

Company Name AGRICULTURE DEPARTMENT ZILLA PARISHAD SINDHUDURG
Unit Name : ZILLA PARISHAD SINDHUIDURG
Kindly go through the details, In case of any problems/ issues related to the reported data email to

TENDER DETAILS	
Tender Code	239(Amendment - 1)
Mode	Quantity Contract
Is Over All	No
Tender Type	Open
Tender Category Type	PURCHASE
Section	STORES
Type Of Bid	Two Bid
Material Description	TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 50kw GRID CONNECTED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT ZILLA PARISHAD SINDHUDURG
Estimated Cost [In Rupees]	Twenty Seven Lacks only
Submission Date	22/02/2021 01:00 PM to 02/02/2021 04:00 PM
Tender Validity	120 Days
Delivery Period	120 Days
Tender Fees [In Rupees]	4200
EMD [In Rupees]	70000
Contact Email Id	adosdurg@gmail.com
Commencement Period	120 days from 'RECEIPT OF PO'
Basis Of Prices	Firm Price
Sample Required	Not Required
Deviation	No
BID OPENING DETAILS	
Techno-Commercial Bid	Will be declared later
Price bid	Will be declared later

TENDERDOCUMENTS
Total Number of documents : 1

ZILLA PARISHAD SINDHUDURG

E-TENDER NOTICE NO 1
TENDER FOR
DESIGNING, PROVINDING,
INSTALLATION AND COMMISSIONING OF MINIMUM 50KW
SOLAR GRIDCONNECTED SPV POWER PLANT ATZILLA PARISHAD
SINDHUIDURG INCLUDING 10YEARS OF COMPREHENSIVE
MAINTAINANCE AND HALF MONTHLY CLEANING FOR
TENYEARSAT ZILLA PARISHAD SINDHUDURG

Name of Work: To Design, supply, install, testing, commissioning with Ten years of comprehensive maintenance contract of installation of 50 kw grid connected fixed axis solar photovoltaic power plant at zillaParishadSindhudurg

Instructions for the Tenderor

The Tenderor should attach the following documents along with the tender in commercial bid :

- PANcard
- GSTRegistrationCertificate(IfContractordoesnothaveGSTCertificate,theymust attachseparatelettermentioningthesameonletterhead).
- ThebiddermustbeManufacturingCompany/Firm/CorporationRegisteredinIndiaof SPVCells/Modules/(conformingto relevantNational/InternationalStandards)OR a PV System Integrator empanelled as channel partner accredited by the MNRE for gridconnectedsolarapplication.
- Bidder must furnish a performance certificate issued by the employer, clearly mentioningthattheBidderhassuccessfullyinstalledandcommissionedany work Releted to solar with should becollectively 50 k w or more
- In addition to above condition bidder has to attach list of similar works executed duringlastthreeyearsandinhandalongwithitscost&theaddressesoftheowners.
- APhotostatcopyofthepartnershipdeedandpowerofattorneyifany.
- ThedetailsofTechnicalPersonnelontherollofthebidder.
- OverallAverageAnnualTurnoveroftheCompany/Firm/Corporationinthelastthree financialyears(2016-17 2017-18,2018-19).Asummarizedsheetofturnoverof last three Financial Years certified by registered Chartered Accountant as perenclosed format.
- MNRE accredited Grid connected Channel Partner/ Programme Administrator OR CreditRating(fromMNREAccreditedRatingAgencyof“SP3C”andabove)
- Affidavitofnoteverhavebeendebarred / blacklisted byanyGovernmentDepartment.
- Value of a “Single Order” of PV Systems / Power Plants executed by the bidder - A copyoftheorderindicatingitsvalueandcertificateindicatingitssuccessfulexecution (ValuemorethanRs.40Lakhisdesired).
- Authorization letter of the bidder, for the person representing his firm, that he is authorizedtodiscussandwithspecificmentionofthi-e-tender Coveringletterinfullcompliancewithtermsandconditionsofe-tender&conversant withthesiteconditiononcompany’sletterheadasperformatenclosed.
- ISO Certificate
- C E Certificate

- Declaration form on Rs.100/- stamp paper as per format enclosed.
- Following Test Certificates & Reports for components specified in technical bid
 - i. SPV Modules supplier details
 - a) IEC 61215 edition II/IS 14286 for Crystalline Modules
 - b) IEC 61730 Part 1 & 2
 - c) STC Performance Report – IV curve
 - ii. PCU/Inverter
 - a) IEC 6315

Agriculture Development Officer

Zilla Parishad Sindhudurg

ZILLA PARISHAD SINDHUDURG

TENDER

Name of work :- To Design, supply, install, testing, commissioning with Ten years of comprehensive maintenance contract of installation of 50 kW grid connected fixed axis solar photovoltaic power plant at Zilla Parishad Sindhudurg

Site of Work-**ZILLA PARISHAD SINDHUDURG- 416812**

- The main tenderer / contractor, if so desires, may bring his authorized representative, along with him at the time of pre-bid conference for any discussion etc.
- Last date & time of submission of tender: **02/02/2021 upto 4:00 p.m.**
- Cost of tender form: **Rs.3,000/- + 1200/- = 4200/-**
- Initial E.M.D. for the work: **Rs.50,000/- + 20000/- = 70000/-**
- Security Deposit: Bank guaranty **Rs.5% of total estimated project cost.** (Rs.1,40,000/- One lakh forty thousand only)
- Period for completion of work: **1 Months.**
- The cost of stamp paper and stamp duty, required for the agreement, shall be borne by the contractor.

INSTRUCTION TO BIDDERS

- Bidders are advised to study the tender document carefully. Submission of e-bid against this tender shall be deemed to have been done after careful study and examination of the procedures, terms & conditions of the tender document with full understanding of its implications.
 - . It shall be imperative on each bidder to fully inform him of all local conditions and factors, which may have any effect on the execution of the works covered under these documents and specifications. ZillaParishadSindhudurgshall not entertain any request for clarificationsfromthebidder,regardingsuchlocalconditions.
 - The financial bids of only those bidders will be opened, who qualify in minimum eligibilityconditionsandtechnicalevaluation.
 - The entire work shall be executed on turnkey basis. Any minor item(s), not included in theschedulebutrequiredforcompletionofthework,shallhavetobecarriedout/supplied without any extra cost. Such works, not listed in the schedule of works but elaborately describedtoperformortofacilitateparticularoperation(s)requiredforcompletionoftheproject shall deemed to have been included in the scope of this work and the contractor shallsupply,installthesamewithoutanyextracost.
 - The contractor/ bidder should impart training to users, focusing on main features for properoperation&maintenanceofthesystem.
- .The contractor/ bidder shall not display the photographs of the work and not take advantagethroughpublicityoftheworkwithoutpriorpermissionofZillaParishad Sindhudurg
- .The Contractor/ bidder shall indemnify the ZillaParishadSindhudurgagainst all third party claims of Infringement of patent, royalty's trademark or industrial design rights arising fromusetothegoodsoranypartthereof.
- Apre-bidmeetingwillbeheldat Additional Chief Executive Officer chamber ZillaParishadSindhudurgtoclarifytheissuesandtoanswerquestionsonanymatterthatmay be raised at that stage. The Bidder or his officially authorized representative is invited to attend a pre-bid meeting. Bidder/ bidder representative who wish to attend Pre-bid meeting should carry a valid identity proof certifying his designation with said firm. The purposeofthemeetingistoclarifyissuesandtoanswerquestionsonmattersthatmaybe raisedatthatstage and to know well about the site local condition
- .Minutesofthemeeting,includingthetextofthequestionsraised(withoutidentifyingthe source of enquiry) and the responses given will be transmitted to all the bidders. Any modification of the bidding documents which may become necessary as a result of the pre-bidmeetingshallbemadebytheZillaParishadSindhudurgandshallformpartof bidding documents. The Bidder, at his own responsibility and risk is encouraged tovisit, inspectandsurveytheSiteanditssurroundingsandsatisfyhimselfbeforesubmittinghis bid as to the form and nature of the Site, the means of access to the Site, the accommodationhemayrequire,etc.
- In general, Bidders shall themselves obtain all necessary information as to risks, contingenciesandothercircumstanceswhichmayinfluenceoraffecttheirbid.ABidder shall be deemed to have full knowledge of the Site, whether he inspects it or not and no extraclaimsduetoanymisunderstandingorotherwiseshallbeallowed.
 - The costs of visiting the Site shall be at the Bidders' own expense. Any report shared at the site, by the ZillaParishadSindhudurgis subject to verification by the contractor. Any deviations of information in the report and the actual site will not be the responsibilityoftheZillaParishadSindhudurg.

