

**Cemtral Research Station** 

Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola

Email: directorcrs78@gmail.com

Out. No. CRS/Dev/ 892 /2024

Date: 10/09/2024

To,

Officer Incharge

Agriculture Research and Infiramtion Centre,

Dr. PDKV, Akola

Subject: Regarding wide publicity for E-tender for supply, installation and maintananace

of Solar Fence

With reference to subject cited above, every year there was drastic damage to seed

production programme of various crops at two major farms of Dr. PDKV Akola by wild

animals and stray cattles for the protection of seed production plots solar power fence is

effective hence the E tender procedure for the same is followed. Therefore, it is requested

that the for wide publicity E-tender form and notice for supply, installation and

maintenanace of solar fence may please be upload on university website.

Encl: As above

Director

Central Research Station

Dr. PDKV, Akola

e service





#### DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH

AKOLA - 444 104 (Maharashtra)

### E-TENDER DOCUMENT 2024-25

E- Tender No. Dy. Dir./CRS/Chairman/E-Tender/Solar Fence/ 773/2024 Date:23.08.2024

Sub.: Supply, Installation and Maintenance of Solar Power Fence

(E-Tender (Rate based) should be submitted online)

Last date of online submission and acceptance of Technical Bid

27.09.2024 up to 17.00 Hrs.

E-Tender to be uploaded at www.mahatenders.gov.in

CHAIRMAN, FOR SUPPLY, INSTALLATION AND MAINTENANCE OF SOLAR
POWER FENCE AND DY. DIRECTOR, CENTRAL RESEARCH STATION

DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH

Krishi Nagar, Akola - 444 104

Web: www.pdkv.ac.in

Chairman, & Dy. Director, CRS, For Supply, Installation & Maintenance of Solar Power Fence Dr. PDKV, Akola, Maharashtra

## Tender schedule for E-tender notice 2024-25

## (Supply, Installation and Maintenance of Solar Power Fence)

SI	Particulars	Date	Time	Envelops
1.	Release Tender	16.09.2024	10.00	
2.	Pre bid conference date, tin 11.00 hour in the office of Station, Dr. PDKV, Akola	· ·		
3	Close for Technical bid	27.09.2024	17.00	Technical envelop T1
4	Close for Price bid	27.09.2024	17.00	Commercial envelop C1
5	Opening of technical bid	30.09.2024	11.00 If possible	Technical envelop T1

Chairman, & Dy. Director, CRS, For Supply, Installation & Maintenance of Solar Power Fence Dr. PDKV, Akola, Maharashtra

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### TENDER FORM

# FOR SUPPLY, INSTALLATION AND MAINTENANCE OF SOLAR POWER FENCE Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola

То	, The Chairman,
	For Supply, Installation and Maintenance of Solar Power Fence & Dy. Director, Central Research Station Dr. PDKV, Akola,
	Maharashtra.
Re	spected Sir,
1.	In response to the tender notice published in the daily newspaper dated
	Or on website www.pdkv.ac.in, I/We submit herewith the tender form for
	Supply, Installation and Maintenance of Solar Power Fence (सीर उर्जा कुंपण)
2.	I/We have thoroughly examined and understood the general and specified terms and conditions of
	the tender form and I/We agree to abide by them and in testimony I had signed the declaration
	affidavit and undertaking.
3.	I/We agreed to Supply, Installation and Maintenance of Solar Power Fence (as per technica
	specification) accordingly have quoted the rates inclusive of all taxes, freight, etc.
4.	I/We shall be bound by communication of acceptance of the offer, dispatched within prescribed
	time.
5.	I/We accept that the right to accept or reject whole or part of the tender without assigning any
	reason is reserved with the Chairman, for Supply, Installation and Maintenance of Solar Power
	Fence and Dy. Director, Central Research Station, Dr. PDKV, Akola. The decision of the
	chairman of committee will be final and shall be binding on me/us.
6.	Online payment fee of tender fee and EMD for Supply, Installation and Maintenance of Solar
	Power Fence done.
7.	I/We agree for Supply, Installation and Maintenance of Solar Power Fence as per the
	specifications of the final orders for the period specified in special conditions of the concerned
	activity.
8.	As per the terms and conditions, we are submitting our offer in two envelopes. The documents

rates quoted by me/us.

are enclosed in envelop no. 1 (Technical envelope) along with copy of PRN number of EMD and tender fee or EMD exemption certificate. The envelope no.-2, (Commercial envelope) contains

- 9. I/We also agree that Chairman of committee has full rights to open/consider the commercial envelope only, if chairman is satisfied with contents in Technical envelope. The decision of the chairman regarding this will be final and binding on me/us.
- 10. I/We hereby declare that the entries made in this tender form and enclosed draft of agree ...,........ on apex are binding for me/us. To facilitate checking and as a step for ensuring that all documents are enclosed. I have numbered all documents and attested copies. As provided in this tender I have filled relevant entries in the checklist provided along-with this form & same is enclosed in Technical envelope.
- 11. Committee will open both the envelopes simultaneously but if the documents and EMD are not as per the terms and conditions then offer will not be considered.

The following documents duly filled in and signed, are enclosed along-with the tender.

#### Enclosures:

- 1) Envelop No. 1 (Tender form duly filled, Along with all necessary documents, Checklist of documents, scanned copy of PRN No. or EMD exemption certificate and declaration etc.)
- 2) Envelop No. 2 (Price bid)

Place	2	Yours faithfully,
Date		
	,	Name and Signature of the Tenderer/Contractor
	÷	Phone No

#### E-TENDER NOTICE

Ref. No.: E-Tender No. Dy. Dir./CRS/Chairman/E-Tender/Solar Fence./ 773/2024 Date: 23.08.2024

