

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सं. स.म.प्र./देवघर/ स. म.प्र (अभि-वि:)/सोलर/का.आ. -05- 623 दिनांक- 08.02.2021
No. AAI/Deoghar/AGM(E-E)/ Solar/WO-05 - 623 Date- 08.02.2021

सेवा में,

मैसर्स सोलुज एनर्जी प्राइवेट लिमिटेड
802, प्रोफेसर एन्क्लेव CGHS 57, सेक्टर 56,
गुरुग्राम हरियाणा- 122011

To,
M/s Solluz Energy Pvt. Ltd.
802, Professors Enclave CGHS 57, Sector 56,
Gurugram, Haryana- 122011

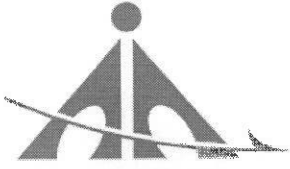
कार्य का नाम- डिजाइन, सप्लाई, इंस्टॉलेशन, टेस्टिंग और कमिशनइंग 330 KWp
ग्रिड कनेक्टेड सॉलर पीवी पावर सिस्टम एयरपोर्ट अथॉरिटी ऑफ़
इंडिया देवघर एयरपोर्ट में.

Name of Work: -Design, Supply, Installation, Testing and Commissioning of
330KWp Grid Connected Solar PV Power System at AAI,
Deoghar Airport.

संदर्भ आपकी खोली गई ई-निविदा दिनांक-21.01.2021 (Tender ID: 2020_AAI_62299_1)
Ref: 1) Your e-bid opened on 21.01.2021 (Tender ID: 2020_AAI_62299_1)

महोदय,
Dear Sir,

1. उल्लेखित, कार्य हेतु आपकी ई-निविदा के अनुसार आपके द्वारा उद्धृत कुल रु.1,14,30,971.20 (मात्र एक करोड़ चौदह लाख तीस हजार नौ सौ इकहतर रुपया बीस पैसा) सभी करों सहित (जी. एस.टी. को छोड़कर) शामिल हैं, की नियत मद दर पर अध्यक्ष, भारतीय, विमानपत्तन प्राधिकरण की ओर से एतद् द्वारा स्वीकृत की जाती है, जो कि निविदा की अनुमानित लागत रुपया 1,73,35,850.00 से 34.06% कम है।



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Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to Rs. 1,14,30,971.20 (Rupees One Crore Fourteen Lakhs Thirty Thousand Nine Hundred Seventy One Rupees Twenty Paise Only) inclusive of all taxes excluding GST, which is 34.06% below the estimated cost put to tender of Rs 1,73,35,850.00.

- उप महाप्रबंधक (अभि-वि.) परियोजना, भारतीय विमानपत्तन प्राधिकरण, देवघर हवाई अड्डा, देवघर, झारखण्ड इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु 18.02.2021 तक उप महाप्रबंधक (अभि-वि.) भारतीय विमानपत्तन प्राधिकरण, देवघर हवाई अड्डा, देवघर, झारखण्ड-814114 के कार्यालय में उपस्थित हों। संविदा करार रु.100/- (मात्र सौ रुपये) के न्यायिकेतर (नॉन-जूडिशियल) स्टॉप पेपर पर बनाया जाएगा तथा स्टॉप पेपर की लागत आपके द्वारा वहन की जाएगी।

DGM (E-E), AAI, Deoghar Airport, Deoghar, shall be the Engineer-in-Charge of the work. You are requested to attend the office of DGM(E-E), AAI Deoghar Airport by 18.02.2021 to sign and complete the contract agreement. The contract agreement shall be executed on a nonjudicial stamp paper of value Rs. 100.00 and the cost of the stamp paper shall be borne by you.

- आपकी निविदा के साथ प्राप्त रु. 3,46,717.00 (मात्र तीन लाख छियालीस हजार सात सौ सत्रह रुपया) की अग्रिम धन राशि को संविदा दस्तावेज के पृष्ठ 36 के खण्ड 17 के अनुसार प्रतिभूमि जमा के प्रयुक्त तथा संपरिवर्तित किया जाएगा। कृपाया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर शेष प्रतिभूति जमा के रूप में रु. 7,96,380.00 /- (मात्र सात लाख छियानवे हजार तीन सौ अस्सी रुपया) जमा करें अन्यथा इस राशि की कटौती निविदा कागजात के पृष्ठ 53 के खण्ड 1 A के अनुसार आपके चालू बिलों से कर ली जाएगी।

The earnest money amount of Rs. 3,46,717.00 (Rupees Three Lakhs Forty-Six Thousand Seven Hundred Seventeen only) received along with your tender will be treated and converted as part of security deposit as per Notice Inviting e-tender Clause No. 17 on page no. 36 of contract document. Please deposit Rs. 7,96,380.00 (Rupees Seven Lakhs Ninety Six Thousand Three Hundred Eighty Rupees Only) towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of Clause no. 1A at page no. 53 of tender document.

