle Bhopal	OK
6.	Division	Bhopal City (West)	OK
7.	DC to Apply	Shahpura Zone	OK
8.	Land Mark	chunabhatti	OK
9.	Mobile Number	9424704035	OK
10.	Connection Type	PERMANENT	OK
11.	Sanction Load (in KW)	180	OK
12.	Contract Demand(in KVA)	180	OK
13.	Connection Category	HT	OK
14.	Type Of Renewable Energy System	solarpy	OK
15.	Plant Capacity AT AC(KW)	100	OK
16.	Proposed Connectivity Voltage	HT	OK
17.	Suitable Area(Sq.Mt) for Installation	38144	OK
18.	Vendor	mudra solar pv limited	OK

✓ Consumer's Signature

कुलसचिव

म. ज (मुक्त) विश्वविद्यालय
भोपाल

MANAGER

HTM. WEST

MPMKVVCL, BHOPAL

कुलसचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजाभोज मार्ग (कोलार रोड)
भोपाल

(5) 46

Net Metering Inter Connection Agreement for enhancement Capacity

1. This Agreement is made and entered into at Bhopal on this (date) 11 day of (month) June year 2019 between Dr. M.S. Tripathi the Registrar M.P Bhoj Open University MPBOUCAMPUS, Village Damkheda kolar road Bhopal as first party AND Distribution Licensee Madhya Pradesh- Madhya-Kshetra-Vidyut-Vitran-Company Ltd. (here in after called as Discom) and represented by Dr. A.P. Singh (General Manager (City Circle) MPMKVCL, Bhopal and having its registered office at Nisha Parisar, Govindpura, Bhopal as second party of the agreement. And whereas, the Discom agrees to provide grid connectivity to the Eligible Consumer for injection of the electricity generated from his renewable energy plant to capacity **100 kilowatt** in to the power system of Discom, as per conditions of this agreement, and MPERC (Net Metering) Regulations, 2015 issued by Madhya Pradesh Electricity Regulatory Commission, and Madhya Pradesh Policy for Decentralized Renewable Energy Systems, 2016. Both the parties hereby agree to as follows:

2. Technical and Interconnection Requirements

2.1 The Eligible Consumer agrees that his renewable energy generation plant and net metering system will conform to the standards and requirements specified in MPERC (Net Metering) Regulations, 2015 and Madhya Pradesh Policy for Decentralized Renewable Energy Systems, 2016, as also the following Regulations and codes, as amended from time to time:-

1. CEA's (Technical Standards for connectivity of the Distributed Generating Resources) Regulations, 2013
2. Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006
3. Central Electricity Authority (Measures relating to safety and electric supply) Regulations, 2010
4. MPERC Supply Code Regulations, 2007

2.2 Eligible Consumer agrees that he has installed or will install, prior to connection of Renewable Energy system to Discom's distribution system, an isolation device (both automatic and inbuilt within inverter and external manual relays) and agrees for the Discom to have access to the renewable energy system, if required for repair & maintenance of the distribution system.

2.3 Eligible Consumer agrees that in case of a power outage on Discom's system, Renewable Energy system will disconnect/isolate automatically and his plant will not inject power into Licensee's distribution system.

2.4 All the equipment connected to distribution system shall be compliant with relevant International (IEEE/IEC) or Indian standards (BIS) and installations of electrical equipment must comply with Central Electricity Authority (Measures of Safety and Electricity Supply) Regulations, 2010.

2.5 Eligible Consumer agrees that licensee will specify the interface/interconnection point and metering point.

2.6 Eligible Consumer and licensee agree to comply with the relevant CEA regulations and MPERC (Metering) Regulations, 2007 in respect of operation and maintenance of the plant, drawing and diagrams, site responsibility schedule, harmonics, synchronization, voltage, frequency, flicker, etc.

2.7 Due to Discom's obligation to maintain a safe and reliable distribution system, Eligible Consumer agrees that, if it is determined by the Discom that Eligible Consumer's Renewable Energy system either causes damage to and/or produces adverse effects affecting other consumers or Discom's assets, Eligible Consumer will have to disconnect Renewable Energy system immediately from the distribution system upon direction from the Discom and correct the problem at his own expense prior to a reconnection. ..2..

कुलसचिव
म.प्र. भोज (म.प्र.) विश्वविद्यालय
राज्यसेवा, राई (कोयल रोड)
भोपाल

कुलसचिव

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2.8 The consumer shall be solely responsible for any accident to human being/animals whatsoever (fatal/non-fatal/departamental/non-departamental) that may occur due to back feeding from the SPG plant when the grid supply is off. The distribution licensee reserves the right to disconnect the consumer's installation at any time in the event of such exigencies to prevent accident or damage to man and material.

3. Clearances and Approvals

3.1 The Eligible Consumer shall obtain all the statutory & necessary approvals and clearances be for connecting the Renewable Energy system to the distribution system.

4. Access and Disconnection

4.1 Discom shall have access to metering equipment and disconnecting means of the renewable energy system, both automatic and manual, at all times.

4.2 In emergency or outage situation, where there is no access to the disconnecting means, both automatic and manual, such as a switch or breaker, Discom may disconnect service to the premises of the Eligible Consumer.

5. Liabilities

5.1 Eligible Consumer and Discom shall indemnify each other for damages or adverse effects from either party's negligence or intentional misconduct in the connection and operation of Renewable Energy system or Discom's distribution system.