Subject: Supply, Installation and Maintenance of Solar Power Fence

- 1. Eligibility Criteria: This is time bound activity hence participant must have capacity to supply, installation and maintenance the solar power fence in stipulated period given in the tender or as per order issued from time to time by Dr. PDKV, Akola.
- 2. For detailed Tender Notice and Tender Forms please visit our website www.pdkv.ac.in.
- 3. E-Tender documents containing the terms and conditions of supply and detailed specifications can be downloaded from the E-Tendering portal of Govt. of Maharashtra at <a href="www.mahatenders.gov.in">www.mahatenders.gov.in</a>. Help desk No. 9689896860
- 4. The last date of online submission of E-Tender & Technical Bids is 27.09.2024 up to 17.00 Hrs.
- 5. For e-Tender submission, the interested parties may upload the tender document complete in all respects on the e-Tendering portal of Govt. of Maharashtra at www.mahatenders.gov.in. The filled e-tender be uploaded with the scanned copy of PRN No. received from Bank against online payment of EMD and Tender Fee. In case of parties claiming SSI or MSME exemption the option "EMD Exemption" should be opted while uploading the tender. The copies of PRN as the case may be, must be submitted in the technical Bid online or before the last date of submission at the office of CHAIRMAN, FOR SUPPLY, INSTALLATION AND MAINTENANCE OF SOLAR POWER FENCE AND DY. DIRECTOR, CENTRAL RESEARCH STATION, DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH, KRISHI NAGAR, AKOLA- 444104 without which the tender will be taken as incomplete and non-responsive and shall not be considered. The e-tender fee shall be non-refundable. The tenders will not be accepted beyond the stipulated date and time under any circumstances what so ever. The Price-Bid will be accepted online only and not in physical form.
- 6. The EMD will be is Rs. 50,000.00 (In Words Fifty thousand rupees only) and tender fee will be Rs. 5000/- (Non- refundable)
- 7. The bidders are requested to familiarize themselves with the use of the e-Tendering portal of Government of Maharashtra and the requirements for submission like registration on the portal, use of digital signature etc. well in advance. The bids need to be signed by digital signature as per the requirements of the e-Tendering portal.
- 8. The last date of online submission of e-Tender & Technical Bids is 27.09.2024 up to 17.00 Hrs. Technical Bid of all the E-Tenders received in time will be opened on 30.9.2024 at 11.00 Hrs. (if possible), in the presence of interested tenders parties.
- 9. The Chairman, for the Supply, Installation and Maintenance of Solar Power Fence and Dy. Director, Central Research Station, Dr. PDKV, Akola reserves the right to accept or reject any or all the tenders/cancel the tenders without assigning any reason thereof.

Chairman,
for Supply, Installation and
Maintenance of Solar Power Fence
& Dy. Director, Central Research Station
Dr. PDKV, Akola

#### SECTION - I (PART-A)

#### INSTRUCTIONS TO E-TENDERERS, TERMS AND CONDITIONS OF E-TENDER:

The objective of this tender is for supply, install and maintenance of Solar fencing equipment to AGRICULTURE FARM for reducing the Human -Wildlife conflict by erecting the solar power fencing around the agriculture farm and to prevent the damage to the crops by the wild animals. With the aforesaid broad objective, to protect the seed production plots, research trials of different kharif, rabi and summer crops and also fruit crop plants from wild animals, stray cattle etc.

Invites proposal from reputed companies/ firms / Bidders for supply with installation and maintenance of solar fencing system to the university agriculture farms as under.

SN	Details of Work	Rate
	Supply, installation and maintenance of Solar Power Fence with 6.5 ft above ground level with 10 lines 2 ft below ground	Rs. per meter
1	level, main post and support post to be grouted in concrete mix	
	and intermediate hammered in the ground (Including all items	
	mentioned in technical specification at Annexure I) for the year 2024-25 and 2025-26.	

#### INVITATION OF OFFER:

1.1 Sealed e-tenders (in Two Bid System) are invited for the Supply, Installation and Maintenance of Solar Power Fence 2024 as stated in e-tender notice no. E- Tender No. Dy. Dir./CRS/Chairman/E-Tender/Solar Fence./ 773/2024 Date: 23.08.2024

#### **ELIGIBILITY CRITERIA:**

- 2.1 This is time bound activity hence participant must have capacity supply the material in stipulated period given in the tender or as per order issued from time to time by Dr. PDKV, Akola.
- 2.2 E-Tender complete in all respects should be submitted in Two Bid System online at the E-Tendering portal of Govt. of Maharashtra at www.mahatenders.gov.in. If possible the e-tenders would be opened on 30.09.2024 at 11.00 hrs.(Technical Bid) in the presence of E-tenderers/e-tenderer's representative present at the time of opening.
- 2.3 Technical Envelope containing all the necessary documents in the form of PDF files / Scanned images. These documents need to be digitally signed by authorized digital signature and uploaded during online bid preparation stage. Original copies shall be kept ready at the time of opening of the tender.

#### TWO BID SYSTEM:

- 3.1 During online submission of e-Tender, the copies of all e-tender documents as detailed below along with the scanned copy/copies of PRN Number received from bank against the online payment of e-tender fee and EMD must be uploaded. The copy of the PRN slip towards EMD must be submitted in the technical bid online and not in physical form. The technical-bid must be digitally signed by the e-tenderer; else it is liable for rejection. In case of physical submission, only Technical Bid has to be submitted and Price- Bid has to be submitted online and not in physical form.
- 3.2 Technical Bid for online submission

The following documents should be uploaded in the Technical Bid

- a. The scanned copy of PRN Number received from bank against the online payment of E-Tender fee (Non-refundable) and EMD must be uploaded during online submission.
- b. In case of party claiming SSI or MSME exemption the option "EMD Exemption" should be opted while uploading the tender.
- Valid Exemption Certificate of SSI, MSME, Co-operative Units and Govt. Parties should be submitted in the physical form.
- d. Acceptance of Terms and conditions of the e-Tender form (Technical Bid) Section-II (Part-A) Technical Details Section-I (Part-B) along with relevant documents digitally singed for online submission and duly signed for physical submission.
- e. The scanned copies of GST certificate, PAN and IT returns (last three years).
- f. Other documents in support of claims as mentioned in Section-I and Section-II by the tenders. The above documents must be uploaded online and enclose during physical submission else the Tender is liable for rejection.

#### 3.3 PRICE BID FOR ONLINE SUBMISSION ONLY:

The Price-Bid has to be submitted online only and not in physical form. This bid must be digitally singed along with all the details filled in else the tender is liable for rejection.

- 3.4 Tenderers must affix seal and put address on Technical Bid Envelope.
- 3.5 If relevant papers / documents are not found in Technical Bid envelop or even if price bid is found in Technical Bid, then also the tender will be considered as non-eligible and will stand rejected.

#### REJECTION OF E-TENDER:

- 4.1 Any party not fulfilling the conditions of Technical Bid shall be out rightly rejected.
- 4.2 Offers with alternatives to the specification given in the tender will be out rightly rejected.
- 4.3 Conditional tender shall not be considered. Printed terms and conditions of the tenderer shall not be considered as forming part of their tenders. In case any terms and conditions of the Contract applicable to this invitation to tender are not acceptable to tenderers, they should clearly specify deviation in their tender. Dr. PDKV reserves the right to accept or reject them. Dr. PDKV shall not be bound to give reasons for the refusal to consider the tender with deviations.
- 4.4 The Tender analysis will be done and technically and commercially eligible parties as decided by the competent Authority of Dr. PDKV will only be considered eligible. The process of competitive bidding involves the right to implement suitable evaluation process as considered best in the interest of Dr. PDKV.
- 4.5 Price Bid of eligible parties will only be opened.
- 4.6 No erasure or alteration is permitted in the documents submitted by e-Tender Parties (either in Technical or Price Bid), any such erasure or alteration if done, should be countersigned, failing which tender is liable for rejection.
- 4.7 Conditional bids will not be accepted.

#### **OPENING OF PRICE BID:**

5.1 The Price Bid of all eligible parties will be opened online as stated in tender (if possible), if not possible it will be opened on suitable date which will be informed to the tenderer participated or will be displayed on our website.

