

सं: एएआई/सिल/अभि.- वि./सौर ऊर्जा /व.ओ - 03/2023-24/ 529 - 538

दिनांक: 04.08.2023

Ref: AAI/SIL/ENGG-E/SOLAR POWER/W.O-03/2023-24/

Date: 04.08.2023

सेवा,
एम/एस. डीएस सिस्टम्स प्रा. लिमिटेड,
ओडालबकरा, नीअर साबित्री भराली एमई स्कूल,
गुवाहाटी - 781034, असम.

To,
M/s DS Systems Pvt. Ltd.
Odalbakra, Near Sabitri Bharali ME School,
Guwahati - 781034, Assam.

कार्य का नाम :- सिलचर हवाई अड्डे पर 150 KWp ग्राउंड माउंटेड सोलर पावर प्लांट की डिजाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग।

Name of Work: - Design, Supply, Installation, Testing & Commissioning of 150 KWp Ground Mounted Solar Power Plant at Silchar Airport

(Tender ID: 2023_AAI_155899_1)

प्रिय महोदय / Dear Sir (s),

- उपर्युक्त कार्य के लिए आपके ई-टेंडर, भारतीय विमानपत्तन प्राधिकरण के अध्यक्ष की ओर से आपके द्वारा उद्धरित मद दर जिसकी कुल राशि रु. 1,58,48,148/- जीएसटी के बिना (रुपये: एक करोड़ अठ्ठावन लाख अड़तालीस हजार एक सौ अड़तालीस केवल) लागत रु. 1,55,29,479/- से 2.05% अधिक है, स्वीकृत किया जाता है।

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. 1,58,48,148/- excluding GST (Rupees: One Crore Fifty Eight Lakh Forty Eight Thousand One Hundred & Forty Eight Only) which is 2.05% above the Justified cost of Rs. 1,55,29,479.00.

- सहायक महाप्रबंधक (अभि-विद्युत), भा.वि.प्रा., सिलचर हवाई अड्डा कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि आप अपना प्रत्यायित प्रतिनिधि जिसे कि आप की ओर से संविदा करार पर हस्ताक्षर करने की शक्ति दी गई है। सहायक महाप्रबंधक (अभि-विद्युत), भा.वि.प्रा., सिलचर हवाई अड्डा के कार्यालय में करार पर हस्ताक्षर करने के लिए दिनांक 14.08.2023 के अंदर उपस्थित हों। संविदा करार रु.100/- (रुपये सौ केवल) के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको ही वहन करनी होगी।

Assistant General Manager (Engg.-Elect.), AAI, Silchar Airport, Silchar shall be the Engineer-in-Charge for the work. You are requested to attend the O/o Assistant General Manager (Engg.-Elect.), AAI, Silchar Airport within 14.08.2023 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees Hundred only) and the cost of the stamp paper shall be borne by you.

- कृपया इस पत्र के जारी होने के 10 दिन में सुरक्षा जमा के लिए रु. 15,84,815.00 जमा करवा दें, ऐसा नहीं करने पर संविदा दस्तावेज की शर्त के अनुसार आपके रनिंग बिल से काट ली जाएगी।

Please deposit Rs. 15,84,815.00 towards security deposit within 10 (Ten) days from the date of issue of this letter, failing which, the same will be deducted as per condition of the Contract document.

- आपसे अनुरोध है कि संविदा श्रमिक (विनियमन एवं उन्मूलन) अधिनियम 1970 और संविदा श्रमिक (विनियमन एवं उन्मूलन) केन्द्रीय नियमावली 1971, अधिन, केन्द्रीय और राज्य सरकार के न्यूनतम मजदूरी अधिनियम और ई.पी.एफ.एक्ट, 1952 एवं ई.एस. आई. एक्ट नियमों का पालन करें।

You are requested to comply with provision of Contract Labour (Regulation and Abolition) Act of 1970 and contract (Re regulation and Abolition) Central rules 1971, Minimum Wages Act & Rules, EPF Act, 1952 and ESI act thereof Central & State Governments.

5. आपको इस कार्य के प्रभारी इंजीनियर से तत्काल संपर्क करने का भी निर्देश दिया जाता है जो आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact **Engineer-In-Charge** of this work immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि एसआईटीसी कार्य करने के लिए अनुमत समय **05 (पाँच) महीने** होगा जिसकी गणना **10 अगस्त 2023** से की जाएगी और एआईसीएमसी की अवधि **05 (पाँच) वर्ष** (02 वर्ष की डीएलपी पूरी होने के बाद) और परिचालन **07 (सात) वर्ष** (कमीशन और सौंपने की तारीख से) होगी।

Please note that the time allowed for carrying out the SITC work shall be **05 (Five) months** which shall be reckoned from **10th August 2023** and AICMC shall be **05 (Five) years** (after completion of DLP of 02 years) and Operation for **07 (Seven) years** (from date of commissioning & Handing over).