5.2 Discom and Eligible Consumer shall not be liable to each other for any loss of profits or revenues, business interruption losses, loss of contract or loss of goodwill, or for indirect, consequential, incidental or special damages, including, but not limited to, punitive or exemplary damages, whether any of the said liability, loss or damages arise in contract, or otherwise.

5.3 Discom shall not be liable for delivery or realization by Eligible Consumer for any fiscal or other incentive provided by the Central/State Government beyond the scope specified by the Commission in its relevant Order

5.4 The Discom may consider the quantum of electricity generation produced in the renewable energy system under net metering arrangement towards RPO. (Applicable only in case of Eligible Consumer who is not defined as an Obligated Entity).

5.5 The proceeds from CDM benefits shall be retained by the Discom.

6. Commercial Settlement

6.1 All the commercial settlement under this agreement shall follow the Net Metering Regulations, 2015 issued by MPERC.

6.2 If there is surplus power generated after fulfilling captive consumption requirement at the end of the settlement period, the surplus power shall be compensated as per MPERC Net Metering Regulations, 2015 and amendments thereof. The unadjusted net credited units of electricity, at the end of each 'Settlement period', shall be purchased by the Distribution Licensee at its Average Pooled Cost of Power Purchase, as approved by the Commission for that year. The Distribution Licensee shall provide credit equivalent to the amount payable in the immediately succeeding Billing Cycle, and, if any credit still remains, then in the following Billing Cycle(s).

कुलसचिव
म.प्र. भोज (पुस्त) विश्वविद्यालय
राजामोहन मार्ग (कोलार रोड)
'भोपाल'

//3//

7. Connection Costs

7.1 The Eligible Consumer shall be a full costs related to setting up of renewable energy system including meter in and inter connection costs. The Eligible Consumer agrees to pay the actual cost of modifications and upgrades to the service line required to connect Renewable Energy system to the grid in case it is required.

8. Connection Costs

8.1 The Eligible Consumer can terminate agreement at any time by providing Discom with 90 days prior notice.

8.2 Discom has the right to terminate Agreement on 30 days prior written notice, if Eligible Consumer commits breach of any of the terms of this Agreement or MPERC (Net Metering) Regulations, 2015 issued by the Madhya Pradesh Electricity Regulatory Commission or Madhya Pradesh Policy for Decentralized Renewable Energy Systems, 2016 and does not remedy the breach within 30 days of receiving written notice from Discom of the breach.

8.3 Eligible Consumer shall upon termination of this Agreement, disconnect the Renewable Energy system from Discom's distribution system in a timely manner and to Discom's satisfaction.

In witness, whereof, Mr./Mrs. Dr. H.S. Tripathi the Registrar M.P Bhoj Open University MPBOUCAMPUS, Village Damkheda kolar road Bhopal and Mr. A.P. Singh General Manager (City Circle) on behalf of City Circle, M.P. M.K.V.V. Co. Ltd., Bhopal (Discom) sign this agreement in two originals.

The Registrar M.P Bhoj Open University,
MPBOUCAMPUS, Village Damkheda
Kolar Road Bhopal

Name Dr. H.S. Tripathi

Address

Signature

Witness 1

Witness 2

Madhya Pradesh Madhya Kshetra Vidyut Vitran Co. Ltd. Bhopal

Name

Designation

Signature

Witness 1

Witness 2

General Manager (City Circle)
MPMKVVCL, BHOPAL

Dy. General Manager
Dy. General Manager (City Circle)
M.P.M.K.V.V. Co. Ltd. Bhopal

प्रचार (वि. वि. वंशी)

राजेश कुमार, पु. वि. वि.

Dr. Prashant Solanki
Computer programmer

Yo G. ... By Circle
M.P. Bhoj (Mukta) Vishwavidyalaya
Bhopal



MADHYA PRADESH MADHYA KSHETRA VIDYUT VITARAN CO. LTD.
OFFICE OF THE GENERAL MANAGER (CITY CIRCLE)
SULTANIA ROAD, NEAR ROYAL MARKET BHOPAL

E-mail: secitybhopal@gmail.com, ☎0755- 2678225, FAX – 2678225

No./GM/CC/Net Metering/02-/19 **2366**

Bhopal, Date: **31.5.19**

To:

The Registrar,
M.P Bhoj Open University MPBOUCAMPUS,
Village Damkheda, Kolar Road
Bhopal (M.P)

Sub.: Sanction of net metering and grid connectivity The Registrar, M.P Bhoj Open University MPBOUCAMPUS Village Damkheda, Kolar Road Bhopal (M.P)

Ref: 1. The CGM (Comm) O/o MD (CZ) Bhopal letter No. /MD/MK/Comm//F-221/R-32/33 dated 10.04.2017

2. Your application No MPCZ1077411

3. The DGM (HTM West) letter No. /76 on dated 15.05.19

With reference to your above mentioned application, approval is here with accorded for install in renewable energy system of **100kW** in your premises at of The Registrar, M.P Bhoj Open University MPBOUCAMPUS Village Damkheda, Kolar Road Bhopal (M.P) as per the following terms and conditions:

1. You are advised to select an empanelled system installer of your choice to install the renewable energy system. The installer should have prior experience in design, supply and installation of renewable energy system. A list of empanelled installers of grid-connected PV systems by MNRE (Ministry of New and Renewable Energy, Government of India) / Madhya Pradesh UrjaVikas Nigam Limited (MPUVN) is a good reference point for identifying an installer.
2. You must select an inverter only from MNRE or MPUVN approved and empanelled manufacturers list. The vendors list of inverter manufacturers can be downloaded from MNRE / MPUVN website. You must submit the copy of Test Certificates for having complied with relevant IEC standards of the selected model along with work completion report.
3. All components of renewable energy system must comply with applicable IS/IEC standards. Please find attached a list of standards to be complied with attached with this approval letter.
4. In case of any changes required at your premises due to this proposed installation, these shall be performed by you at your own cost.