#### RATE OFFER:

- 6.1 The rates offered should be for items specified in tender along with the terms and conditions given and should be:-
- a) Free door delivery with supply installation and maintenance at the offices under the jurisdiction of Dr. PDKV, Akola and including all charges/Taxes etc.
- b) Inclusive of all Taxes (including turnover tax), Duties (Excise, Special Excise, Service Taxes, Cess), Packing and forwarding charges, GST etc.

#### PRICE NEGOTIATION:

7.1 All the right for price negotiation is reserved by the Dr. PDKV. Committee is free to decide the course and method to be adopted for the negotiation purpose.

#### SPLITING OF TENDER:

8.1 Committee reserves the right to split the order amongst more than one party at the tender lowest rates, without assigning any reason thereof. The party who offered lowest rate (L1) will be given preference and competent authority will decide the number of parties amongst whom the order should be splited.

#### RETENDER:

- 9.1 The Item shall be re-tendered under the situation that during evaluation of tender (Technical Bid) the No. of eligible tender parties found are less than two. However, if Competent Authority thinks that the item required urgently, one eligible tender can be considered.
- 9.2 Extension of time and date for acceptance of Tender shall be considered, keeping in view the No. of tenders received up to due date and time.
- 9.3 The item shall be re-tendered when the lowest rates received in the tender are not acceptable to Tender committee, Dr. PDKV. Akola.

#### **CLARIFICATION REQUIRED BY E-TENDERER:**

10.1 Any clarifications required in connection with the tender, may be obtained from the office of CHAIRMAN, FOR SUPPLY, INSTALLATION AND MAINTENANCE OF SOLAR POWER FENCE AND DY. DIRECTOR, CENTRAL RESEARCH STATION, DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH, KRISHI NAGAR, AKOLA- 444104 before submission of their offer.

#### **EARNEST MONEY DEPOSIT:**

- 11.1 Earnest money deposit as stated in tender notice should be paid online during uploading the e-tenders on the e-tendering portal of Govt. of Maharashtra www.mahatenders.gov.in. The scanned copies of PRN number received from bank against the online payment of EMD must be uploaded during online.
- 11.2 No Interest will be allowed on the Earnest Money from the date of its receipt until it is refunded.
- 11.3 Earnest money shall be paid via online using NEFT/RTGS or payment gateway mode. After Tender opening, the EMD of the unsuccessful bidder will be returned to account provided by the bidder during the bid preparation as given in challan under Beneficiary Account Number by the online system.
- 11.4 Earnest Money in the form of cheques or any other form except above will not be accepted.
- 11.5 Income Tax Returns/ Balance Sheet
  - Self-attested copies of Income Tax Returns of the firm for last three consecutive years or Balance sheets of last two consecutive years duly certified by a chartered accountant required as a proof to establish the financial capacity of the supplier/ contractor. (Need not be given if submitted already in the financial year)

#### FORFEITURE OF EMD:

12.1 In the event of a tenderer, whose tender is received within the closing date and time of the tender as specified, withdrawing his tender before the receipt of final decision or in the event of tenderer whose tender has been accepted, failing to execute an agreement within 7 days from the date of giving the offer and/or failing to deposit Security amount within 10 days from the date of

- executing an Agreement, the Earnest Money deposited by such tenderer shall be forfeited without any intimation and in the later case the tender also shall be cancelled and order will be placed with other party/parties either from tender process or from open market and any excess expenditure incurred by Dr. PDKV shall be recovered from the defaulting party.
- 12.2 When the party has declared in Technical Bid that his offer is as per the tender specifications but eventually differ in specifications given in Price-Bid his offer shall stand invalid and the EMD will be forfeited.
- 12.3 When the party is declared in Technical Bid that party has available all materials as per specification and make for the Supply, Installation and Maintenance of Solar Power Fence quoted and when the same is not confirmed during the visit by committee of Dr. PDKV officials for technical verification at particular working site the EMD of such parties will be forfeited.

#### AWARD OF TENDER, EXECUTION OF AGREEMENT:

- 13.1 The successful parties shall be awarded the tender considering their capacity and if feel necessary based on the report of the technical committee. Decision for the quantity to be ordered to the successful tenderer and splitting the order quantity is reserved by Dr. PDKV, Akola
- 13.2 A written offer will be issued to successful tenderers for executing the Agreement within 7days from the date of issue of letter on an appropriate non-judicial stamp paper. The cost of the stamp paper will have to be borne by the tenderer based on the value of the overall tender cost/price.
- 13.3 Detail Orders will be issued to the party after agreement made on stamp paper regarding terms and condition and maintenance of solar fencing for three years. The order will include Rate as per structure size along with other terms and conditions, which would be the
- 13.4 The rates quoted should be inclusive of Non-Comprehensive OPERATIONANAL MAINTENANCE AGREEMENT CONTRACT for a period of Three Year for the Solar Fence System installed, which comprises of the actual fence and all components used on it as well as for the Fence Controller and Battery which is being the hardware for the proper working of the fence. Total visits will be 6 preventive Maintenances by monthly and 4 Emergency breakdown per year. Material will be billed at actual.

## REQUIREMENT, SPECIFICATION AND DELIVERY SCHEDULE WITH SPECIAL TERMS AND CONDITIONS OF CONTRACT IF ANY:

- 14.1 Requirement, Specification and tentative Delivery Schedule with special terms and conditions are given in Annexure-1 in detail.
- 14.2 It should be noted that tender quantity can decrease/increase to any extent depending up on the requirement.

#### RIGHT FOR ACCEPTANCE OR REJECTION OR SPLITING OF TENDER

15.1 Dr. PDKV, Akola reserves the right to accept or reject any or all the tenders/Cancel any Item of the tender and split the order for any quantity to more than one party at the tender lowest rate without assigning any reason thereof.

#### SECTION - I (PART - B)

## GENERAL TERMS AND CONDITIONS OF CONTRACT VALIDITY PERIOD OF THE AGREEMENT: (RATE VALIDITY)

- 16.1 The validity period of the agreement (Rate) will be for a period of 31.03.2026 from the date of signing the agreement by the contracted party. During this validity period, Dr. PDKV considering the exigencies may place the additional orders with the parties for supply, installation and maintenance of solar power fence, over and above the agreement quantity, to any extent at the agreed and approved rates. Thus rates will be valid up to 31.03.2026 from the date of signing of the agreement by contracted party for supply, installation and maintenance of solar power fence, over and above the agreement quantity, to any extent at the agreed and approved rates even though agreement is made for certain quantity.
- 16.2 The rates quoted should be including of maintenance charges for three years.