- आप से अनुरोध है कि आप संविदा श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियम एवं उन्मूलन) केंद्रीय नियम 1971 एवं न्यूनतम मजदूरी अधिनियम के प्रावधानों और बाल श्रम (निषेध और विनियम) अधिनियम 1986, निर्माण कार्यकर्ता (रोजगार और सेवा की शर्त का विनियम) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकरण अधिनियम 1996 के खण्ड 19 (ए से एम) पर पृष्ठ 89 से 95 में निर्दिष्ट है और केंद्रीय व राज्य सरकारों के तदसंबंधी नियमों का अनुपालन करें।



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You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, as specified in Clause 19 (A to M) on page no 89 to 95 of tender document and rules of Central and State Government.

5. आपको प्रबंधक (अभि-वि.) भारतीय विमानपत्तन प्राधिकरण, देवघर हवाई अड्डा, देवघर से तत्काल संपर्क करने के लिए निर्देशित किया जाता है, जो कि आपको कार्यस्थल (साइट) सौंपने की व्यवस्था करेंगे।

You are also directed to contact MGR(Engg-Elect), Airports Authority of India, Deoghar Airport, Deoghar immediately who will arrange to hand over the site to you.

6. कृपया नोट करें कि कार्य पूरा करने के लिए आपको 04 महिना का समय प्रदान किया जाता है जो इस पत्र के जारी होने के 10वें दिन से प्रारम्भ माना जाएगा।

Please note that the time allowed for carrying out the work shall be 04(Four) month and same shall be reckoned from the 10th day from the date of issue of this letter.

7. आपकी निविदा एवं इस कार्य के संदर्भ में उल्लिखित पत्र, इस पुरस्कार पत्र सहित करार का हिस्सा होंगे। कृपया नोट करें कि दोष दायित्व अवधि SCC clause No.05 Page No.197 के अनुसार(24) बारह महीने होगी /

(Your tender mentioned above under the reference for this work shall form part of the agreement along with this awarded letter. Please note that the defect liability period shall be (24) Twelve Months as per SCC clause No.05 Page No. 197.

8. निविदा के संबंध में भविष्य में किसी भी प्रकार का पत्र की व्यवहार सामान्य रूप से इंजीनियर-प्रभारी के नाम से किया जाएगा।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.

9. कृपया पत्र की पावती भेजे तथा साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप में विधिवत् हस्ताक्षर करके हमें वापस भेजे।



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Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signing it to the undersigned as a token of acceptance.

10. यदि कोई विसंगति, पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।

In case of any discrepancy, English version will be taken as correct.

भारतीय
Yours faithfully,
(पवन कुमार सिंह)
(Pawan Kr. Singh)
9570121290

स: महाप्रबंधक (अभि-वि)
AGM.(Engg-Elect)
के लिए एवं तरफ से अध्यक्ष
For and on behalf of the Chairman,
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India.

Bill of Quantity- 03 Pages

Bill OF QUANTITY

Tender Inviting Authority: Airport Authority of India, Deoghar Airport

Name of Work: Design, Supply, Installation, Testing and Commissioning of 330 KWp Grid Connected Solar PV Power System at AAI Deoghar Airport, Deoghar. (Tender Id: 2020_AAI_62299_1)

Name of Lowest Bidder

M/s Solluz Energy Pvt. Ltd

Item No	Description of Item	Unit	QTY	Rate	Amount
A	SH I: Supply of Solar PV Modules				
1	Supply Of Crystalline Solar Photo Voltaic (PV) Modules as per the technical specifications.	KWp	330	16957.50	5595975.00
B	SH II : Roof Top Solar Power at ESS Building Design, Installation, Testing & Commissioning of Solar PV Modules of Item No. 01 of SH -I and Design Supply Installation Testing Commissioning of GI Array Structure, JB's, SMUs, SCBs, DC & AC Distribution Boards, Invertors/PCUs, & Associated Cables complete as required.	KWp	76	9672.00	735072.00
1	Design, Installation, Testing & Commissioning of the Solar PV modules mentioned at Item 1 of SH I for Roof Top of ESS Building along with Design, Supply, Installation, Testing & Commissioning of the items & components mentioned below and complete as required and confirm to the technical specifications enclosed.				
i	Hot dip galvanised steel structure (Zinc coating not less than 80 micron) for mounting of solar PV modules complete as required and as specified.				
ii	Cement concrete base for the steel structure including associated foundation works.				
iii	Junction boxes/String Monitoring Units/String Connector boxes and associated incoming and outgoing DC Power Copper Cables of suitable size & rating, communication cables and control cables and accessories complete as required & as specified.				
iv	Inverters Units along with associated incoming and outgoing power cables of suitable size & rating, control cables and communication cables & accessories complete as required & as specified.				
v	Associated/required AC & DC power distribution boards along with required & designed rating control and switchgear and associated incoming and outgoing power, control & communication cables complete as required & as specified.				
vi	Aluminium power cables of Suitable size & rating from AC side of inverter to LT Panel of Substation complete as required and as specified.				
vii	Earthing & Lightning Arrestor System for complete Solar PV System, inverter rooms, invertors, AC & DC Distribution boards, Invertors, Junction Boxes, SMUs & other current carrying equipments complete as required and as specified.				
viii	Any other item/work, which is not clearly specified but required to complete the work as per the scope of work mentioned & specified technical specifications complete as required and as specified.				
	NOTE : Item No 01 of SH I & Item No 01 of SH II shall be measured and paid at the award rates as per the actual Solar Plant Capacity Installed, Capacity Demonstrated and meeting the scope of work, technical specifications and conditions of contract .				