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UE

158/R/19
14-6-19

कुलसचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजाभोज मार्ग (कोयल रोड)
भोपाल

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The grid connectivity of the system shall be in accordance with the MPERC 'Net Metering Regulations 2015' dated 14.10.2015 and any amendments thereof from time to time and shall conform to requirements of Government of Madhya Pradesh's Policy for Net - Metered Renewable Energy Applications, 2016.

Net meter shall be purchased from DISCOM/ MPUVN approved vendors (as per standards of MPERC/CEA and subsequent amendments thereof) and shall be fixed at the meter point, after getting successfully tested from Discom's or their authorized laboratory at the cost of Eligible Consumer.

You shall also provide check meters when the renewable energy system capacity is higher than 250kWp.

All the safety measures and standards of the installed system must comply with requirements as stated in MPERC/CEA Regulations and all standards referred to in those regulations.

Please submit the following documents after installation of Renewable energy system:

- A) Work Completion report in provided format
- B) Test Certificate of Net meter from Discom laboratory
- C) Inspection Report by Electrical Inspector, Government of Madhya Pradesh (as notified by the State Govt.), wherever applicable, i.e. renewable energy systems having capacity above 100kW.
- D) Copy of signed Net Metering Interconnection Agreement on Rs. 500/- non-judicial stamp paper with Discom

10) The Annexure-I, II, III, IV, IX are enclosed herewith which are also available in the M.P. Policy for Decentralized Renewable Energy booklet 2016 page No.87 to 94.

This approval is valid for 180 days from the date of this letter and the renewable energy system is to be commissioned within this period, progress of system installation shall be monitored by MPUVN authorized officer / Agency and, if adequate progress is not observed MPUVN may recommend cancellation of the approval to DISCOM.

You should download the guidelines, the procedures and all technical specifications, standards and other requirements of the solar rooftop system from M.P. Policy for Decentralized renewable energy 2016 (link to web site of documents download is renewable.nic.in).

Enclosure : Annexure I Annexure II, Annexure III & Annexure IV, IX

General Manager(City Circle)
M.P.M.K.V.V.Co.Ltd.,Bhopal

Copy to:

- 1 The CGM(Comm)O/o MD(CZ)MPMKVV Co.Ltd.,Bhopal
- 2 The CGM(BR)MPMKVV Co.Ltd.,Bhopal
- 3 The DGM(HTM/West/City Construction)MPMKVV Co.Ltd.,Bhopal
- 4 The Account Officer(City Circle)MPMKVV Co.Ltd.,Bhopal
- 5 Work Section City Circle, Bhopal

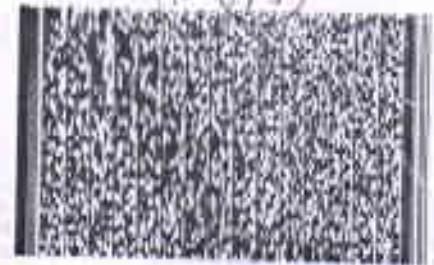
General Manager(City Circle)

o/c

सुपरवाइजर
म.प्र. विद्युत (ग्रामीण) निगम लि.
राज्यीय सड़ (बोर्डिंग रोड)
भोपाल



Registration and Stamp Department
Madhya Pradesh



Certificate of Stamp Duty

E-Stamp Details	
E-Stamp Code	01010503062019012897
Total E-Stamp Amount	500
Govt. Stamp Duty (Rs.)	500
Junpad Duty (Rs.)	0
Exempted Amount(Rs.)	0
Municipality Duty (Rs.)	0
Upkar Amount (Rs.)	0
E-Stamp Type	NON-JUDICIAL
Issue Date & Time	03/06/2019 18:30:23
Service Provider or Issuer Details	rajesh asthana/SP010541705201900015
SP/SRO/DRO/HO Details	SHOP NO -1 MIG -18 E-6 ARERA COLONY BHOPAL HUZUR BHOPAL
Deed Details	
Deed Type	Agreement or Memorandum of an agreement
Deed Instrument	If not otherwise provided for- Five hundred rupees.
Purpose	AGREEMENT
First Party Details	
Organization Name	GM CITY CIRCLE MPMKVCL BHOPAL
Address	BHOPAL BHOPAL Madhya Pradesh INDIA
Number of Persons	1
Second Party Details	
Organization Name	MP BHOJ OPEN UNIVERSITY BHOPAL
Address	BHOPAL BHOPAL Madhya Pradesh INDIA
Number of Persons	1

Agreement

General Manager (City Circle)
MPMKVCL, BHOPAL

कुलसचिव
म.प्र.भोज (मुक्त) विश्वविद्यालय
भोपाल

Digitally signed by RAJESH
ASTHANA
Date: 2019.06.03 18:32:23
IT

कुलसचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजमोहन साहू (कोलार रोड)
भोपाल