#### DELIVERY DESTINATION AND SUBMISSION OF BILL:

- 17.1 The successful contracted party shall arrange to supply, installation and maintenance of entire solar power fence with all necessary materials (as mentioned in Annexure I) and requisite civil work like digging of pits, erection of poles, fitting, labour charges etc. to the respective blocks / offices under Dr. PDKV, Akola door delivery with free unloading (supply and installation), within time schedule and partial modifications made if any and mentioned in the orders placed time to time, during the contracted period.
- 17.2 GST should be mention separately in the final credit bill as per GST standard bill proforma provided by Govt.
- 17.3 The bills should be submitted with due acknowledgement of our receiving unit along with official stamp and date of receipt of item supplied/work at receiving unit. Receipt should be submitted in the specimen given in the order by Dr. PDKV, Akola. Collection of acknowledgement will be the responsibility of supplier.

## QUALITY OF MATERIAL AND USE OF MATERIAL PRIOR TO RECEIPT OF INSPECTION / TESTING REPORT OF THE CONSIGNMENT:

- 18.1 The supplies must confirm to the specification given by the Dr. PDKV failing which Dr. PDKV will not accept material. If the material is accepted and there after observed deviation/unfit for use after testing reports are received, the material will be declared as 'Rejected Material' and work will stop.
- 18.2 Rejected material will be returned to the party after cancellation. Party will have to pay the expenditure incurred for cancellation of material, before taking delivery. The party must lift the material within 10 days of intimation failing which storage charges decided by Dr. PDKV will have to be paid by the party before taking delivery of the rejected material. Three Show- Cause Notices at 10 days intervals will be issued to the party by Registered AD. If party does not lift the material it will be disposed off after third notice and cost of material paid and disposal charges if any will be recoverable from the supplier.
- 18.3 The Dr. PDKV presumes that the materials dispatched are exactly as per contracted specifications, therefore, may utilize the material even before the receipt of the inspection report of the said consignment. If the material is found having inferior in quality later, deductions from payment shall be made on pro-rata basis for the used quantity plus penalty if proposed by Competent Authority.

#### SECURITY DEPOSIT:

- 19.1 The successful tenderer will have to remit Security Deposit @ 2% of the value of agreement or as per order quantity worked out at the approved rates in the form of Demand Draft (of Nationalized/ Scheduled Bank only), drawn in favour of the respective offices, Dr. PDKV, Akola
- 19.2 The Successful tenderer will have to remit Security Deposit within 10 days from the date of Agreement, failure of which EMD will be forfeited and contract will be treated as cancelled and order will be placed with other party/parties either from tender or from open market and any excess expenditure incurred by Dr. PDKV shall be recovered from the defaulting party.
- 19.3 The Security money would be retained up to the validity period of the Agreement / till confirmation and observance of terms and conditions of tender and will be refunded thereafter without any interest on the Security Deposit after completion of procedure, If the job is completed by the party satisfactorily. Most probably security deposit will be released at the time of final payment only. No interest is payable on security deposit till it is released.

#### Payment:

- 20.1 Interest will not be given on the retention money.
- 20.2 It will be the responsibility of supplier to bring the acknowledgement of material supplied from the receiving destination complete in all respect without which payment will not be released.
- 20.3 Payment will be made by cheque. Payment will be released from respective offices under Dr. PDKV. Akola after satisfactory work as per the specifications.

#### Failure in work order/agreement quantity and forfeiture of Security Deposit:

21.1 The contracted firm should supply the material as per delivery schedule given in the orders placed from time to time during contracted period, which presume to be the part of the agreement carried due to this tender process. The committee will have rights to forfeit the Security Deposit in the event of failure of part or complete work and order will be placed with other party/parties either from tender or from open market and contracted party will have binding to pay the differences towards the additional expenditure incurred for effecting such purchases from other parties.

#### Acceptance of Delayed Supplies:

- 22.1 Dr. PDKV reserves the right for acceptance of the delayed work by imposing penalty and the Grace period for acceptance of delayed work with penalty will be maximum 15 days from the last date of work order or as per decided by E-tender Committee. Thereafter party will be considered as failure.
- 22..2 For granting grace period for acceptance of delayed work with penalty, parties should request in writing for the same minimum 7 days in advance from the last date of completion period putting the reasons, failure of which their request to consider delayed work with penalty may not be put for consideration.

### RIGHT TO CHANGE/MODIFY THE ORDER TERMS/CONDITIIONS ETC.:

23.1 The entire contents of the tender documents shall form part of the Agreement unless changed or modified by part or whole separately. No additional terms and conditions raised / claimed by the contracted firm will be entertained other than reflected in prescribed tender form issued and entertained under this agreement.

23.2 The e-tender committee reserves the right to change/modify the conditions or incorporate additional ones if deemed necessary and the same will be binding on Contracted firm. The intimation given in official letter / form from the authorized signatory on behalf of Dr. PDKV will be treated as modified version of the terms /conditions and ultimately will be the part of this agreement. No contracted firm will liable for any claim what so ever in the matter.

#### ARBITRATION:

- 24.1 All disputes or differences in relation to this Contract or the interpretation of any of its terms or implementation thereof or arising out of, or concerned directly or indirectly with the contract will be referred to the Arbitration of the Vice Chancellor, Dr. PDKV, Akola who shall have the power to inquire into all the facts of case and to interpret the terms of this agreement and whose decision shall be binding on both the parties.
- 24.2 The venue of Arbitration shall be Akola. The Arbitrator shall have power with the consent of the parties to extend the time for making and publishing the award.

#### 25 No Deviation Statement: (Please see FORMAT- II)

The no deviation statement must have mention of the make & standard of the items quoted by the bidder against the tender, specification of the equipment tendered, specification of the equipment offered and deviations in specifications if any.

Bidder must detail the pro forma in format 2 and mere certifying that 'There is no deviation between tender specifications and specifications quoted by the bidder is not acceptable and such bids are likely to be rejected.

26 Standard Mark Certificates The firms must have IEC/BIS/ certification (whichever applicable) for solar fencing module/ equipment. Those firms/ companies/ bidders not having IEC/BIS certification for the solar fencing equipment shall not be eligible for bidding. The detail of the technical specification required is attached herewith as Annexure I. The solar fencing equipment of the concerned firm/company/ bidder must fulfill all the technical specifications mentioned in Annexure I. Those firms/ companies/ bidders which do not fulfill the criteria of technical specifications mentioned in Annexure I shall be disqualified and shall not be eligible for bidding.

#### 27 Declaration by the bidder (Please see FORMAT -III)

Copy of Declaration duly signed by bidder regarding acceptance of all tender conditions and also penalty clause, Risk purchase clause, fall clause. These clauses are displayed on website of Govt. of Maharashtra under Tender Purchase section.

#### 28. Work Related

Rates should be including complete installation of Solar fencing. No labours will be provided by Dr. PDKV, while working / installation of solar fencing if, any accident happened and injury to labour or damage to material, then the whole responsibility is of tenderer. While working / installation of solar fencing if, any damage caused to university property, the requisite amount will be recovered from tenderer.

#### TECHNICAL ENVELOPE (T1):

First of all, Technical Envelope of the tenderer will be opened online through e-Tendering procedure to verify its contents as per requirements. If the various documents contained in this envelope do not meet the requirements, a note will be recorded accordingly by the tender opening authority and the said tenderer's Commercial Envelope will not be considered for further action but the same will be recorded. Decision of the tender opening authority shall be final in this regard.