OVERVIEW & SCOPE OF WORK

The general scope under this contract includes design, manufacture, testing, inspection, packing and forwarding, transportation up to project site, loading & unloading, storage in safe custody, erection, carrying out preliminary tests at site, commissioning, performance testing, operation and comprehensive maintenance for the period of 10 years & handing over the entire system to Zilla Parishad Sindhudurg.

1) The electric power to Zilla Parishad Sindhudurg has been provided through express feeder from MSEB at voltage level of 11kV through HT line as main incomer & centralized metering installed near **distance education centre**. The power is primarily distributed at 11kV and sub-distributed at 415 volt through 6 nos. of 11kV/433V distribution class transformers installed at various locations near load centers.

2) Minimum **50kW** Solar PV power plant shall be installed at Zilla Parishad Sindhudurg and will be connected to grid by feeding the generated power to Main LT panel of Transformer No.5.

3) Contractor shall be responsible for operation and maintenance as well as monitoring of the plant for the first 10 years and shall handover the plant to General branch Zilla Parishad Sindhudurg.

4) I-V curve of each module with technical details such as V_{oc} , I_{sc} , FF, cell efficiency and P_{max} etc at fixed solar intensity of 100 mW/cm^2 shall be supplied along with each consignment and copy should be sent Zilla Parishad Sindhudurg for records.

5) The solar radiation and environment monitoring system to be installed on the roof tops with the PV power plant.

6) The operating life of the plant shall be minimum 25 years.

7) The plant shall monitor solar generated energy using AC energy meter independent of load energy monitoring. Remote monitoring facility should be made available.

8) The plant shall consist of PV array, fixed PV array support structure, String/Array combiner boxes, DC cabling, DC distribution box, Inverter, AC cabling, AC distribution box, plant AC energy meter, load energy meter and data acquisition system.

9) The individual Solar PV array shall be installed at Zilla Parishad Sindhudurg fixed PV array support structure.

10) The individual string/array combiner boxes and DC cabling shall be installed Zilla Parishad Sindhudurg.

11) The inverters shall be installed in the control room/open space provided in the building.

12) The DC & AC distribution boxes, DC & AC cabling, energy meters and data acquisition systems shall be installed in the control room/open space provided in (or near) the building.

13) Net metering arrangement is part of the system and same is to be provided as per the guidelines of MSEDC and MNRE.

- 14) The standards and specifications published by MNRE from time to time should be strictly followed by the empanelled agencies. All empanelled agencies will strictly adhere to the guidelines issued vide no. 5/22/2013-14/RT dated 18.09.2015 and as amended from time to time.

15) Please visit the website www.mnre.gov.in with icon Grid Connected Solar Rooftop for further Instructions or the instructions will also be given through SPIN software in their registered email.

16) Inspection and Tests: The Zilla Parishad Sindhudurg's representative shall have the right to inspect and/or test the goods to confirm their conformity to the contract at any time within the period of five years.

17) The material / sample randomly selected will have to be tested in the University specified / approved laboratory. All testing charges should be borne by the bidder, which shall be limited up to 0.25 % of the bid value / amount.

ZillaParishadSindhudurg

Work: Design, supply, install, testing, commissioning with five years of comprehensive maintenance contract of installation of Minimum 50 kw grid connected fixed axis solar photovoltaic power plant at ZillaParishadSindhudurg under DPDC approved

1 Rules for the Contractors

1. All works proposed to be executed by contract shall be notified in a form of invitation to tender pasted on a board hung up in the office of the ZillaParishadSindhudurg and signed by the ACEO.

This form will state the work to be carried out as well as the date to submitting and opening tenders and the time allowed for carrying out the work also the amount of earnest money to be deposited with the tender and the amount of the security deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. It will also state whether a refund of quarry fees, royalties and ground rents will be granted. Copies of the specifications designs and drawings estimated rates, scheduled rates and any other documents **required in connection with the work shall be signed by the ZillaParishadSindhudurg**

Where the works are proposed to be executed according to the specifications recommended to a contractor and approved by a competent authority on behalf of, the ZillaParishadSindhudurg such specifications with designs and drawings shall form part of the accepted tender.

2. In the event of the tender being submitted by a firm, it must be signed by each partner thereof and in the event of the absence of any partner, it shall be signed on his behalf by a person holding a power of attorney authorizing him to do so.

2. (A) i) The contractor shall pay along with the tender the sum of **Rs. 70000/- (Seventy thousand only)** as and by way of earnest money. The contractor may pay the said amount in cash or D.D. in favour of the ZillaParishadSindhudurg payable at Sindhudurg. The said amount of earnest money shall not carry any interest whatsoever.

ii) In the event of his tender being accepted, subject to the provisions of sub-clause (iii) below, the said amount of earnest money shall be appropriated towards the amount of security deposit payable by him under conditions of General Conditions of contract.

iii) If, after submitting the tender, the contractor withdraws his offer, or modifies the same or if, after the acceptance of his tender the contractor fails or neglects to furnish the balance of security deposit without prejudice to any other rights' and powers of the ZillaParishadSindhudurg hereunder of in law. The amount of EMD deposited by the contractor shall stand for forfeited to the ZillaParishadSindhudurg

iv) In the event of his tender not being accepted, the amount of earnest money deposited by the contractor shall, unless it is prior thereto forfeited under, the provisions of sub-clause (iii) above, be refunded to him on his passing receipt therefore within a period of three months from the date of deposit.

3. Receipts for payments made on account of any work when executed by firm should also be signed by all the partners except where the contractors are described in their tenders as a firm in which case the receipts shall be signed in the name of the firm by one of the partners, or by some other person having authority to give effectual receipts for the firm.

4. Any person who submits a tender shall fill up the usual printed form stating How much killo watt(memorandumshowingitemsofworktobecarriedout)heiswillingtoundertakethe work. Only one rate on all the Estimated quantities/Scheduled quantities shall be named. Tenders, which propose any alteration in the works specified in the said form of invitation to tender, or in the time allowed for carrying out the work or which contain any other conditions, of any sort will be liable to rejection. No printed form of tender shall include a tender for more than one work.

5. The ACEO or his duly authorized Assistant shall open the tenders in the presence of contractors who have submitted tenders or their representatives whom may be present at the time, and he will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, the contractor shall for the purpose of identification. Sign copies of the specifications and other documents mentioned in Rule I. In the event of tender being rejected, the ACEO shall refund the amount of the earnest money by cheque deposited to the contractor making the tender. on his giving a receipt for the return of the money.

6. The Zilla Parishad Sindhudurg authorities for this work shall have the right of rejecting all or any of the tender, without assigning reasons therefore.

7. No receipt for any payment alleged to have been made by a contractor in regard to any matter relating to this tender or the contract shall be valid and binding on the Zilla Parishad Sindhudurg unless it is signed by the ACEO or his assistant empowered to do so.

8. All work shall be measured net by standard measure and according to the rules and customs of the MNRE / MEDA / MSEDCL Zilla Parishad Sindhudurg reference, to any local custom or as specified in the specifications.

9. The measurement of work will be taken according to the usual methods in use in the MNRE / MEDA / MSEDCL / Zilla Parishad Sindhudurg and no proposals to adopt alternative methods will be accepted. The Engineer in charge decision as to what is the usual method in use in MNRE/MEDA/MSEDCL/Zilla Parishad Sindhudurg will be final.

10. Under no circumstances the contractor shall be entitled to demand enhanced rates for items in this contract.

11. Every registered contractor should produce along with his tender certificate of registration as approved contractor in the appropriate class and renewal of such registration with date of expiry.