म.प्र. ऊर्जा विकास निगम लिमिटेड

(प0प्र0 शासन का उपक्रम) (ISO 9001:2008 प्रमाणित)



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क्रमांक/ऊविनि/जीसीआरटी-114/2018-19/ 1256

दिनांक 21-6-18

स्पीड-पोस्ट

प्रति,

✓ कुल सचिव,
म.प्र. भोज (मुक्त) विश्वविद्यालय,
राजा भोज मार्ग (कोलार रोड),
भोपाल -462016

विषय :- विश्वविद्यालय परिसर में 100 कि.वा. क्षमता के बैटरी बैंक रहित ग्रिड कनेक्टेड सौर फोटोवोल्टेइक की स्थापना हेतु शेष हितग्राही अंश राशि विमुक्त किये जाने बाबत।

- संदर्भ :-1. इस कार्यालय का पत्र क्र. 128 दिनांक 11.04.2017
2. इस कार्यालय का पत्र क्र. 4458 दिनांक 26.02.2018
3. आपका पत्र क्र. 341 दिनांक 20.04.2018

उपरोक्त विषयांतर्गत विश्वविद्यालय परिसर में 100 कि.वा. क्षमता के बैटरी बैंक रहित ग्रिड कनेक्टेड सौर फोटोवोल्टेइक की स्थापना हेतु निगम द्वारा माह अप्रैल 2017 में नवीन एवं नवीकरणीय ऊर्जा मंत्रालय, नई दिल्ली की तत्समय लागू बैंच मार्क लागत पर गणित अनुदान उपरांत हितग्राही अंश सूचित किया गया था। विश्वविद्यालय द्वारा माह अप्रैल 2018 में हितग्राही अंश राशि रु. 33,65,500.00 विमुक्त की गई।

नवीन एवं नवीकरणीय ऊर्जा मंत्रालय, नई दिल्ली द्वारा वर्ष 2018-19 के लिए बैंच मार्क लागत पुनरीक्षित की गई है। पुनरीक्षित बैंच मार्क लागत में पूर्व में सूचित बैंच मार्क लागत की तुलना में कमी की गई है। जिसके परिणामस्वरूप अनुदान में कमी आई है। इस संबंध में निगम द्वारा पत्र क्र. 4458 दिनांक 26.02.2018 के माध्यम से भी सूचित किया गया था कि अनुदान की कमी होने की स्थिति में अन्तर की राशि विश्वविद्यालय द्वारा देय होगी।

विश्वविद्यालय परिसर में प्रस्तावित 100 कि.वा. क्षमता के संयंत्र हेतु केन्द्र एवं राज्यानुदान में कमी होने के कारण हितग्राही अंश में रु. 2,78,485.00 की वृद्धि हुयी है।

हितग्राही अंश में हुयी उक्त वृद्धि की स्वीकृति एवं राशि विमुक्ति की प्रत्याशा में निगम द्वारा संयंत्र स्थापना हेतु मेसर्स मुंद्रा सोलर पीव्ही. लि. अहमदाबाद को कार्यदेश जारी कर दिया गया है। जिसकी पूर्णता दिनांक 21.09.2018 तक लक्षित है।

अतः आपसे अनुरोध है कि हितग्राही अंश में बढ़ोत्तरी की राशि रु. 2,78,485.00 विमुक्त करने का कष्ट करेंगे।

(श्रीकान्त देशमुख)
अधीक्षण यंत्री

प्रतिलिपि :-

जिला अक्षय ऊर्जा अधिकारी, म0प्र0 ऊर्जा विकास निगम लि0, भोपाल (शहर)।

U.E.