#### PRICE BID / COMMERCIAL ENVELOPE (C1):

This envelope shall be opened online as per the date and time given in detailed tender schedule. The financial bids shall not be opened fill the completion of evaluation of technical bids. Commercial Bids of only technically qualified Bidders as mentioned above will be opened.

The Contractors may remain present in the Office of the Tender Opening Authority at the time of opening of Financial Bids. However, the results of the Financial Bids of all Contractors shall be available on the ADF e-Tendering Portal immediately after the completion of opening process.

#### JURISDICTION FOR LEGAL MATTERS:

29.1 If any dispute arises and if for any reason the matter has to be referred Court of Law, Akola Civil Court alone will have the jurisdiction in the matter irrespective of registered place of Contracted firm or any point or place of Dr. PDKV., Akola

#### SECTION - I (PART: C)

#### OTHER GENERAL TERMS AND CONDITIONS:

- 1. The tenderer/ agencies should be a sole agency being firm partnership / limited labiality company or legal entity under Indian Companies Act.
- 2. The tenderer/agencies should not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of aforesaid reasons, not stand declared ineligible/ blacklisted/ banned/ debarred by the Procuring organization or its Ministry/ Department from participation in its Tender Processes.
- 3. Annual financial turnover of firm should be minimum 1-1.5 crore rupees and above for last 4 years
- 4. Tenders should be submitted in two bid system i.e. technical bid and price bid. Price bid shall be open of those firms who have qualified in technical bid.
- 5. List of Clients should be enclosed for reference, so that our technical committee may contact or visit site.
- 6. Detailed technical drawings of the work should be enclosed by tenderer.
- 7. The bidder/tenderer should be a profit-making company.
- 8. Firm should have experience of at least 5 years for similar works\* (Documentary evidence should be enclose).
- 9. The all rates of structures and all other works must be inclusive for all taxes and maintenance cost for three years. Mention GST separately.
- 10. The firms must have IEC/BIS/ certification (whichever applicable) for solar fencing module/ equipment. Those firms/ companies/ bidders not having IEC/BIS certification for the solar fencing equipment shall not be eligible for bidding. The detail of the technical specification required is attached herewith as Annexure I. The solar fencing equipment of the concerned firm/company/ bidder must fulfill all the technical specifications mentioned in Annexure I Those firms/ companies/ bidders which do not fulfill the criteria of technical specifications mentioned in Annexure I shall be disqualified and shall not be eligible for bidding.

(\*Similar works mean: Supply, Installation and Maintenance of Solar Power Fence: Central/State Govt. Institution)

## (To be printed on the letter head of the firm)

## FORMAT - I

## AUTHORISATION LETTER

ĮO,
The Chairman,
For Supply, Installation and Maintenance of Solar Power Fence
& Dy. Director, Central Research Station
Dr. PDKV, Akola, Maharashtra.
Sub: Authorized dealer or manufacture for submission of Tender for Supply, Installation and Maintenance of Solar Power Fence.
Ref: Your Tender No Due on
Dear Sir,
With reference to above, this is to inform you that. We, are an
established manufacturer/dealer for Supply, Installation and Maintenance of Solar Power Fence
having factory at since 19/20
We do hereby authorize M/sto quote and negotiate
for items mentioned in tender enquiry numberDue on
We further undertake that the whatever the materials supplied for the supply, installation and maintenance of solar power fence by M/s will be fully supported by us during and after the warranty period and all service calls will be attended by us / our authorized service provider promptly.
The list of Authorized service providers in India/ Maharashtra is attached herewith.
Thanking you.
For
Authorized Signatory .
Date Name-
Place -
Designation –

### (To be printed on the letter head of the firm)

### FORMAT- II

No.		
Date	•	

### No Deviation Statement

	tion and Maintenance of tral Research Station	Solar Power Fence	
	aterials mentioned in th	nt giving comparison of ounce tender no.	
Specification of materials stated in Tender Enquiry step by step	materials offered by Bidder step by step	deviation from the tender specification Yes / No	If yes, indicate clearly the deviations and your justification for deviation
. 1	2	3	4

Signature of Bidder with Seal

## (To be printed on the letter head of the firm) FORMAT- III

### "DECLARATION OF THE TENDERER"

1)	That I / We	am / are the authorized nominee(s) of				
	the firm	hereby submit tender to the University for the Supply,				
		ce of Solar Power Fence to Chairman, for supply, installation and				
	maintenance of solar pov	er fence and Dy. Director, Central Research Station, Dr. PDKV.,				
	Akola.					
2)	I am to state that the infor	nation provided in the tender form is true and correct				
3)	I / We may be punished	s per law for any wrong information, misleading facts provided in				
	the tender form besides re	ection of my / our tender.				
4)	In case of any dispute, the	Jurisdiction will be Akola only.				
5)	I / We have carefully read	all the general and specific terms and conditions of the tender and I				
	solemnly declare that the same are acceptable to me/us and binding on me/us.					
		•				
Place:		Signature of Tenderer:				
Date:						
		•				
Name	of Tenderer:					
With s	seal &stamp:					
(Attac	h Identity card Xerox)					
Phone	No. :	4.0010000000000000000000000000000000000				
Mobil	e No. :					

#### FORMAT- IV

#### AFFIDAVIT on (Plain Paper)

•	I, the undersigned, do hereby certify that all the documents and statements made in the
	required attachments are true and correct. In case the contents of envelope No.1 and other
	documents pertaining to the tender submitted by me are found to be incorrect or false, I shall
	be liable for Prosecution and punishment under section 199 and 200 of IPC 1960 and/or any
	other law applicable thereto.
2.	The undersigned also hereby certifies that neither our firm M/s
	have not abandoned any work in Govt. and semi Govt. Institution or organizations in
	Maharashtra nor any contract awarded to us for such works have not been rescinded, during
	last five years prior to the date of this bid.

- 3. The undersigned hereby authorize(s) and request(s) any bank, person, firm or corporation to furnish pertinent information deemed necessary and requested by the Department to verify this statement or regarding my (our)competence and general reputation.
- 4. The undersigned understand and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the Department relevant laws.
  Place:-

Signature of Authorized person

Applicant/Contractor

### Check List of documents to be uploaded along with E-tender

The following documents should be uploaded by the bidders in the form of PDF Files / Scanned images in the same order as mentioned below, on the E-Tendering website during Online Bid Preparation stage.