12. All corrections and additions or pasted' slips in the tender document should be initialed by the contractor.

13. The tendering contractor shall furnish a declaration along with the tender showing all works which he has already entered into contract and the value of the work that remains to be executed in each case on the date of submitting the tender.

14. The contractor will have to construct shed if required for storing materials brought by him on site & make his own arrangement for proper security. The Zilla Parishad Sindhudurg will not be responsible for any loss, theft, damage of the material brought on site. No materials will be allowed to be removed from the site of works without prior permission from the university authority.

16. The contractors shall also give a list of machinery in their possession and which they propose to use on the work.

17. Successful tenderer will have to produce to the satisfaction of the accepting authority a valid and current license issued in his favour under the provision of Contract Labour(RegulationandAbolition)Act1970beforestartingwork,failingwhichacceptance of the tender will be liable for withdrawal and earnest money will be forfeited to the ZillaParishadSindhudurgTender for works

I/We hereby tender for the execution, for ZillaParishadSindhudurg(here-in before and

hereinafterreferredtoasZillaParishadSindhudurg)oftheworkspecifiedintheunderwrittenmemorandum within the time specified in such memorandum at infigures as well as in words quoted kw entered in Schedule B (memorandum showing. items of work to be carried out) and in' accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule 1

a) If several sub works are included they should be detailed in separate list.	a) General description Construction of : To Design,supply,install,testing,commissioning withtenyearsofcomprehensivemaintenance (Half monthly westing)contractofinstallationofminimum 50kwgrid connected fixed axis solar photovoltaic power plant at ZillaParishadsindhudurg	
b) The amount of earnest money to be deposited shall be in accordance with the provisions of paras 204 and 205 of the M.P.W. Manual.	b) Earnest money	70000/-
	c)Security Deposit:	140000/-
	i)Cash(Notlessthan the amount ofearnest money).	
c) This deposit shall be in accordance with the paras 211 and 212 of the M.P.W. Manual.	ii) To be deducted from current bills.	
e) Time allowed for the work from date-of Written order to commence, is Four calendar month.	d)Percentage,ifany,tobedeductedfrombillsso as to make up the total amount required as security deposit by the time, half the work, as measuredbythecosts;isdoneFivepercent.	
	e) Give schedule where necessary showing dates by which the various items are to be completed.	

2. I/We agree that the offer shall remain open for acceptance for a minimum period' of 90 days from the date fixed for opening the same and thereafter until it is with-drawn by me/us by notice in writing duly addressed to the authority opening the tenders and sent by registered post A.D. otherwise delivered at the office of such authority. The amount of earnest money shall not bear interest and shall be liable to be forfeited to ZPsindhudurg should I/We fail to (i) abide by the stipulation to keep the offer open for the period mentioned above or (2) sign and complete the contract documents as required by the Engineer in charge and furnish the security deposit specified in item (c) of the memorandum contained in paragraph (i) above Within the time limit laid down in clause (i) of the annexed General Conditions of contract'.. The amount of earnest money may be adjusted towards the security deposit or refunded to me/us if so desired by me/us in writing, unless the same of any part thereof forfeited as aforesaid.

- Should this tender be accepted I/We hereby agree to abide by and fulfill all the terms, and provision of the conditions of contract annexed hereto so far as applicable, and in default thereof to forfeit and pay to Z.P.Sindhudurg the sums of money mentioned in the said conditions.

Contractor's Signature*

Address

Dated the _____ Day of _____

*Signature of contractor

before submission of tender.

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Signature of (Witness) x

Address

(Occupation)

II Signature of the Officer by whom accepted

*Signature of witness

to contractor's signature.

The above tender is hereby accepted by me for and on behalf of the

Chief Executive Officer
Zilla Parishad Sindhudurg

Dated

day of

20

ACEO

Zilla Parishad Sindhudurg

Conditions of Contract

Clause 1- Security Deposit: The person/persons whose tender may be accepted (hereinafter called the contractor, which expression shall unless excluded by or repugnant to the context include his heirs, executors, administrators and assigns) shall (A) (within one day for a contract of Rs.1,000/- or less or two days for a contract of more than Rs.1,000/- but less than Rs.2,000/- and so on up to limit of ten days, which may be extended by the ACEO up to fifteen days, if the ACEO thinks it fit to do so, for a contract of over Rs.10,000 of the receipt by him of the notification of the acceptance of his tender deposited with the ACEO (if deposited for more than 12 months) of sums sufficient which will make up the full security deposits specified in the tender or (B) [Permit Zilla Parishad Sindhudurg at the time of making any payment to him for work done under the contract to deduct such as will amount to *Five percent of all money so payable such deduction to be held by ZPSindhudurg by way of security deposit] Provided always that in the event of the contractor depositing, a lump sum by way of security deposit as contemplated at (A) above, then and in such case, if the sums so deposited shall not amount to five percent of the total estimated cost of the work, it shall be lawful for Zilla Parishad Sindhudurg at the time of making any payment to contractor for work done under the contract to make up the full amount of five percent by deducting a sufficient sum from every such payment as last aforesaid until the full amount of the security deposit is made up. All compensation or other sums of money payable by the contractor to Zilla Parishad Sindhudurg under the terms of his contract may be deducted from pre paid by the sale of sufficient part of his security deposit or from the interest arising there from or from any sums which may be due or may become due by Zilla Parishad Sindhudurg to the contractor under any other contract or transaction of any nature on any account whatsoever and in the event of his security deposit being reduced by reason of any such deduction or sale as aforesaid, the contractor shall, within ten days thereafter, make good in cash any sum or sums which may have been deducted from, or raised by sale of his Security deposit or any part thereof.

If the amount of the security deposit to be paid in a lump sum within the period specified at (A) above is not paid the tender/contract already accepted shall be considered as cancelled and legal steps taken against the contractor for recovery of the amounts. **The security deposit lodged by a contractor shall be refunded only on submission of performance bank guarantee of 15% of total project cost from any Nationalized Bank valid for period of One hundred twenty months/Ten years.**

Clauses 2- Compensation for delay

The time allowed for carrying out the work as entered in the tender shall strictly observed by the contractor and shall be reckoned from the date on which the order to commence work is given to the contractor. The work shall through the stipulated period of the contract be proceeded with all due diligence (time being deemed to be the essence of the contract on the part of the contractor) and the contractor shall pay as compensation an amount equal to one percent or such smaller amount as the appropriate authority (whose decision in writing shall be final) may decide, of the amount of the estimated cost of the whole work as shown by the tender for every day that the work remains un-commenced, or unfinished after the proper dates. And further to ensure good progress during execution of the work, the contractor shall be bound in all cases in which the time allowed for any work exceeds one month to complete.

* ¼ of the work in	¼ of the time
½-do-	½-do-
¾-do-	¾-do-

* (Note: - The quantity of the work to be done within a particular time to be specified above shall be fixed and inserted in the blank space kept for the purpose by the Officer

competent to accept the contracts after taking into consideration the circumstances of each case) and abide by the programme of detailed progress laid down ACEO ZPSindhudurg

The following proportion will usually be found suitable: In

1/4; 3/4 of the time

Reasonable progress of earth work 1/6 1/2 3/4 of the total value of the work to be done.

Do Do of the masonry work..... 1/10 1/10 8/10 Do Do

In the event of the contractor failing to comply with these conditions he shall be liable to pay as compensation an amount equal to one per cent or such smaller amount as the appropriate authority (whose decision in writing shall be final) may decide of the said estimated cost of the whole work for every day that due quantity of work remains incomplete. Provided always that the total amount of compensation to be paid under the provisions of this clause shall not exceed 10 percent of the estimated cost of the work as shown in the tender.