Item No	Description of Item	Unit	QTY	Rate	Amount
C	SH III : CAR PARK Solar Power Design, Installation, Testing & Commissioning of Solar PV Modules, Design of GI Steel Structure for Car Parking, JB's, SMUs, SCBs, DC & AC Distribution Boards, Invertors/PCUs, & Associated Cables complete as required (excluding Steel Structure. Note: Supply of GI structurer Steel shall be excluding and measured in Item No. 01 of SH-IV.				
1	Design, Installation, Testing & Commissioning of the Solar PV modules mentioned at Item 1 of SH I for CAR Park area along with Design, Supply, Installation, Testing & Commissioning of the items & components mentioned below and complete as required and confirm to the technical specifications enclosed.	KWp	250	12637.00	3159250.00
i	Junction boxes/String Monitoring Units/String Connector boxes and associated incoming and outgoing DC Power Copper Cables of suitable size & rating, communication cables and control cables and accessories complete as required & as specified.				
ii	Inverters Units along with associated incoming and outgoing power cables of suitable size & rating, control cables and communication cables & accessories complete as required & as specified.				
iii	Associated/required AC & DC power distribution boards along with required & designed rating control and switchgear and associated incoming and outgoing power, control & communication cables complete as required & as specified.				
iv	Aluminium power cables of Suitable size & rating from AC side of inverter to LT Panel of Substaion complete as required and as specified.				
v	Earthing & Lightning Arrestor System for complete Solar PV System, inverter rooms, invertors, AC & DC Distribution boards, Invertors, Junction Boxes, SMUs & other current carrying equipmetns complete as required and as specified.				
vi	Any other item/work, which is not clearly specified but required to complete the work as per the scope of work mentioned & specified technical specifications complete as required and as specified.				
vii	NOTE : Item No 01 of SH I & Item No 01 of SH III shall be measured and paid at the award rates as per the actual Solar Plant Capacity Installed, Capacity Demonstrated and meeting the scope of work, technical specifications and conditions of contract .				
D	SH IV : SITC OF GI Structurer Steel at Car Parking				
i	Supply installation, testing & commissioning Hot dip galvanised steel structure (Zing coating not less than 80 micron) for mounting of solar PV modules complete as required and as specified.	Kg	10000	85.00	850000.00
ii	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.. All kinds of soil.	Cu M	70	1000.00	70000.00

e m No	Description of Item	Unit	QTY	Rate	Amount
iii	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size)	Cu M	20	1000.00	20000.00
iv	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement including centring & shuttering. - All work up to plinth level . 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	Cu M	35	1000.00	35000.00
v	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	Kg	2500	60.00	150000.00
E. SH V: MONITORING system fo Solar Power System					
1	Design, Supply, installation and testing and commissioning a solar radiation and environment monitoring system as per the requirements provided in the technical specifications and as required including soft integration of the Solar System with existing system	Job	1	52500.00	52500.00
	Total SH: I to V				10667797.00
a	1st Year (During 1st year of DLP)	Year	1	136761.16	136761.16
b	2nd Year (During the 2nd year of DLP)	Year	1	144975.36	144975.36
c	3rd Year (1st Year after DLP)	Year	1	151802.75	151802.75
d	4th Year (2nd Year after DLP)	Year	1	160443.67	160443.67
e	5th Year (3rd Year after DLP)	Year	1	169191.26	169191.26

Total SH:VI

763174.20

Gross Total

11430971.20

Total in Figures 11430971.20

(In words: Rupees One Crore Fourteen Lakhs Thirty Thousands Nine Hundred Seventy One and Twenty Paise)

Amal
08/02/21
AGM (EE)