S.N.	Details	Whether attached	Page no.
I	Covering Letter for tender on the company letter head mentioning official address, Contact No, email address and website (if available) address	Yes/No	
2	Online payment receipt of EMD and tender form fee receipt.(Copy of PRN Number)	Yes/No	
3	EMD Exemption certificate (For beneficiary firms) ESSENTIAL		
4	GST Certificate, PAN card of firm (ESSENTIAL)	Yes/No	•
5	Income Tax returns of last three year, Balance Sheets for last three financial Years.	Yes/No	
6	Documents proof of similar works experience in Central/State Govt. or Semi Govt. Institution since last 03 year.	Yes/No	
7	Authorization certificate from Dealer /manufacturer.	Yes/No	
9	No deviation certificate in prescribed pro-forma only. (ESSENTIAL)	Yes/No	
10	ISI / IEC / BIS certificate if asked for	Yes/No	
11	Declaration of the tenderer	Yes/No	
12	Affidavit (on plain paper)	Yes/No	
13	Technical drawings of the work	Yes/No	

Note: If, during online bid preparation, any need arises to upload additional documents, apart from the above mentioned documents, an option to upload additional documents has been provided in the e-Tendering software which will be available to bidders during online bid preparation stage.

If the bidder himself is the manufacturer of the required materials, he will produce self-attested copy of necessary permission letter from competent authority showing that they are the manufacturers of the said item to this office on or before the last date of tender submission, without which the tender will not be accepted.

### SECTION - II (PART - A) E-TENDER: TECHNICAL BID

## TO BE SUBMITTED ALONG WITH TECHNICAL BID AND SCANNED COPY BE UPLOADED . WHILE ONLINE SUBMISSION

For S & Dy Dr. P	A & V -	ion and Maintenand tral Research Statio		`ence		
Subject:	E-Tender for Si	upply, Installation a	nd Maintenance of	Solar Power Fe	nce	
Ref:						
above numopen for liable to terms and me/us. b (Annexument offer liable, to	mber and hereby acceptance for a forfeiture of my I conditions spearable. The rates offer re I) and our off shall stand reject	hat we have read all agree to abide by the period as mentione our Earnest Money. cified in the e-tender ered are for the mater is not differing in the without any legal to work and the cours are sent as a series of the mater is not differing in the without any legal to work and the course of the	e said conditions. ii) d in tender paper a iii) I/we hereby de paper and all term aterial of specificat any respect and if a claim or liability if	I/we also agree to and in default there clare that a. I/we as and conditions tions mentioned any difference four any on Dr. PDKV	o keep this tendereof, I/We will be have read all the are acceptable to the E-Tendered by Dr. PDKV and I/we will be	er be to er V,
Sr No	Particulars	Work ,	Name of Bank	PRN Number & Date	Amount in Rs.	
140	EMD	Supply, installation and	VIII.			
2.	E-Tender Fee	maintenance of Solar Power Fence				
remedies I/We do not execut c. Any of e. Declar	if: I/we do not not deposit the Sion of Agreement (Pation about the gnatory is sole properties).	Earnest Money shall execute an agreeme security Amount ment. vi) Following doculease specify) authority of the sign roprietor it should be	nt within 7 days from tioned in the Agree iments are enclosed.  atory to sign and f	om the date of of ment within 10 during the tender	fer given and O lays from the date documents under	R te
Date:						

Name of authorized signatory:-

Address:Phone No.
Fax No.

## SECTION - II (PART - B) TO BE SUBMITTED ALONG WITH TECHNICAL BID AND SCANNED COPY BE UPLOADED WHILE ONLINE SUBMISSION

Note: The following details should be given completely, failure of which the tender will not be considered as technically eligible and the rates quoted will not be considered for evaluation.

#### TECHNICAL DETAILS

1.	Name of the firm				
2.	Address along with e-mai	1	*		Mobile/Telephone /Fax
2. a	Head Office			,	
2. b	Whether the firm has ISO-9000-2000 ISO Company (Yes/No)		S.		If yes please attach copy of certificate.
2.c	Whether the Unit is a SSI unit/Co-op/Govt.				Please attach copy of certificate.
3.	Name of Proprietor / Partners / Directors				
4.	Name of authorized contact persons and their Mobile & e-mail. if any				
5.	Date of establishment				
6.	Infrastructure etc.				
6.a	Qualified Personnel		•		
7	Other Details			A 100 100 100 100 100 100 100 100 100 10	
7.a	GST registration				Please attach copy of certificate
8.	Nature of main Activities				
9.	Turnover details	Annual	Turnover (Rs. in	a lakh)	Copies of Audited financial statement/ C.A. Certificate to be enclosed
10.	Principal Bankers	Addres	S		
11.		d similar	r work order of St	pply, Installation ar	nd Maintenance of Solar
	Details of having executed similar work order of Supply, Installation and Maintenance of Solar Power Fence in a year to Govt./Semi Govt. Institutions within last ten years. (Proof to be enclosed)				
	Name of Institution	Year	Specifications	Which work done	Amount (Rs. in lakh)
1					
2					
3			•		
4					
5					
6			*		
7					
8			AND THE RESIDENCE OF THE PERSON OF THE PERSO		
9				,	
10					

11.	Declaration: Self declaration on the firm company's letterhead that there is no any outstanding IT/PT dues should be enclosed.			
12.	Cliental List			
13.	Any other related information, if any			

Please attach separate sheet if space is insufficient

I/we have read all the terms and conditions of tender document under ref no. ...../...../2024 Dated..../...../2024 and hereby agree to abide by the said conditions. I/we hereby also undertake that the quoted materials requited for the Supply, Installation and Maintenance of Solar Power Fence is available with us and we abide that we will supply the item with requite work mention in the specification in stipulated time as per tender document or the order issued by the respective institution/ office under the Dr. PDKV, Akola time to time.

Yours faithfully,

(Signature of the Authorized person)
Full name of the Authorized person
Designation
Seal of the firm and date

### Annexure I

SN	Technical Specifications	Compliance	
A		Yes / No	
1	Solar PV Module		
	Application		
	<ul> <li>Charges Battery through solar power.</li> </ul>	•	
	Features		
	<ul> <li>37-40 watts, 12 volts rating with minimum 10 years</li> </ul>		
	warranty against manufacturing defects. With RFID		
	tag.		
	Advantage		
	<ul> <li>Leading brand with 5 yrs. warrantee.</li> </ul>	AAAAA WAXAA WAXAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAA	
2	Module Stand		
	Application	•	
	<ul> <li>Holds solar panel in place. Can be tilted in any</li> </ul>		
	direction.		
	Features		
	MS Hot dip galvanized to minimum 60 microns zinc		
	coating thickness tilted to 13-15 degrees.		
	Advantage		
	Suitable for any height due to clamp fixing.	VALIANTE III	
3	Battery		
	Application		
	Provides required power for energizer operations.  Factures		
	Features  • 12 volts, 100 Ah Maintenance-free battery (MFB).		
}	• 12 volts, 100 An Maintenance-free pattery (MFB).  Advantage		
	Leading brand(Exide /Amaron) with 3 yrs. warrantee		
4	Lightning diverter		
*	Application		
	To divert stray lightening.		
1	Features		
	The diverter assembly is adjustable for spark		
	gaps.	-	
	Advantage		
	Avoids damage of the Control/base unit.		