Clause 3- Action when whole of security deposits is forfeited: In any case in which under any clause of this contract the contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit (whether paid in one sum or deducted by installments) or in the case of abandonment of the work owing to serious illness or death of the contractor or any other cause, the ACEO, on the recommendations of the Engineer in charge on behalf of the ZPSindhudurg, shall have power to adopt any of the following courses, as he may deem best suited to the interest of the Zilla Parishad Sindhudurg.

a) To rescind the contract (for which rescission notice in writing to the contractor under the hand of the ACEO ZP shall be conclusive evidence) and in that case the Security deposit of the contractor, shall stand forfeited and be absolute at the disposal of the ZP Sindhudurg.

b) To carry out the work or any part of the work departmentally debiting the contractor with the cost of the work, expenditure incurred on tools and plant and charges on additional supervisory staff including the cost of work-charged establishment employed for getting unexecuted part of the work completed and crediting him with the value of the work done departmentally in all respects in the same manner and the same rates as if it had been carried out by the contractor under the terms of his contract. The certificate of the appropriate authority as to the costs and other allied expenses so incurred and as to the value of the work so done departmentally shall be final and conclusive against the contractor.

c) To order that the work of the contractor be measured up and to take such part thereof as shall be unexecuted, out of his hands and to give it to another contractor to complete, in which case all expenses incurred on advertisement for fixing a new contracting agency, additional supervisory staff including the cost of work-charged establishment and the cost of the work executed by the new contract agency will be debited to the contractor and at the value of the work done or executed through the new contractor shall be credited to the contractor in all respects and in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his contract. The certificate of the appropriate authority as to all the cost of the work and other expenses incurred as aforesaid for or in getting the unexecuted work done by the new contractor and as to the value of the work so done shall be final and conclusive against the contractor.

In case the contract shall be rescinded under clause (a) above the contractor shall not be entitled to recover or be paid, any sum for any work there for actually performed by him under this contract unless and until the University Engineer shall have certified in writing the performance of such work and the amount payable to him in respect thereof and he shall only be entitled to be paid the amount so certified. In the event of either of the courses referred to in clause (b) or (c) being adopted and the cost of the work executed departmentally or through a new contractor and other allied expenses exceeding the value of such work credited to the contractors, the amount of excess shall be deducted from any

money due to the contractor by the Zilla Parishad Sindhudurg under the contractor or otherwise howsoever

or from his security deposit or the sale proceeds thereof provided, however that the contractor shall have no claim against the Zilla Parishad Sindhudurg even if the certified value of the work done departmentally or through a new contractor exceeds the certified cost of such work and allied expenses, provided always that whichever of the three courses mentioned in clauses (a), (b) or (c) is adopted by the ACEO, ZP the contractor shall have no claim to compensation for any loss sustained by him reason of his having purchased, or procured any materials, or entered into any engagements, or made any advances on account of or with a view of the execution of the work or the performance of the contract.

Clause 4- Action when the progress of any particular portion of the work is unsatisfactory: If the progress of any particular portion of the work is unsatisfactory, the appropriate authority shall notwithstanding that the general progress of the work is in accordance with the conditions mentioned in clause 2, be entitled to take action under clause 3(b) after giving the contractor 10 days' notice in writing. The contractor will have no claim for compensation, for any loss sustained by him owing to such action.

Clause 5- Contractor remains liable to pay compensation if action not taken under Clauses 3 & 4: Power to take possession of or require removal of or sell contractor's plant: In any case 'in which any of the powers conferred, upon the ACEO ZP by clauses 3 and 4 hereof shall have become exercisable and the same shall not have been exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor for which under any clauses hereof he is declared liable to pay compensation amounting to the whole of his security deposit and the liability of the contractor for past and future compensation shall remain unaffected. In the event of the ACEO ZP taking action under sub-clause (a) or (c) of clause 3, he may, if he so desires, take possession of all or any tools, plant, materials and stores, in or upon the works or the site thereof or belonging to the contractor, or procured by him and intended to be used for the execution of the work or any part thereof, paying or allowing for the same in account at the contract rates, or in the case, of contract rates, not being applicable at current market rates, to be certified by the Engineer in charge whose certificate thereof shall be final. In the alternative, the ACEO ZP may after giving notice in writing to the contractor or his clerk of the work, foreman or other authorized agent require him to remove such tools, plant, materials, or stores from the premises within a time to be specified in such notice and in the event of the contractor failing to comply with any such requisition, the ACEO ZP may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and at his risk in all respects, and the certificate of the appropriate authority as to the expense of any such removal and the amount of the proceeds and expense of any such sale shall be final and conclusive against the contractor.

Clause 6 - Extension of time: If the contractor shall desire an extension of the time for completion of work on the ground of his having been unavoidably hindered in its execution or on any other ground, he shall apply in writing to the ACEO ZP before the expiry of the period, stipulated in the tender or before the expiration of 30 days from the date on which he was hindered as aforesaid or on which the cause for asking for extension occurred, whichever is earlier and the ACEO if satisfied about the reasonability of grounds for granting an extension, grants such extension as he thinks necessary or proper, the decision of the ACEO in this matter shall be final.

Clause 7- Final Certificate: On the completion of the work the contractor shall be furnished with a certificate by the Official from Savitribai Phule Pune University (hereinafter called the Engineer-in-charge) of such completion, but no such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall

have-been executed, all scaffolding, surplus, materials and rubbish, and shall have cleaned off, the dirt from all woodwork, doors, windows, walls, floor or other parts of any building in or upon which the Work has been executed, or of which he may have had possession for the purpose of executing the work" nor until the work shall have been measured by the Engineer in charge or where the measurements have been taken by his subordinates until they have received approval of the Engineer in charge, the said measurements being binding and conclusive against the contractor. If the contractor shall fail to comply with the requirements of this clause as to the removal of scaffolding, surplus materials and rubbish and cleaning of dirt on or before the date fixed for the completion of the work the Engineer in-charge may at the expenses of the contractor, remove such scaffolding, surplus materials and rubbish, and dispose of the same as he thinks fit and clean off such dirt as aforesaid and the contractor shall forthwith pay the amount of all expenses so incurred, but shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause 8- Terms of Payment:

- a) 60% of the total cost will be released after supply, installation & successful commissioning of the systems duly certified by Bidder & authorized person of Zilla Parishad Sindhudurg.
- b) 20% of the total cost shall be released on receipt of one month successful performance report generated automatically through Remote Monitoring System.
- c) 20% of the total cost shall be released on submission of next two month successful performance report in prescribed format generated automatically through Remote Monitoring System as well as manually which should be duly certified by authorized person of Zilla Parishad Sindhudurg authority and submission of performance bank guarantee of 10% of total project cost from any Nationalized Bank valid for period of 10 years.

Clauses 9 - Bills to be on printed form: The contractor shall submit all bills on the printed forms to be had on application at the office of the ACEO ZPSindhudurg **along with PAN number and VAT number**. The charges to be made in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in pursuance of these conditions, and not mentioned or provided for in the tender, at the rates hereinafter provided for such work.

Clause 11- Work to be executed in accordance with specifications drawings or orders etc:

The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner and both as regards materials and every other respect in strict accordance with specifications. The contractor shall also confirm exactly, fully and faithfully to the designs, drawings and instructions in writing relating to the work signed by the Engineer-in-charge and lodged in his office and to which the contractor shall be entitled to have access for the purpose of inspection at such office, or on the site of the work during office hours. The contractor will be entitled to receive one set of certified copy of the accepted tender along with the work order free of cost.

Clause 12- Alteration in specification and designs not to invalidate contracts; Rates for works not entered in estimate or schedule of rates of the district:

The Engineer-in-charge under the directives of the Zilla Parishad Sindhudurg authority shall have power to make any alternation, or addition to original specifications, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and the contractor shall be bound to

carry out the work in accordance with any instructions in this connection which may be given to him in writing signed by the Engineer-in-charge and such alterations shall not invalidate the contract, and any additional work which the contractor may be directed to do in the manner above specified as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work, and at the same rates as are specified in the tender for the main work. And if the additional and altered work includes any class of work for which no rate is specified in this contract, then such class of work shall be carried out at the rates entered in the Schedule of Rates of the Division or at the rates mutually agreed upon between the Zilla Parishad Sindhudurg and the contractor, whichever are lower. If the additional or altered work, for which no rate is entered in the Schedule of rates of the Division, as ordered to be carried out before the rates are agreed upon then the contractor shall, within seven days of the date of receipt by him of the order to carry out the work

inform the Zilla Parishad Sindhudurg the rate which it is his intention to charge for such class of work, and if the University does not agree to this rate the University shall by notice in writing at liberty to cancel the order to carry out such class of work and arrange to carry out in such manner as it may consider advisable, provided always that if the contractor shall commence work or incur any expenditure in regard thereto before the rates shall have been determined as lastly hereinbefore mentioned, then in such case he shall only be entitled to be paid in respect of the work carried out or expenditure incurred by him prior to the date of the determination of the rates as aforesaid according to such rate or rates as shall be fixed by the Zilla Parishad Sindhudurg.