कुल सचिव
म.प्र. भोज (मुक्त) विश्वविद्यालय
राजा भोज मार्ग (कोलार रोड)
भोपाल

अधीक्षण यंत्री

Lenovo/E- Drive / ALL Letter Started 16-06-2014

By University

GENERAL LAYOUT OF THE PROJECT



POWER SOURCE



TRANSFORMER



LOAD



WIRING ARRANGEMENT



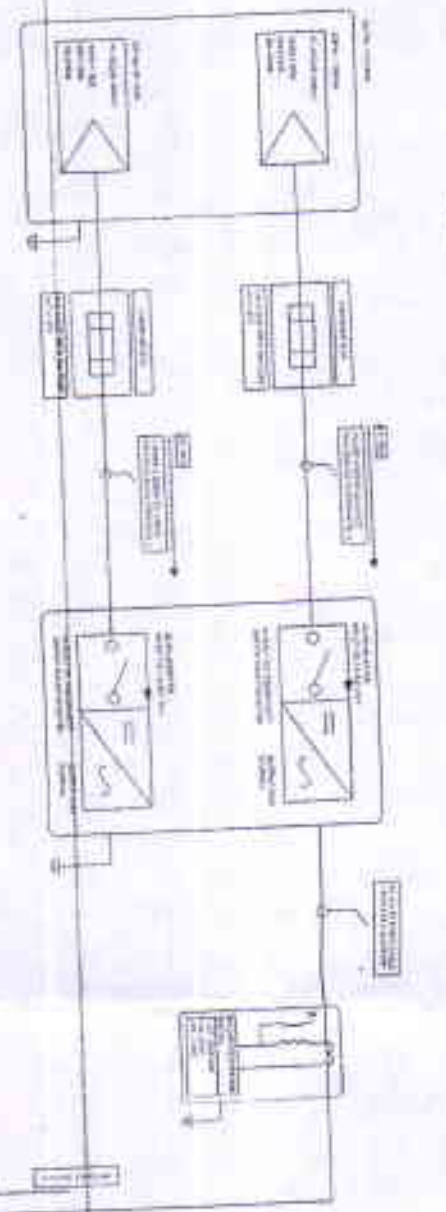
WIRING ARRANGEMENT



WIRING ARRANGEMENT



200 WATT 230 VOLT AC POWER SUPPLY



PARAMETER	VALUE
Power	200 W
Voltage	230 V
Frequency	50 Hz

WIRE TYPE	SIZE
Power	2.5 mm ²
Control	1.5 mm ²
Signal	0.5 mm ²

WIRE TYPE	SIZE
Power	2.5 mm ²
Control	1.5 mm ²
Signal	0.5 mm ²

WIRE TYPE	SIZE
Power	2.5 mm ²
Control	1.5 mm ²
Signal	0.5 mm ²

WIRE TYPE	SIZE
Power	2.5 mm ²
Control	1.5 mm ²
Signal	0.5 mm ²

म.प्र.सौर (मुक्त) विद्यापीठ
मोपल

MANAGER
HTM, WEST

23.04.2023
मोपल

Date	WV/m/yr
01-07-20	4.54
02-07-20	3.76
03-07-20	2.03
04-07-20	4.31
05-07-20	1.32
06-07-20	3.28
07-07-20	3.25
08-07-20	3.7
09-07-20	4.54
10-07-20	4.42
11-07-20	2.68
12-07-20	2.93
13-07-20	4.12
14-07-20	2.41

Dr. J. H. P. [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

MADHYA PRADESH URJA VIKAS NIGAM LIMITED, (MP Government Undertaking)

URJA BHAWAN, Main Road # 2,

SHIVAJI NAGAR, BHOPAL (MP) - 462016

Phone: 0735-2555566 / 2553595

E-mail: se.mpuvn1982@gmail.com



Ref No: MPUVN / GCRT-114/ WO / 2018-19 / 1256

Bhopal, Dated- 21-6-18

SPEED POST/REGISTERD POST

To,

M/s Mundra Solar PV Ltd.

Adani house near meethakhali six road,

Noyrangpura, Ahmadabad-380009

Sub: Work Order for components of work, consisting of Supply of Material, Erection, Installation, Completion and Commissioning (I &C) and Operation and Maintenance of 5 years (O &M) with warranty of Grid Connected Roof Top SPV Power Plant of capacity 100 kWp capacity (Without Battery Bank), with additional Electrical and other necessary works for grid synchronization and interfacing with selective electrical load points at M.P. Bhoj (Open) University, Bhopal.

Ref: 1. RFP No. MPUVN/SPVPP-NM/1-500 KWp /2016-17/3135 Dated 11.11.2016.
2. Minutes of Pre Bid meeting Dated: 05.12.2016.
3. Corrigendum dated 18.11.2016 and 24.12.2016.
4. Contract Agreement executed with you.

We are pleased to award you the work consisting of components of Supply of Material, Erection, Installation, Completion and Commissioning (I &C) and Operation and Maintenance of 5 years (O &M) with warranty of Grid Connected Roof Top SPV Power Plant of capacity 100 kWp capacity (Without Battery Bank), with additional electrical and other necessary works for grid synchronization and interfacing with selective electrical load points at M.P. Bhoj (Open) University, Bhopal as per details given below:-

1. General Details of Grid Interactive SPV Power Plant

System Capacity	Details of system		
	Solar photovoltaic modules capacity	System Electronics Grid Interactive PCU capacity	Balance of System
100 Kw	Aggregate name plate capacity equal to or more than the system capacity in kWp.	Single or multiple units with aggregate name plate capacity, in kVA equal to or more than the system capacity.	As per site requirement, scope of work, specifications of RFP document and in accordance with minimum technical standards specified by MNRE in its guidelines.

The SPV Panels, PCU, Battery, Balance of System components and works should be as per MNRE guidelines issued vide circular no. No. 30/11/2012-13/NSM dated 26th June, 2014, No. 41/06/2015-16/EVSE dated 02.01.2017 and all other relevant amendments/ above referred RFP.

कुलसचिव
म.प्र. भोज (मुक्त), विश्वविद्यालय
राजमहल नगर (कोलार रास्ता)
भोपाल

1. Scope of work

As per Annexure -I

2

(28)

a) Cost components of Grid Connected Roof Top (GCRT) SPV Power Plant Without Battery Bank.

S.N.	Capacity of GCRT (in kWp)	Total Sites	Cost of each system (in INR/kWp)	Total Cost of the Systems (in INR)
01	100 kWp	1	55501.00	5550100.00

(Rupees Fifty Five Lakh, Fifty Thousand, One Hundred Only).