5			
٠	Earthing system		
	Application		
	<ul> <li>To provide more effective shock. Will improve</li> </ul>		
	shockability if provided every 100 mts		
	Features		
	Contain earth mixture capable of retaining		
	moisture.		
	<ul> <li>8 mm dia. stainless steel rod-non rusting quality of</li> </ul>		
	4 feet long.		
	Advantage		
	<ul> <li>Mixture is superior and more compact than</li> </ul>		
	traditional earthing. Test Certificate provided.		
6	Strain Insulators/Smart Strain Insulator		
	Application		
	• To bear the tension of wire upto 150-200 mtrs		
	length.		
Language	Features		
***************************************	<ul> <li>Strain insulators withstand 15 Kv voltage.</li> </ul>		
-	<ul> <li>Rain water run-off provided on the insulator.</li> </ul>		
	<ul><li>UV stabilized</li></ul>		
	Advantage		
	<ul> <li>Insulators made of polycarbonate material. Avoids</li> </ul>		
	water seepage.		
7	Strap Insulators/ T post intermediate insulators		
	Application		
	Application		
	<ul> <li>Application</li> <li>To position wire at different levels according to</li> </ul>		
	To position wire at different levels according to		
	<ul> <li>To position wire at different levels according to design.</li> </ul>		
	<ul> <li>To position wire at different levels according to design.</li> <li>Features</li> <li>High Density Polyethylene to provide good bulk density</li> </ul>		
	<ul> <li>To position wire at different levels according to design.</li> <li>Features</li> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> </ul>		
	<ul> <li>To position wire at different levels according to design.</li> <li>Features</li> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> </ul>		
	<ul> <li>To position wire at different levels according to design.</li> <li>Features         <ul> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> <li>High gloss surface to prevent dirt build up</li> </ul> </li> </ul>		
	<ul> <li>To position wire at different levels according to design.</li> <li>Features</li> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> </ul>		
	<ul> <li>To position wire at different levels according to design.</li> <li>Features         <ul> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> <li>High gloss surface to prevent dirt build up</li> </ul> </li> </ul>		
	<ul> <li>To position wire at different levels according to design.</li> <li>Features         <ul> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> <li>High gloss surface to prevent dirt build up</li> <li>Designed to collapse at a load of 40kgs thus ensuring alarm trigger</li> </ul> </li> <li>Advantage</li> </ul>		
	<ul> <li>To position wire at different levels according to design.</li> <li>Features         <ul> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> <li>High gloss surface to prevent dirt build up</li> <li>Designed to collapse at a load of 40kgs thus ensuring alarm trigger</li> </ul> </li> <li>Advantage         <ul> <li>Made of virgin plastic material – Poly Propylene with</li> </ul> </li> </ul>		
	<ul> <li>To position wire at different levels according to design.</li> <li>Features         <ul> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> <li>High gloss surface to prevent dirt build up</li> <li>Designed to collapse at a load of 40kgs thus ensuring alarm trigger</li> </ul> </li> <li>Advantage</li> </ul>		
8	<ul> <li>To position wire at different levels according to design.</li> <li>Features         <ul> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> <li>High gloss surface to prevent dirt build up</li> <li>Designed to collapse at a load of 40kgs thus ensuring alarm trigger</li> </ul> </li> <li>Advantage         <ul> <li>Made of virgin plastic material – Poly Propylene with locking facility avoids direct contact with posts.</li> </ul> </li> <li>High Tensile Wire</li> </ul>		
	To position wire at different levels according to design.  Features  High Density Polyethylene to provide good bulk density Very high breakdown voltage UV stabilized for long lasting outdoor life High gloss surface to prevent dirt build up Designed to collapse at a load of 40kgs thus ensuring alarm trigger  Advantage  Made of virgin plastic material – Poly Propylene with locking facility avoids direct contact with posts.  High Tensile Wire Application		
8	<ul> <li>To position wire at different levels according to design.</li> <li>Features         <ul> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> <li>High gloss surface to prevent dirt build up</li> <li>Designed to collapse at a load of 40kgs thus ensuring alarm trigger</li> </ul> </li> <li>Advantage         <ul> <li>Made of virgin plastic material – Poly Propylene with locking facility avoids direct contact with posts.</li> </ul> </li> <li>High Tensile Wire</li> </ul>		
8	To position wire at different levels according to design.  Features  High Density Polyethylene to provide good bulk density Very high breakdown voltage UV stabilized for long lasting outdoor life High gloss surface to prevent dirt build up Designed to collapse at a load of 40kgs thus ensuring alarm trigger  Advantage Made of virgin plastic material – Poly Propylene with locking facility avoids direct contact with posts.  High Tensile Wire Application To run through entire length of fence. Features		
8	<ul> <li>To position wire at different levels according to design.</li> <li>Features <ul> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> <li>High gloss surface to prevent dirt build up</li> <li>Designed to collapse at a load of 40kgs thus ensuring alarm trigger</li> </ul> </li> <li>Advantage <ul> <li>Made of virgin plastic material – Poly Propylene with locking facility avoids direct contact with posts.</li> </ul> </li> <li>High Tensile Wire <ul> <li>Application</li> <li>To run through entire length of fence.</li> </ul> </li> <li>Features</li> <li>2.5-2.59 mm wire diameter</li> </ul>		
8	To position wire at different levels according to design.  Features  High Density Polyethylene to provide good bulk density Very high breakdown voltage UV stabilized for long lasting outdoor life High gloss surface to prevent dirt build up Designed to collapse at a load of 40kgs thus ensuring alarm trigger  Advantage Made of virgin plastic material – Poly Propylene with locking facility avoids direct contact with posts.  High Tensile Wire Application To run through entire length of fence. Features  2.5-2.59 mm wire diameter High tensile wire with minimum of 230-300		
8	<ul> <li>To position wire at different levels according to design.</li> <li>Features <ul> <li>High Density Polyethylene to provide good bulk density</li> <li>Very high breakdown voltage</li> <li>UV stabilized for long lasting outdoor life</li> <li>High gloss surface to prevent dirt build up</li> <li>Designed to collapse at a load of 40kgs thus ensuring alarm trigger</li> </ul> </li> <li>Advantage <ul> <li>Made of virgin plastic material – Poly Propylene with locking facility avoids direct contact with posts.</li> </ul> </li> <li>High Tensile Wire <ul> <li>Application</li> <li>To run through entire length of fence.</li> </ul> </li> <li>Features</li> <li>2.5-2.59 mm wire diameter</li> </ul>		