Extension of time in consequence of additions or alterations: The time limit for the completion of the work shall be extended in the proportion that the increase in its cost of the occasioned by alterations or additions bears to the cost of the original contract work, and the certificate of the Engineer-in-charge as to such proportions shall be conclusive.

Clause 13- No claim to any payment or compensation for alteration in or restriction of work:

1) If at any time after the execution of the contract documents the Engineer-in-charge shall for any reason whatsoever (other than default on the part of the contractor for which the Zilla Parishad Sindhudurg is entitled to rescind the contract) desires that the whole or any part of the work specified in the tender should be or restriction of suspended for any period or that the whole or part of the work should not be carried out at all he shall give to the contractor a notice in

writing of such desire and upon the receipt of such notice the contractor shall forthwith suspend or stop the work wholly or in part required, after having due regard to the appropriate stage at which the work should be stopped or suspended so as not to cause any damage or injury to the work already done or endanger the safety thereof provided that the decision of the consultant of this project official from the stage at which the work or any part of it could be or could have been safely stopped or suspended shall be final and conclusive against the contractor. The contractor shall have no claim to any payment or compensation whatsoever by reason of or in pursuance of any notice as aforesaid, on account of any suspension, stoppage or curtailment except to the extent specified hereinafter.

2) Where the total suspension of work ordered as aforesaid continued for a continuous period exceeding 60 days the contractor shall be at liberty to withdraw from the contractual obligations under the contract so far as it pertains to the unexecuted part to the work by giving a 10 days' prior notice in writing to the ACEO, within 30 days of the expiry of the said period of 60 days, of such intention and requiring the Engineer-in-charge to record the final measurements of the work already done and to pay final bill. Upon giving such notice the contractor shall be deemed to have discharged from his obligation to complete the remaining unexecuted work under his contract. On receipt of such notice the Engineer-in-charge shall proceed to complete the measurement and make such payment as may be finally due to the contractor with a period of 60 days from the receipt of such notice in respect of the work already done by the contractor. Such payment shall not in any manner prejudice the right of contractor to any further compensation under the remaining provision of this clause.

3) Where the Zilla Parishad Sindhudurg required the contractor to suspend the work for period in excess of 30 days at any time or 60 days in the aggregate, the contractor shall be entitled to apply to the Zilla Parishad Sindhudurg within 30 days of the resumption of work after such suspension for payment of compensation to the extent of pecuniary loss suffered by him in the respect of working machinery rendered ideal on the site or on the account of his having and to pay the salary or wages of labour engaged by him during the said period of suspension, provided always that the contractor shall not be entitled to any claim in respect of any such working machinery, salary or wages for the first 30 days whether consecutive or in the aggregate of such, suspension or in respect of any suspension whatsoever occasioned by unsatisfactory work or any other default on his part. The decision of the Zilla Parishad Sindhudurg in this regard shall be final and conclusive against the contractor.

4) No claim to compensation on account of loss due to delay in supply of materials by the Zilla Parishad Sindhudurg: In the event of-

- Any total stoppage of work on notice from the Engineer-in-charge under sub-clause (1) in that behalf,
- Withdrawal by the contractor from the contractual obligation to complete the remaining unexecuted work under sub-clause (2) on account of continued suspension of work for a period exceeding 60 days.
- Curtailment in the quantity of item or items originally tendered on account of any alteration, omission or substitutions in the specifications, drawings designs, or instructions under clause 14 (1) where such curtailment exceeds 25% in quantity and the value of the quantity curtailed beyond 25 percent at the rates for the item specified in the tender is more than Rs.5,000/-,

It shall be open to the contractor, within 60 days from the service of (i) the notice of stoppage of work on (ii) the notice of withdrawal from the contractual obligations under the

contract on account of the continued suspension of work or (iii) notice under clause 14 (1) resulting in such curtailment to produce to the Zilla Parishad Sindhudurg satisfactory documentary evidence that he had purchased or agreed to purchase material for use in the contracted work, before receipt by him of the notice of stoppage, suspension or curtailment and require the Zilla Parishad Sindhudurg to take over on payment such material at the rates determined by the Zilla Parishad Sindhudurg provided, however, such rates shall in no case exceed the rates at which the same was acquired by the contractor. The University shall thereafter take over the material so offered, provided the quantities offered are not in excess of the requirements of the unexecuted work as specified in the accepted tender and are of quality and specifications approved.

Clause 14 – Time for Foreseen claims: Under no circumstances whatever shall the contractor be entitled to any compensation from the Zilla Parishad Sindhudurg as decided by the appropriate university authority on any account unless the contractor shall have submitted a claim in writing to the Engineer-in-charge within one month of the cause of such claim occurring.

Clause 15- Action and compensation payable in case of bad work: If any time before the security deposit is refunded to the contractor, it shall appear to the Engineer-in-charge or this subordinate in charge of the work, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of inferior quality, or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted for, or are otherwise not in accordance with the contract it shall be lawful for the Engineer-in-charge to intimate this fact in writing to the contractor and then notwithstanding the fact that the work, materials or articles complained of may have been inadvertently passed certified and paid for the contractor shall be bound forthwith to rectify, or remove and reconstruct the works so specified in whole or in part as the case may require, or if so required shall remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge and cost, and in the event of his failing to do so within a period to be specified by the Engineer-in-charge in the written intimation aforesaid, the contractor shall be liable to pay compensation at the rate of one percent on the amount of the estimate for every day not exceeding ten days during which the failure so continues and in the case of any such failure the Engineer-in-charge may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respect of the contractor. Should the Engineer-in-charge consider that any such inferior work or materials as described above may be accepted or made use of it shall be within the discretion of the Zilla Parishad Sindhudurg as recommended by the Engineer in charge to accept the same at such reduced rates as may be fixed therefore.

Clause 16 - Works to be open to inspection, Contractor or responsible agent to be present: All works under or in course of execution or executed in pursuance of the contract shall at all times be open to inspection and supervision of the Engineer-in-charge and his

subordinates and the contractor shall at all times during the usual working hours and at other times at which reasonable notice of the intention of the Engineer-in-charge and his subordinate to visit the work shall have been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing present for that purpose. Orders given to the contractor's duly authorized agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

Clause 17 - Notice to be given before work is covered up: The contractor shall give not less than five days notice in writing to the Engineer-in-charge or his subordinate in charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimensions thereof taken before the same is so covered up or placed beyond the reach of measurement any work without the consent in writing of the Engineer-in-charge or his subordinate in charge of the work and if any work shall be covered up or placed beyond the reach of measurement without such notice having been given or consent obtained the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work or for the materials with which the same was executed.

Clause 18 - Contractor liable for damage done and for imperfections for 120 months after certificate: If during the period 120 months (ten years) from the date of completion as certified by the Engineer-in-charge pursuant to clause 7 of the contract or 120 months after commissioning the work, whichever is earlier in the opinion of the Engineer in charge the said work is defective in any manner whatsoever, the contractor shall forthwith on receipt of notice in that behalf from the Engineer in charge duly commence execution and completely carry out at his cost in every respect all the work that may be necessary for rectifying & setting right the defects specified therein strictly in accordance with and in the manner prescribed and under the supervision of the Engineer in charge. In the event of the contractor failing or neglecting to commence execution of the said rectification work within the period prescribed therefore in the said notice and/or to complete the same as aforesaid as required by the said notice, the Engineer in charge get the same executed and carried out departmentally or by any other agency at the risk on account and at the cost of the contractor. The contractor shall forthwith on demand pay to the Zilla Parishad Sindhu durg the

amount of such costs, charges and expenses sustained or incurred by the Zilla Parishad Sindhu durg of which the certificate of the Engineer in charge shall be final and binding on the contractor. Such

costs, charges and expenses shall be deemed to bear rear of land revenue and in the event of the contractor failing or neglecting to pay the same on demand as aforesaid without prejudice to any other rights and remedies of the Zilla Parishad Sindhu durg the same may be recovered from the

contractor as a rear of land revenue. The Zilla Parishad Sindhu durg shall also be entitled, to deduct the same from any amount which may then be payable or which may thereafter become payable by the Zilla Parishad Sindhu durg to the contractor either in respect of the said work or any other work whatsoever or from the amount of the security deposit.