7. आपको मीटरिंग, ग्रिड कनेक्टिविटी, तकनीकी व्यवहार्यता और वितरण नेटवर्क के साथ एसपीवी संयंत्र के सिंक्रनाइज़ेशन के लिए संबंधित डिस्कॉम (एपीडीसीएल) और आईडीए / सीईए / एमएनआरई (जो भी आवश्यक हो) से सभी आवश्यक मंजूरी / एनओसी प्राप्त करनी होगी और इसे एआई को जमा करना होगा।

You have to obtain all necessary clearances / NOC from the concerned DISCOM (APDCL) & AEDA/ CEA/ MNRE (whoever required) for the metering, grid connectivity, Technical feasibility and synchronization of SPV plant with distribution network and shall be submitted the same to AAI.

8. कार्य का दोष दायित्व **24 (चौबीस) माह** होगी।

The defect liability period of the work shall be **24 (Twenty Four) months**.

9. संविदा के संबंध में आगे किया जाने वाला पत्राचार समान्यतः इंजीनियर प्रभारी से किया जाए।

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

10. कृपया इस आदेश की प्राप्ति को स्वीकार करें।

Please acknowledge the receipt of this order.

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

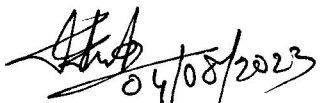
In case any discrepancy is found, then English version will be taken as correct.

धन्यवाद/ Thanking you.

Encl: 1. Schedule of Quantities

संलग्न: 1. अनुसूची की मात्रा

भवदीय / Yours faithfully

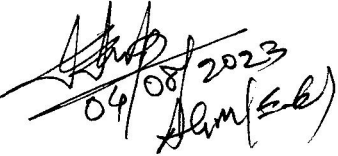

देवदीप दत्ता (DEBDEEP DUTTA)
सहायक महाप्रबंधक (अभि-विद्युत)
Asstt. G.M. (Engg.-Elect.)
भा.वि.प्रा., सिलचर हवाई अड्डा
AAI, Silchar Airport

Tender Inviting Authority: Asstt. G.M. (Engg-Electrical), AAI, Silchar Airport.

Name of Work: Design, Supply, Installation, Testing & Commissioning of 150 KWp Ground Mounted Solar Power Plant at Silchar Airport.

Tender Id: 2023_AAI_155899_1

Name of the Bidder/ Bidding Firm / Company :		DS SYSTEMS PVT. LTD.				
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT (Excluding GST) in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	SH:I - Design, Supply, Installation, Testing & Commissioning (DSITC) Design, Detailed Engineering, Supply, Installation, Testing and Commissioning of Grid Connected Solar PV Power Generation Plant of 150 KWp capacity with structure made up of aesthetically appealing hot dip Galvanised GI steel structure of min. 85 micron with PV modules of minimum 540Wp, Mono PERC half cut, Minimum Efficiency: 20.90%, suitable for 1500 VDC, fixed in anodized aluminium frame complete as required including elevated structural support systems, foundation for all components after proper soil investigation/treatment as per site conditions, proper Communication, Data, Control, Power Cables & Safety System for reverse power protection, min. IP65 rated DC DB/JB for connection of modules to inverters through DC copper cables of suitable capacity laid in heavy duty CPVC/UPVC /HDPE pipes, Power Conditioning Units, String Monitoring Units, Meters, Surge & Lightning Protection System (as per NBC 2016), Earthing of modules & structures, Water cleaning system with proper drainage, LT/HT evacuation & injection at suitable injection point as per site conditions through cables, switchgears of suitable capacity for minimal voltage drop/losses, End terminations including modification of existing LT Panel (if required) (cable laying should be in HDPE pipes of suitable size as per site conditions, MNRE guidlines & revelent IEC 62548 & IEC 61215 ,62804), Auxiliary & Control Supply System, Data Acquisition system (complete with Hardware, Software, Switchgear, Cabling, Air Conditioning of room etc.) for local & remote monitoring, communication & control cabling alongwith providing Fire Extinguishers of required numbers & capacity, LED type Lighting for general illumination in the car shed i/c wiring / cabling, MCBs, DBs, Switchs etc, Plant Solar Radiation & Environment Monitoring System, Shadow Analysis, Glare Analysis for safe flight operations, Clearance from DISCOM and approvals from other Statutory Agencies, Transportation & Insurance of material etc. and any other items/accessories/clearances/services required for successful commissioning of power plant on "Turnkey basis" complete in all respects as per the technical specifications, terms & conditions specified in the tender document and handing over the Solar PV Power Generation System to AAI. The complete system shall be under Defect Liability Period (DLP) of 02 years. Location: Silchar Airport, Assam.	1.00	Job	13920200.00	13920200.00	INR One Crore Thirty Nine Lakh Twenty Thousand Two Hundred Only
2	SH:II - All Inclusive Comprehensive Maintenance Contract (AICMC) All inclusive Comprehensive Maintenance for 05 years (after completion of DLP of 02 years) and Operation for 7 years (from date of commissioning & Handing over) of the above installed complete Solar PV Power Plant with all installations/accessories as mentioned in Item No-1 including providing of required manpower for Operation & Routine maintenance (min. 01 no. skilled Technician) including cleaning of modules, monitoring / recording the solar energy generation data and maintenance of proper records etc. as required as per the directions of EIC. 1st Year (During DLP) 1.70% of SITC Amount	1.00	Annum	236643.40	236643.40	INR Two Lakh Thirty Six Thousand Six Hundred & Forty Three and Paise Forty Only