Note: The above cost is inclusive of all those taxes / duties which were applicable before the date of enforcement of GST (1-7-2017). All such pre GST taxes are be deductible from above cost and applicable GST shall be payable in on the arrived cost (i.e. the above cost minus the cost paid towards Pre-GST taxes/duties) in accordance with the provision given in the RFP.

b) Additional electrical and civil works:-

- The Rates of Electrical work for interfacing of Solar Photovoltaic Power Plants with existing selective Electrical Loads shall be on the basis of at par rates of Schedule Of Rates (SOR), for Electrical works, Public Works Department (PIU), Bhopal, Govt. of M.P. in force from 1st August 2014 issued by Project Director, M.P.P.W.D Bhopal, which shall be part of this agreement. The rates of this SOR shall be binding for getting the related work executed at the allocated sites.
- The rates of Civil work for construction of battery / control room or any other related work, as per site requirement for installation of Solar Photovoltaic Power Plants, shall be as per at par the rates of Schedule Of Rates (SOR) for building works, Public Works Department, (PIU), Bhopal, Govt. of M.P., in force from 1st August 2014 issued By Project Director.
- The Rates of external electrical work, so required to be done for interfacing the system with the grid, shall be as per the relevant schedule of rates (SOR), at par, for electrical works of MP Madhya Kshetra Vidhyut Vitran Company Ltd. (MPMKVVCL).
- All amendments made in the above said SOR's of MPPWD and MPMKVVCL shall also be a part of this work order and shall be considered for execution of all necessary additional works for completion of the projects awarded.

कुलसचिव
न.प्र. भवन (मुख्य) विश्वविद्यालय
राज्यीय स्तर (बोर्डर रोड)
भोपाल

3. Site(s) for Installation:

M.P. Bhoj (Open) University, Bhopal

4. Contact Persons:

- a) Registrar, M.P. Bhoj Open University, Bhopal. (Phone.0755-2492093)
- b) Shri Sandip Saran, DREO, MP Urja Vikas Nigam Ltd. Bhopal, Urban (Mob:09893292928)

5. Performance Bank Guarantee ("PBG"):

Contractor shall be required to furnish Construction- Performance Bank Guarantee ("C-PBG"), subsequent to issuance of this work order and Operation- Performance Bank Guarantee ("O-PBG"), after completion of system(s) as specified in accordance with clause no. 3.19 of the RFP.

6. Date of Completion of Work:

The work shall have to be necessarily completed on or before 21.09.2018. Progress at various stages of work awarded shall be monitored, as stipulated in the RFP document.

7. Terms and Conditions of Payments:

As per terms and conditions mentioned in RFP document, (enclosed as per Annexure-II).

8. Documents required to be submitted for Payments:-

- a) Appropriate Bills along with Challan in Triplicate. Bill along with measurement book (MB) for all additional electrical and civil works executed (if any) duly certified by the concerned inspecting authority.
 - b) Inspection Report cum Joint Commissioning Report duly signed by Contractor and concerned Inspecting Authority of the Nigam
 - c) Coloured photograph of SPV Array, PCU and Signboard duly certified by the inspecting authority. (Four Nos.)
 - d) Handing Over Certificate duly signed by beneficiary/ and concerned Inspecting Authority of the Nigam.
 - e) A certificate from any license holder contractor / supervisor certifying that the electrical internal / external work carried out is in accordance with the norms of electrical safety standards.
 - f) I-V curve for all solar modules used in the system.
 - g) Details of project completion report as per MNRE requirement (Annexure-III).
9. Certified print out from the inspecting authority of remote monitoring system indicating various parameters

प्रमाणित किया गया
श. प्र. भोज (उप) विश्वविद्यालय
भारतीय विद्युत निगम (उपलब्ध निका)
भोपाल

Page 4 of 10

SCOPE OF WORK

(As Extracted from clause no 6 section III of RFP No. 3135 dated 11.11.2016)

6. DETAILS OF WORKS:

6.1. Designing, engineering, supply, installation, testing and commissioning of various capacities of Project as per standard design and specifications and connecting up to existing Mains/A.C.DM and interfacing internal electrical loads of Project with licensee's network/electrical loads (for Project with / without energy storage) with insurance, warranty and Comprehensive O & M for period of five (5) years from date of Completion. Contractor would have to take approval for the interfacing the Project with Grid/Electrical Loads of every location from distribution licensee. Comprehensive O & M for five (5) year (for Project with / without energy storage) shall be required for each of the Project from the date of Completion.

6.2. THE SCOPE OF WORK SHALL ALSO INCLUDE THE FOLLOWING:

6.2.1. A layout plan of the site should be submitted to the Inspecting Authority clearly indicating the identified location for installation of SPV modules and control room, where batteries and control panels shall be installed. The Contractor shall also submit the mode in which the system will operate in accordance with the provisions of Clauses 5.1, 5.2, 5.3 and 5.4 of Madhya Pradesh Policy for Decentralised Renewable Energy Systems, 2016 as amended from time to time;

6.2.2. Detailed planning of time bound smooth execution of Project;

6.2.3. Performance testing of the complete Project;

6.2.4. Comprehensive O & M of the Project for five(5) year to assure faultless operation, and inventory maintenance;

6.2.5. After sales service through service centres;

6.2.6. Coverage of risk liability of all personnel associated with implementation and realization of the Project;

6.2.7. Training of at least two persons each to be nominated by user at every location, on the various aspects of design and maintenance of the Project after Commissioning of the Project and shall also submit the drawings and designs of the cabling and other components.

6.2.8. The Successful Bidder shall maintain sufficient inventory of the spare parts to ensure that the Project is functional during the period of warranty period.