Clause 19- Contractor to supply plant ladders, scaffoldings etc.: The contractor shall supply at his own cost all material Plant, tools, appliances, implements, ladders, cordage, tackle scaffolding and temporary works requisite or proper for the proper execution of the work, whether, in the original altered or substituted form, and whether included in the specification or other documents forming part of the contract or referred to in these conditions or not and which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-charge as to any matter as

to which under these conditions he is entitled to be satisfied or which he is entitled to require together with the carriage therefore to and from the work. The contractor shall also supply

without charge the requisite number of persons with the means and materials necessary for the purpose of meeting out works and counting, weighting and assisting in the measurement or examination at any time and from time to time of the work or the materials, failing which the same may be provided by the Engineer-in-charge at the expense of the contractor and the expenses may be deducted from any money due to the contractor under the contract or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The contractor shall provide all necessary fencing and lights required to protect the public from accident, and shall also be bound to bear the expense or defense of every suit, action or other legal proceeding, that may be brought by any person for injury sustained owing to neglect of the above precautions, and to pay any damages and costs which may be awarded in any such suit, action or proceedings to any such person, or which may with the consent of the contractor be paid for comprising any claim by any such person.

Clause 19 A - And is liable for damages arising from non-provisions of lights, fencing etc.: The contractor shall provide suitable scaffolds and working platforms gangways and stairways and shall comply with the following regulations in connection therewith.

- Suitable scaffolds shall be provided for workmen for all works that cannot be safely done from a ladder or by other means.
- A scaffold shall not be constructed, taken down or substantially altered except-
 - under the supervision of a competent and responsible person; and
 - as far as possible by competent workers possessing adequate experience in this kind of work.
- All scaffolds and appliances connected therewith and ladders shall-
 - be of sound material.
 - be of adequate strength having regard to the loads and strains to which they will be subjected, and
 - be maintained in proper condition.
- Scaffolds shall be so constructed that no part thereof can be displaced in consequence of normal use.
- Scaffolds shall not be over-loaded and so far as practicable the load shall be evenly distributed.
- Before installing lifting gear on scaffolds special precautions shall be taken to ensure the strength and stability of the scaffolds.
- Scaffolds shall be periodically inspected by a competent person.
- Before allowing a scaffold to be used by his workmen the contractor shall whether the scaffold has been erected by his workmen or not, take steps to ensure that it complies fully with the regulations hereinafter specified.
 - Working platform, gangway, stairways shall be so constructed that no part thereof can sag unduly or unequally.
 - (ii) be so constructed and maintained having regard to the prevailing conditions as to reduce as far as practicable the risks of person slipping or falling, and
- In the case of working platform, gangways, working place and stairways at a height exceeding 2 meters (To be specified).
 - every working platform and every gangway shall be closely boarded unless other adequate measures are taken to ensure safety.
 - every working platform and gangway shall have adequate width and
 - every working platform, gangway, working place and stairway shall suitably fenced.
- Every opening in the floor of a building or in a working platform shall, except for the time and to the extent required to allow the excess of persons or the transport

or shifting of material, be provided with suitable means .to prevent the fall of persons or material.

- When persons are employed on a roof where there is a danger of falling from a height exceeding 2 meters suitable precaution shall be taken to prevent the fall of persons or material, (to be prescribed).
- Suitable precautions shall be taken to prevent persons being struck by articles, which might fall from scaffolds or other working places.
- Safe means of access shall be provided to all working platforms and other working places.
- The contractors (s) will have to make payments to the labourers as per Minimum Wages Act.

Clause 19 B: The contractor shall comply with the following regulations as regards the Hoisting Appliances to be used by him:

- Hoisting machines and tackle, including their attachments, anchorages and supports shall-
 - be for good mechanical construction, sound material and adequate strength and free from patent defect; and
 - be kept in good repair and in good working order
- Every rope used in hoisting or lowering materials or as a means of suspension shall be of suitable quality and adequate strength and free from patent defect.
- Hoisting machines and tackle shall be examined and adequately tested after Erection on the site and before, use and be re-examined in position at intervals to be prescribed by the Zilla Parishad Sindhudurg
- Every chain, ring, hook, shackle, swivel and pulley block used in hoisting or lowering materials or as a means of suspension shall be periodically examined.
- Every crane driver or hoisting appliance operator shall be properly qualified.
- No person who is below the age of 14 years shall be in control of any hoisting machine including any scaffold which, or gives signal to the operator.
- In the case of every hoisting machine and of every chain, ring, hook, shackle, swivel and pulley block used in hoisting or lowering or as a means of suspension, the safe working load shall be ascertained by adequate means.
- Every hoisting machine and all gear referred to in preceding regulation shall be plainly marked with the safe working load.
- In the case of a hoisting machine having a variable safe working load each safe working load and the conditions under which it is applicable shall be clearly indicated.
- No part of any hoisting machine or of any gear referred to in regulation, 7 above shall be loaded beyond the safe working load except for the purpose of testing.
- Motors, gearing, transmissions, electric wiring and other dangerous parts of hoisting appliances shall be provided with efficient safeguards.
- Adequate precautions shall be taken to reduce to a minimum the risk of any part of a suspended load becoming accidentally displaced.

Clause 20- The contractor shall not set fire to any standing jungle, trees, brushwood or grass without a written permit from the Engineer in charge.

When such permit is given, and also in all cases when destroying cut or dug up trees, brushwood, grass etc. by fire, the contractor shall take necessary measures to prevent such fires spreading to or otherwise damaging surrounding property.

The contractor shall make his own arrangements for drinking water for the labour employed by him.

Clause 21 - Liability of contractor for any damage done in or outside work area:

Compensation for all damages done intentionally or un-intentionally by contractor's labour whether in or beyond the limits of the ZillaParishadSindhudurgproperty including any damage caused by the spreading of fire mentioned in clause 22 shall be estimated by the Engineer-in-charge or such other officer as he- may appoint and the estimates of the Engineer-in-charge subject to the decision .of the ZillaParishadSindhudurgon appeal shall be final and the contractor shall be bound to pay the amount of the assessed compensation on demand, failing which, the same will be recovered from the contractor as damages in the manner prescribed in clause 1 or deducted by ,the Engineer-in-charge from any sums that may be due or become due from the ZillaParishadSindhudurgto contractor under this contract of otherwise.

The contractor shall bear the expenses of defending any action or other legal proceedings that may be brought by any persons for injury sustained by him owing to neglect of precautions to prevent the spread of fire and he shall pay any damages and cost that may be awarded by the court in consequence.

Clause 22 - Work not to be sublet & Contract may rescinded and security deposit forfeited for subletting it without approval or for bribing a public officer or if contractor becomes insolvent:

The contract shall not be assigned or sublet without the written approval of the Engineer-in-charge. And if the contractor shall assign or sublet his contract, or attempt so to do, or become insolvent or commence any proceedings to get himself adjudicated and insolvent or make any composition with his creditors or attempts to do or if bribe, gratuity, gift, loan, perquisite reward or advantage pecuniary or otherwise, shall either directly or indirectly be given, promised, or offered by the contractor or any of his servants or agents to any public officer or person in the employ of the ZillaParishadSindhudurg in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in ,the contract, the Engineer-in-charge may thereupon recommend to the ACEO, and ,then ACEO by notice in writing contractor rescind the contract, and the security deposit of the contractor shall thereupon stand forfeited and be absolutely at the disposal of the ZillaParishadSindhudurg& the same consequences shall ensure as if the contract had been rescinded under Clause 3 hereof and in addition the contractor shall not be entitled to recover or be paid for any work therefore actually performed under the contract.