·····				
		Advantage		
		Difficult to cut with ordinary pliers. Withstands		
		intrusion load upto 740 kgs.		
9	Wire Tightners			
		Application		
		To tighten wires.		
		Features		
		<ul> <li>In-situ tightners for proper tensioning of wires.</li> </ul>		
		Should be made from Al. Alloy non rusting quality		
		Advantage		
		<ul> <li>Tightens wires to required tension with locking</li> </ul>		
		facility.		
10	1)	Joining Clamps		
		Application .		
		<ul> <li>To hold wires firmly in positions.</li> </ul>		
		Features		
		<ul> <li>Positive locking mechanism.</li> </ul>		
		<ul> <li>Zinc coating of more than 25 microns</li> </ul>		
		Advantage .		
		Zinc coating ensures longitivity.		
	Warni	ng Signs		
		Application '		
		Displayed in every section of 100 mtrs with local		
		language and English.		
		Features		
1		<ul> <li>Poly ethylene plastic with statutory colors and signs.</li> </ul>		
	a	Advantage ·		
		<ul> <li>Superior plastic. Retains quality under extreme</li> </ul>		
		weather conditions.		
11		<u>Lead out cable</u>		
	}	Application		
		<ul> <li>Used to connect base unit and gate to fence. Also to</li> </ul>		
		connect earth kits.		
		Features		
		Double insulated withstanding 15 Kv voltage		
		<ul> <li>Inner core wire hot dip galvanized.</li> </ul>		
		Advantage		
		UV Stabilized. Well protected wire.		
12	<u>Fabric</u>	ated Gate		
		Application		
		<ul> <li>Used for vehicle passage and human movement.</li> </ul>		
		Features		
		Double swing gate for vehicle movement.		
		Effective width 4Mt.		
		Single swing gate for human movement		
		Effective 1Mt width		

	<ul> <li>Gate height 6.5 feet height above ground level.</li> </ul>			
	<ul> <li>Provision for locking arrangement</li> </ul>			
	<ul> <li>Provision for energizing gate.</li> </ul>			
	Advantage			
	<ul> <li>Made of hot dip galvanized frame for longitivity.</li> </ul>			
13	Tool Kit			
	Application			
	<ul> <li>Required for repairs if any.</li> </ul>			
	Features			
	<ul> <li>Contains Wire tightner handle, Twisting tool, Plier,</li> </ul>			
	Double ended spanner 10/11.			
	Advantage			
	<ul> <li>Superior quality tools provided.</li> </ul>			
14	Corner / End / Pull through posts			
į į	Application			
	<ul> <li>Used as section posts or corner posts every 100</li> </ul>			
	mtrs or at each corners which will be grouted in			
	cement concrete ,			
	Features			
	<ul> <li>50 NB Classes 'B' pipes – 8.5 feet long 6.6 ft above</li> </ul>			
	Ground Level,2.0 ft below Ground			
	<ul> <li>Hot dip Galvanized to more than 60 microns</li> </ul>			
	<ul> <li>Stay supports 25 mm diameter with brackets also</li> </ul>			
	hot dip galvanized			
	<ul> <li>Must include fasteners</li> </ul>			
	Pipes have to be grouted			
***************************************	Advantage			
	<ul> <li>HDG ensures longer quality.</li> </ul>			
15	Intermediate posts			
	Application			
	<ul> <li>Rammed into soil which offers flexibility to fence.</li> </ul>			
	Features ·			
	<ul> <li>25x25x3mm 'T' post hot dip galvanized – more than</li> </ul>			
	60 microns, 8.5 feet long,6.5 ft Above Ground			
	level,2 .0 ft below ground.			
	Advantage			
	<ul> <li>Oscillates on animal intrusion and get back to</li> </ul>			
	normal position. Easy to repair.			
В	FENCE MONITORING EQUIPMENT			
1	Neon tester			
	Application			
	<ul> <li>To check Fence.</li> </ul>			
	Features			
	<ul> <li>5 neon lights measuring the fence for excellent,</li> </ul>			
	very good, good and poor marking			
	<ul> <li>Easily serviceable robust modular construction.</li> </ul>			

	I loud un rolled alia	
	Handy pocket clip.  Advantage	
	Advantage  • Easy to handle. No skill required. Manufactured	
	from tough and durable ABS plastic.	
	nom tough and durable rigo bisore.	,
2	Digital Volt Meter or Smart fix	
	Application	
	To check fence voltage.	
and the same of th	Features	
	<ul> <li>Fence voltage displayed.</li> </ul>	
	<ul> <li>Auto ON/OFF switch activated when fence pulse is</li> </ul>	
	detected.	
	Water resistant.	
	<ul> <li>Volt meter, current meter and fault finder in one.</li> </ul>	•
	<ul> <li>Saves hours checking fence lines for faults.</li> </ul>	
	<ul> <li>Auto ON/Off-activated when fence pulse is</li> </ul>	
	detected.	
	Waterproof and impact resistant case. Handy	
Occupantial Production of the	pocket clip.	
**************************************	Advantage	
-	Indicates direction of fault. Distinct advantage of	
	fault finding and running voltage.	
C	Energizer with siren and SMS system	
	Application	
	<ul> <li>Designed for mains, battery or solar installations.</li> </ul>	
	No matter what your power source or location, the	
	Energizer range provides a superior and convenient	
	animal control solution.	
	Features	
	<ul> <li>Use any power source: Designed for mains, battery or solar installations up to 3 KM.</li> </ul>	
	<ul> <li>Superior performance in all operating modes Reliable fence voltage irrespective of your power source</li> </ul>	•
	View fence performance at a glance : LED bar graph	
Andreas Anna Anna Anna Anna Anna Anna Anna An	indicates fence voltage performance	
Ì	Check battery health in an instant LED bar graph	
	indicates your battery status	
	<ul> <li>Use in the harshest of farming conditions : Portable,</li> </ul>	
	water resistant case, with built in lightning protection	
	• Fast, flexible installation: Easily set up portable or	
	permanent installations in any location	
	<ul> <li>All lead sets included : Mains, battery and fence lead sets all included with the Energizer</li> </ul>	
	Protect your battery : Smart battery management	
	algorithm protects the battery from being over	
	discharged and permanently damage	

The system should show voltage of the controller
and alarm unit with SMS alert should be the feature
for quick response from security guard.

 It should give voltage of not more than 10 kv as per BIS norms and IEC standard.

#### Advantage

- The energizer is the heart of the system and the pulse travel in the system is safe and non-fatal. It keep wild and domestic animal away from the crops damage.
- The energizer should be kept in secured console hox

#### D Maintenance

Non-Comprehensive OPERATIONANAL MAINTENANCE
AGREEMENT CONTRACT for a period of Three Year for the Solar
Fence System installed, which comprises of the actual fence and
all components used on it as well as for the Fence Controller and
Battery which is being the hardware for the proper working of the
fence. Total visits will be 6 preventive Maintenances by monthly
and 4 Emergency breakdown per year. Material will be billed at
actual.

## For the period of Three years

#### Note:-

- The bidder participating in the tender, should have all the components as per the above mentioned specification and compliance should be accepted and proved during the demo after the technical evaluation post clearance from committee on the components, the financial bid will be opened.
- The bidder should have experience of solar fence system and has been doing it with government and private companies.
- The bidder company should give in writing on Rs. 100 stamp paper that the electronic component in not make in china.
- MSME certificate to be provided and MSME rules as per government rule will be application for finalization of the bidder.

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