6.2.9. The Contractor shall run the Project on trial basis and shall closely monitor the performance of the Project before handing over the same. Nodal Agency shall examine the data of energy generation.

6.2.10. Comprehensive O & M of the Project at every location, from the date of the completion of Project has to be carried out by the Contractor. Comprehensive O & M of the Project shall be for the five (5) years from the date of completion.

6.3. INTERNAL ELECTRIFICATION:

6.3.1. Inspection of the existing electrical network of each of the Project site;

6.3.2. Inspection of the Project in respect of its interfacing with licensee network/identified electrical load;

6.3.3. Preparation and submission of electrical drawing for the site with quantity of material required;

6.3.4. Obtaining prior approval of the work and drawing from Inspecting Authority;

6.3.5. Execution of the work in accordance with the norms and regulation directives for testing and completion of the Project to the satisfaction of the MPUVNL;

6.3.6. Any additional work, which is not covered above but is related and required to be done. These additional works shall have to be carried out as per relevant SOR's, on prior approval of MPUVNL.

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6.4 GRID CONNECTION:

6.4.1. The Contractor shall be responsible for synchronization of the Project with licensee's network under Madhya Pradesh Policy for Decentralised Renewable Energy Systems, 2016 as amended from time to time. The Contractor shall also suggest the Category of operation of the system mentioned in above policy and intimate the Nodal Agency;

6.4.2. Assessment of the additional works required such as switch gear, transformation, isolator etc.;

6.4.3. Submission of bill of material with estimate in accordance with prevailing SOR of DISCOMs of MP, and obtaining approval of MPUVNL/DISCOMs whichever is applicable;

6.4.4. Connectivity of Project with the licensee's network.

6.4.5. Commissioning of the project as applicable.

6.5. METERING AND GRID CONNECTIVITY:

6.5.1. Metering and grid connectivity of the Projects except Category A and B would be the responsibility of the Contractor in accordance with the prevailing guidelines of the concerned distribution licensee and / or CEA and net metering provisions in the state of MP. Nodal Agency may facilitate in the process; however the entire responsibility lies only with the Contractor. (The required meters shall be provided and their costs shall be borne by User/ MPUVNL).

6.6. INSURANCE:

6.6.1. The Contractor shall also take insurance for third party liability covering loss of human life, engineers and workmen and also covering the risks of damage, theft to the third party/ material/ equipment/ properties after completion of the work(s). Before commencement of the work, the Contractor will ensure that all its employees and representatives are covered by suitable insurance against any damage, loss, injury or death arising out of the execution of the work. Liquidation, Death, Bankruptcy etc., shall be the responsibility of Contractor.

6.7. WARRANTY AND GUARANTEES:

6.7.1. The Bidder shall warrant that the goods supplied under this Agreement are new, unused, of the most recent or latest technology and incorporate all recent improvements in design and materials as per standards specified in the technical specifications of this RFP. The Contractor shall provide warranty covering the rectification of any and all defects in the design of equipment, materials and workmanship including spare parts for a period of five (5) years from the date of Completion.

6.7.2. The responsibility of operation of warranty and guarantee clauses and claims/ settlement of issues arising out of said clauses shall be responsibility of the Contractor and Nodal Agency will not be responsible in any way for any claims whatsoever on account of the above.

6.8. TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP:

6.8.1. The Bidder shall warrant that the goods supplied under this Agreement are new, unused, of the most recent or latest technology and incorporate all recent improvements in design and materials as per standards specified in the technical specifications of this RFP. The Contractor shall provide warranty covering the rectification of any and all defects in the design of equipment, materials and workmanship including spare parts for a period of five (5) years from the date of Completion.

6.8.2. The design, engineering, manufacture, supply, installation, testing, commissioning and performance of the equipment shall be in accordance with latest/ appropriate IEC/Indian Standards as detailed in the technical specifications of this RFP or its subsequent amendments. Where appropriate Indian Standards and Codes are not available, other suitable standards and codes as approved by the MNRE/ CEA/electricity regulators/ Nodal Agency shall be used. All the relevant test certifications must be kept valid up to the period of the contract (as applicable).

6.8.3. The specifications of the components should meet the technical specifications mentioned in this RFP or its subsequent amendments.

6.8.4. Any supplies which have not been specifically mentioned in this RFP but which are necessary during construction or Comprehensive O& M period of the Project shall be provided by the Contractor without any extra cost and within the time schedule for efficient and smooth construction and Comprehensive O& M of the Project.

न.प्र. भोज (मुख्य) निदेशक
राजाभोज मार्ग (कोलार रोड)
भोपाल

8.5. Nodal Agency may at its option, replace or rectify such defective materials and / or work and recover the extra cost so involved from the Contractor plus fifteen percent service charges of the cost of such rectification, from the Contractor and / or terminate the Agreement for balance work / supplies with enforcement of penalty as per Agreement.

6.9 CONSTRUCTION OF BATTERY BANK/CONTROL ROOM ETC. (AS PER SITE REQUIREMENT)

6.9.1. Assessment of requirement for construction of battery/control room or any other relative civil work essential for completion of Project;

6.9.2. Obtaining prior approval of the work, drawing and estimate from Inspecting Authority;

6.9.3. Taking up and completion of the required civil work as per specification and norms indicated in the respective items of Schedule of Rates (SOR);

6.10. PROVISION OF SIGN BOARD:

6.10.1. Contractor will have to provide sign board of dimension 8'x4' (M.S. sheet size 4'x3' of 16 gauge, M.S. angle 40x40x5 mm with essential bracing and adequate grouting with PCC 1:3:6 i/c painting and writing) at each site with complete specification and matter will be provided to the Contractor with Agreement.