 04/08/2023
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Sl. No.	Item Description	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT (Excluding GST) in Rs. P	TOTAL AMOUNT In Words
3	All inclusive Comprehensive Maintenance for 05 years (after completion of DLP of 02 years) and Operation for 7 years (from date of commissioning & Handing over) of the above installed complete Solar PV Power Plant with all installations/accessories as mentioned in Item No-1 including providing of required manpower for Operation & Routine maintenance (min. 01 no. skilled Technician) including cleaning of modules, monitoring / recording the solar energy generation data and maintenance of proper records etc. as required as per the directions of EIC. 2nd Year (During DLP) 1.78% of SITC Amount	1.00	Annum	247779.56	247779.56	INR Two Lakh Forty Seven Thousand Seven Hundred & Seventy Nine and Paise Fifty Six Only
4	All inclusive Comprehensive Maintenance for 05 years (after completion of DLP of 02 years) and Operation for 7 years (from date of commissioning & Handing over) of the above installed complete Solar PV Power Plant with all installations/accessories as mentioned in Item No-1 including providing of required manpower for Operation & Routine maintenance (min. 01 no. skilled Technician) including cleaning of modules, monitoring / recording the solar energy generation data and maintenance of proper records etc. as required as per the directions of EIC. 3rd Year (After DLP of 2 years) 1.88% of SITC Amount	1.00	Annum	261699.76	261699.76	INR Two Lakh Sixty One Thousand Six Hundred & Ninety Nine and Paise Seventy Six Only
5	All inclusive Comprehensive Maintenance for 05 years (after completion of DLP of 02 years) and Operation for 7 years (from date of commissioning & Handing over) of the above installed complete Solar PV Power Plant with all installations/accessories as mentioned in Item No-1 including providing of required manpower for Operation & Routine maintenance (min. 01 no. skilled Technician) including cleaning of modules, monitoring / recording the solar energy generation data and maintenance of proper records etc. as required as per the directions of EIC. 4th Year (After DLP of 2 years) 1.97% of SITC Amount	1.00	Annum	274227.94	274227.94	INR Two Lakh Seventy Four Thousand Two Hundred & Twenty Seven and Paise Ninety Four Only
6	All inclusive Comprehensive Maintenance for 05 years (after completion of DLP of 02 years) and Operation for 7 years (from date of commissioning & Handing over) of the above installed complete Solar PV Power Plant with all installations/accessories as mentioned in Item No-1 including providing of required manpower for Operation & Routine maintenance (min. 01 no. skilled Technician) including cleaning of modules, monitoring / recording the solar energy generation data and maintenance of proper records etc. as required as per the directions of EIC. 5th Year (After DLP of 2 years) 2.07% of SITC Amount	1.00	Annum	288148.14	288148.14	INR Two Lakh Eighty Eight Thousand One Hundred & Forty Eight and Paise Fourteen Only
7	All inclusive Comprehensive Maintenance for 05 years (after completion of DLP of 02 years) and Operation for 7 years (from date of commissioning & Handing over) of the above installed complete Solar PV Power Plant with all installations/accessories as mentioned in Item No-1 including providing of required manpower for Operation & Routine maintenance (min. 01 no. skilled Technician) including cleaning of modules, monitoring / recording the solar energy generation data and maintenance of proper records etc. as required as per the directions of EIC. 6th Year (After DLP of 2 years) 2.17% of SITC Amount	1.00	Annum	302068.34	302068.34	INR Three Lakh Two Thousand & Sixty Eight and Paise Thirty Four Only
8	All inclusive Comprehensive Maintenance for 05 years (after completion of DLP of 02 years) and Operation for 7 years (from date of commissioning & Handing over) of the above installed complete Solar PV Power Plant with all installations/accessories as mentioned in Item No-1 including providing of required manpower for Operation & Routine maintenance (min. 01 no. skilled Technician) including cleaning of modules, monitoring / recording the solar energy generation data and maintenance of proper records etc. as required as per the directions of EIC. 7th Year (After DLP of 2 years) 2.28% of SITC Amount	1.00	Annum	317380.56	317380.56	INR Three Lakh Seventeen Thousand Three Hundred & Eighty and Paise Fifty Six Only
Total in Figures					15848148.00	
Quoted Rate in Words		INR One Crore Fifty Eight Lakh Forty Eight Thousand One Hundred & Forty Eight Only				
(NOTE: On the increase of labour wages; difference in labour wages, EPF, ESIC & Bonus reimbursement will be made accordingly)						


 04/08/2023
 Asstt. G.M. (Engg.-Elect.)
 AAI, Silchar Airport