Clause 23 - Sum payable by way of compensation to be considered at reasonable compensation without reference to actual loss:

All sums payable by a contractor by way of compensation under any of these conditions shall be considered as a reasonable compensation to be applied to the use of the University without reference to the actual loss or damage sustained, and whether any damage has or has not been sustained

Clause 24 - Changes in the constitution of firm to be notified: In the case of tender by partners, any change in the constitution of a firm shall be forthwith notified by the contractor to the Engineer in charge for Information.

Clause 25- work to be under direction of Engineer in charge: All work to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the Engineer in charge for the time being, who shall be entitled to direct at what point or points and in what manner they are to be commenced, and from time to time carried on.

Clause 26- Decision of Engineer in charge to be final: Except where otherwise specified in the contract and subject to the powers delegated to him by ZillaParishadSindhudurg the decision of the ZillaParishadSindhudurg. Engineer in charge for the time being shall be final, conclusive, and binding on all parties of the contract upon all questions relating to the meaning of the specifications, designs, drawings, and instructions herein before mentioned and as to the quality of

workmanship, or materials used on the work, or as to any other question, claim, right, matter,

or thing whatsoever, in any way arising out of, or relating to the contract, designs, drawings, specifications, estimates, instructions, orders, or these conditions, or otherwise concerning the works, or the execution, or failure to execute the same, whether arising during the progress of the work, or after the completion or abandonment thereof.

Clause 27-Lump sums in estimate: When the estimate on which a tender is made includes lump sums in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for each item, or if the part of the work in question is not in the opinion of the Engineer-in-charge capable of measurement, the Engineer-In-charge may at his discretion pay the lump sum amount entered in the estimate, and the certificate in writing of the Engineer-in-charge shall be final and conclusive against the contractor with the regard to any sum or sums payable to him under the provision of this clause.

Clause 28-Action where no specification: In the case of any class of work for which there is no such specification as is mentioned in Rule I such work shall be carried out in accordance with specifications, and in the event of there being no specification, then in such case the work shall be carried out in all respects in accordance with all instructions and requirements of the Engineer-in-charge.

Clause 29 – Definition of work: The expression ‘works’ or ‘work’ where used in these conditions, shall unless there be something in the subject or context repugnant to such construction, be construed to mean the work or works contracted to be executed under or in virtue of the contract, whether temporary or permanent and whether original, altered, substituted or additional.

Clause 30 – Quarry Fees and Royalties: All quarry fees, royalties and ground rent for stacking materials, if any, should be paid by the contractor.

Clause 31 – Compensation under workmen’s Compensation Act. The contractor shall be responsible for and shall pay any compensation to his workmen payable under the Workmen's Compensation Act, 1923 (VIII of 1923), (hereinafter called the said Act) for injuries caused to the workmen. If such compensation is payable and if paid by Zilla Parishad as principal under sub-section (I) of Section 12 of the said Act on behalf of the contractor, it shall be recoverable by Zilla Parishad Sindhudurg from the contractor under sub-section (2) of the said section. Such Compensation shall be recovered in the manner laid down in Clause 1 above.

Clause 32A- The contractor shall be responsible for and shall pay the expenses of providing medical aid to any workman whom may suffer a bodily injury as a result of an accident. If such expenses are incurred by Zilla Parishad Sindhudurg the same shall be recoverable from the contractor forthwith and be deducted without prejudice to any other remedy of Zilla Parishad Sindhudurg from any amount due or that may become due to the contractor.

Clause 32B- The contractor shall provide all necessary personal safety equipment and first aid apparatus available for the use of the person employed on the site and shall maintain the same in conditions suitable for immediate use at any time and shall comply with the following regulations in connection therewith.

- The workers shall be required to use the equipments so provided by the contractor and the contractor shall take adequate care to ensure proper use of the equipment by those concerned.
- When work is carried on in proximity to any place where there is a risk of drowning all necessary equipment shall be provided and kept ready for use and all necessary steps shall be taken for the prompt rescue of any person in danger.
- Adequate provisions shall be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.

Clause 33 - Claim for quantities entered in the tender or estimate: Quantities shown in the tender are approximate and no claim shall be entertained for quantities of work executed being either more or less than those entered in tender or estimate..

Clause 34 - Employment of famine labour etc.: The contractor shall employ any famine, convict or other labour of a particular kind or class if ordered in writing to do so by the Zilla Parishad Sindhudurg.

Clause 35 - Claim for compensation No compensation shall be allowed for any delay caused in starting the work: No compensation shall be allowed for any delay caused in the starting of the work on account of acquisition of land or, in the case of clearance works, on account of any delay in accordance with sanction to estimates.

Clause 36 - Claim for compensation for delay in execution of work: No compensation shall be allowed for any delay in the execution of the work on account of water, standing in borrow pits or compartments. The rates are inclusive for hard or cracked soil, excavation in mud, sub-soil, water standing in borrow pits and no claim for an extra rate shall be entertained unless otherwise expressly specified.

Clause 37 - Entering upon or commencing any portion of work: The contractor shall not enter upon or commence any portion of work except with the written authority and instructions of the Engineer-in-charge or of his subordinate in charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

Clause 38 - Minimum age of person employed the employment of donkeys and/or other animals and the payment of fair wages:

- No contractor shall employ any person who is under the age of 14 years.
- No contractor shall employ donkeys or other animals with breeching of string of thin rope. The breeching must be at least three inches wide and should be of tape (Nawar)
- No animals suffering from sores, lameness or emaciation or which is immature shall be employed on the work.
- The Engineer-in-charge or his assistant is authorized to remove from the work; any person or an animal found working which does not satisfy these conditions and no responsibility should be accepted by Zilla Parishad Sindhudurg for any delay in the completion of the work by such removal.
- The contractor shall pay fair and reasonable wages to the workmen employed by him, in the contract undertaken by him in the event of any dispute arising between the contractor and his workmen on the grounds that the wages paid are not fair and reasonable, the dispute shall be referred without delay to the ACEO who shall decide the same. The decision of the ACEO shall be conclusive and binding on the contractor but such decision shall not in any way effect the conditions in the contract regarding the payment to be made by Zilla Parishad Sindhudurg as sanctioned tender rates.
- Contractor shall provide drinking water facilities to the workers. Similar amenities shall be provided to the workers engaged, on large work in urban areas.

Clause 39 - Method of Payment: Payment to contractors shall be made by cheque.

Clause 40 - Acceptance of conditions compulsory before tendering for work: A contractor who does not accept these conditions shall not be allowed to tender for works.

Clause 41: The price quoted by the contractors shall not in any case exceed the control price, if any fixed by Government or reasonable price which it is permissible for him to charge a private purchaser for the same class and description, the controlled price or the price permissible under Hoarding and Profiteering Ordinance, 1948 as amended from time to time

If the price quoted exceeds the controlled price permissible under Hoarding and Profiteering Prevention Ordinance, the contractor will specifically mention this fact in his tender along with the reasons for quoting such higher prices. The purchaser at his discretion will in such case exercise the right of revising the price at any stage so as to conform with the controlled price on the permissible under the Hoarding and Profiteering Prevention Ordinance. This discretion will be exercised without prejudice to any other action that may be taken against the contractor.

Clause 42: The rates to be quoted by the contractor must be inclusive of Sales Tax & any other taxes. No extra payment on this 'account will be made to the contractor.

Clause 43: In case of materials that may remain surplus with the contractor from those issued for tile work contracted, for, the date of ascertainment of the materials being surplus will be taken as the date of sale for the purpose of sales tax and the sales tax will be recovered on such sale.

Clause 44: Wages to the skilled and unskilled labourers engaged by the contractor.

The contractor shall pay the labourers skilled and unskilled according to the wages prescribed by the Minimum Wages Act applicable to the area in which the work of the contractor is in progress.

Clause 45: The successful tenders will be required to produce to the satisfaction of the specified concerned authority a valid and consequent license issued in favour under the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 before starting the work. On failure to do so, the acceptance of the tender should be liable to be withdrawn and also earnest money.

Clause 46: No any price escalation on rates is permitted & not paid.

Cause 47 - No any change should be made in the tender document by Contractor. If it is found such incident in later stage, the E.M.D. & S.D. of Contractor will be forfeited and action as per Zilla Parishad Sindhudurg will be taken.