6.11. REQUISITE CERTIFICATIONS:

6.11.1. **Completion Certificate:** When the Contractor fulfils his obligation under the Agreement, it shall obtain completion certificate from Nodal Agency. For the purpose of obtaining this certificate following documents shall be required:

- a) Inspection Report of the Work(s) as per prescribed format provided by Nodal Agency.
- b) Project completion/satisfaction certificate from User/Beneficiary.
- c) Document in support of performance of the system performance and achievement of CUF of 15% subject to seasonality as per provisions of Clause 3.21.1.

6.11.2. **Commissioning Certificate:** After completion of the Project, the Contractor, in coordination with the Discom, shall submit commissioning certificate of the system completed issued by the concerned Discom, in accordance with all applicable regulations/policies.

सुनील सिंह
स.प्र. बीजे(मुक्त) विद्युतविभाग
राजगोपाल नगर (जिलाद रोड)
भोपाल

TERMS AND CONDITION FOR PAYMENT

1. PAYMENT TERMS:

- 1.1. The Contractor may opt for mobilization advance of twenty percent (20%) of the work order value upon submission of bank guarantee of equivalent amount valid till date of Completion as mentioned in work order, or extended date with additional claim period of six (6) months (Format 16). Such amount would be paid for purchase of the material required for execution.
- 1.2. 80% of Work Order value shall be paid to Contractor (after adjusting the mobilization advance, if applicable) on successful Completion of the Project and submission of O-PBG of twenty percent (20%) value of Work Order and submission of documents in support of systems performance criteria.
- 1.3. For release of eighty percent (80%) payment (after adjusting the mobilization advance, if applicable), the Contractor shall present the following:
- 1.3.1. Completion Certificate as per provisions of Clause 6.11.1 of this RFP;
 - 1.3.2. Self - Certified copy of application submitted to power distribution company for connectivity of Project with grid.
 - 1.3.3. Handing over certificate duly signed by user/end consumer and Inspecting Authority.
 - 1.3.4. Appropriate Bills along with Challan in Triplicate
 - 1.3.5. Inspection Report along with duly signed completion certificate by Contractor and Inspecting Authority.
 - 1.3.6. Coloured photograph of SPV Array, Battery Bank, PCU and sign board duly certified by Inspecting Authority. Bill along with Measurement Book ("MB"), for all additional electrical and civil works executed (if any) duly certified by the concerned Inspecting Authority.
 - 1.3.7. It is desirable for the Contractor to obtain registration from MP Commercial Tax Department (TIN) else VAT and any other taxes/duties, if applicable, shall be deducted at source.
 - 1.3.8. Applicable Taxes shall be deducted at source.
 - 1.3.9. A certificate from any licensee or contractor / supervisor certifying that the electrical internal/external electrical work carried out is in accordance with the norms of electrical safety standards.
 - 1.3.10. Additionally, Contractor may be required to submit to the following, if required:
 - a. All the documents related to purchase of Panel, System electronics, Battery (if applicable) components of the Project.
 - b. All documents, premium receipts related to insurance of components of Projects.

सुपरवाइजर
श्री. बी.बी. (सुपर) विद्युत विभाग
राजमार्ग मार्ग (काठमाडौं)
भोपाल

4. Remaining payment of twenty percent (20%) of Work Order value shall be paid to Contractor on successful Commissioning of the Project and submission of Commissioning Certificate as per provisions of Clause 6.11.2. The certificate for commissioning shall not be mandatory for Category A and B.
- 1.5. MPUVNL shall recover/ adjust LD/penalty from any payments due to the Contractor. If recovery/ adjustment is not possible from payments due, the same shall be done through C-PBG/O-PBG against the work order concerned. Lastly, if recovery/ adjustment of LD/ penalty is not possible against payment due or C-PBG/ O-PBG concerned, it shall be done against any C-PBG/O-PBG of the Contractor with MPUVNL with respect to any other work. If recovery/ adjustment of LD/ penalty is not possible from payments due and C-PBGs/O-PBGs, the same shall be done through Bid Security of the Contractor.
- 1.6. In case any PBG or Bid Security is utilized, partly or fully, towards recovery/ adjustment of LD/ penalty, the same shall be replenished to its original value and validity period within seven (7) days of written communication on this behalf from MPUVNL to Contractor, failing which the Contractor shall become ineligible for further work orders being given under this RFP.

COMMISSIONING REPORT (PROVISIONAL) FOR GRID CONNECTED SOLAR PHOTOVOLTAIC POWER PLANT (with Net-metering facility)

Certified that a Grid Connected SPV Power Plant of KWp capacity has been installed at the site

district of

which has been installed by M/S

on The system is as per BIS/MNRE specifications. The system has been checked for its performance on without installation of bi-directional meter and it is working satisfactorily. The system is suitable for installation of bi-directional and gross energy meters.

Signature of the beneficiary

Signature of the rep. of supplier
With name, seal and date

Signature of the DREO
With name, date and seal

कुलसचिव
न.प्र. भोक् (मुक्त) विस्तार
स.प्र. भोक् (मुक्त) विस्तार