Contractor
Zilla Parishad Sindhudurg

Additional Chief Executive Officer

SCHEDULE (A)

Statement showing (Approximately) the materials to be supplied from the University Stores for work contracted to be executed and the rates at which they are to be charged for

No.	Particulars	Unit	Rate at which the materials will be charged to the contractor Rs.	Place of delivery
1				
2				
3	As no material will be supplied by the Shivaji university hence not applicable			
4				
5				

Note: The person or firm submitting the tenders should see that the rates in above set are filled up by the University Engineer on the issue of the form prior submission of the tender.

(Signature of Contractor)

Signature of University Engineer

ZILLA PARISHAD SINDHUDURG

Proposed Design, supply, install, testing, commissioning with ten years of comprehensive maintenance contract of installation of minimum 50 kw grid connected axis solar photovoltaic power plant at Zilla Parishad Sindhudurg under DPDC Grants

General Note on Schedule 'B'

1. The contractor is required to examine carefully' drawings of Tender, Tender notice, Draft Articles of Agreement, Conditions of Contract and specifications including appendices before pricing in the quantities set out in the, schedule 'B'
2. The kw solar power plant quoted by the contractor for in the schedule of quantities shall include for supplying all materials and labour necessary for completing the work in the best and conditions of contract, for the erection and removal at completion of the work of all necessary scaffolding, shed, water, office of clerk of works with fittings latrine for the use of work people etc., for providing all water for the work in consultation with the employees including payment of charge for the same, for all fencing required to enclose the site to prevent people trespassing for all boarding, mats, clothes etc., to exclude dirt and dust and for all, other purposes required by the Engineer in charge for carting away all debris and rubbish; for leaving the premises in a clear and satisfactory state on completion and for working in conjunction with attending all other contractors employed on the building.
3. Other agencies will be working in the building during construction and general contractors must allow these contractors the use of scaffolding, water and render them general assistance. No addition to the completion time will be allowed unless special delay caused by other agencies shown. The general contractor must make good all holes in the building, necessary to be made by the Electrician, Sanitary and Water Supply Contractor and will submit their charges to the firm responsible. The decision of the Engineer in charge regarding this shall be final and binding on the contractors.
4. Contractor has to make his own arrangement for water.
5. All work shall be measured net as structural size and the rates quoted by the contractor shall include for all curing, waste, breakage etc. and also of finishing and the construction of the structures should be as per specified structural size.
6. The employer reserves the right to purchase any material required for the construction. The contractor will be paid for only labour and any other sundry materials in connection with the particular item or items.
7. The rates for excavation shall include for all bailing & pumping out water found necessary for the execution of the work and adequate arrangements, shall be made by the contractor to keep the foundation trenches and excavations dry after the un-watering process while the masonry or concrete work in progress & till the concrete is set as certified by the Engineer in charge. The Contractor will make his own arrangement for the necessary plant such as pump, engines, and all other machinery and materials required in this connection.
8. The rates for all painting, brick and stone masonry and plaster works shall include for watering the same for fifteen days, after placing in position concrete shall be cured for twenty one days.
9. All provisional sums, provisional items and contingencies included in the schedule of quantities shall be deducted in the whole or in part if not expended by the orders in writing by the Engineer in charge
10. The work on 1st floor always means the work, both on the 1st floor & terrace of 1st floor.
11. All Taxes on material of any kind should be borne by the contractor at his cost and no compensation will be paid by the Zilla Parishad Sindhudurg

(Contractor)

ACEO

ZILLA PARISHAD SINDHUDURG

Work:-Design,supply,install,testing,commissioningwithfiveyearsofcomprehensive maintenance contract of installation of minimum50 kw grid connected axis solar photovoltaic power plant at ZillaParisdhadSindhudurg under DPDC Grant

Conditions for the above work are as under

- Quantitiesput"to"**schedule'B'**areapproximateandcontractorwillhavetoexecutethe excessesorlessquantityatthesameapprovedrates.
- Time limit for the entire work is **only Two calendar Months** which will be counted fromthedateofreceiptofworkorder.
- The penalty as per tender clause no 2 will be charged on contractor if the work is not completedwithintheprescribedtimelimitandthesaidamountisnotrefundable.
- 5% amount of total project cost will be withheld by theZillaParisdhadSindhudurgas security deposit and the same will be refunded after the successful commissioning of the system and on submission of performance bank guarantee of Ten percent (10%) of total project cost fromanyNationalizedBankvalidforperiodof120 month /tenyears.
- Contractorhastomakehisownarrangementforwater.
- All machinery men and material required for this work will have to be arranged by the contractorathiscost.
- The work should be executed as per plans and design and direction of the Engineer in charge
- Specifications will be as per MNRE, MSEDCL, MEDA whenever not mentioned in itemsofworks.
- The decision of the Building & works Committee will be final and binding on the contractor.
- Any damages if made to existing structure by the contractor while working will have to bemadegoodasoriginalathiscost.
- AllthetmaterialtobeusedinworksshouldbegotapprovedbytheEngineer in charge / Architect / Consultant before using and rejected material should be removed fromwork siteimmediately.
- Siteshouldbecleanedaftertheworkiscompleted.
- Electric current required will be supplied at one spot only. The contractor has to fix the electricmeterathisowncost&requiredtopaythechargesasperMaharashtragov.rules.

I / we agree with all above conditions of contract and the same are binding on me /us.

ACEO
ZillaParishadSindhudurg

Date:-

ContractorSignature

Date:-
Address:

Annual Turnover

Each Bidder must fill in this form including private/public limited company.

Annual Turnover Data for the any 3 Year of FY 2016-17, 2017-18, & 2018-19			
Year	Amount Currency	Exchange Rate	Rs in Lacs
2016-17			
2017-18			
2018-19			

The information supplied should be the Annual Turnover of the Bidder in terms of the amounts billed to clients for each year for work in progress or completed.

Signature of Applicant

Certified by registered Chartered Accountant
(Affix Stamp)

Covering Letter:

FROM:-

(Full name and address of the Bidder)

.....

.....

To:

The Addl.CEO

ZillaParishadSindhu

durg, Maharashtra

Subject:-Offerinresponsetoe-tenderNo:239 Sir,

We hereby submit our offer in full compliance with terms & conditions of the above e-tender.

A blank copy of the e-tender, duly signed on each page is also submitted as a proof of our acceptance of all specifications as well as terms/ Conditions. We confirm that, we have the capability to Design, Supply, Install, Testing, Commissioning With ten Years of ComprehensiveMaintenanceContractofInstallationof minimum 50kWGridConnectedFixed Axis Solar Photovoltaic Power Plant. As per scope of work, technical parameters, terms and conditions are mentioned in the Bid document.

We further declare that, we have visited the site and examine the site of works and its surroundings and obtained all information that may be necessary for participation of tender and entering into a contract thereafter.

Thanking You,

(Signature of Bidder)

With Seal

DECLARATION: (To be submitted on Rs. 100/- stamp paper)

I / We, hereby declare that I / We have made myself / ourselves thoroughly conversant with the sub-soil conditions, local conditions regarding all materials and Labour of which I / we have based my / our rates of this work. The specifications, conditions and lead of materials on this work have been carefully studied and understood by me / us before submitting this Tender. I / We undertake to use only the best materials defined/approved by the Ministry of New and Renewable Energy (MNRE) Government of India (GoI).

The systems will be provided as per the specifications and guidelines issued by the Ministry of New and Renewable Energy / Zilla Parishd had Sindhudurg. We are bound to adhere to the guidelines issued by the Ministry of New and renewable Energy, Zilla Parishd had Sindhudurg from time to time. We also hereby committed that if in future MNRE make any changes in the specifications of the systems the same will be incorporated in the present Tender projects. We hereby agree that the work will be executed within the cost of Tender mentioned in the financial bid and there will be **no escalation** in cost for any reason thereof. I / We shall be responsible for any loss caused to the Zilla Parishd had Sindhudurg due to my / our failure to complete the work in time or leave the work in middle or failure to start the project in time, Zilla Parishd had Sindhudurg shall have right to **recover the full amount** from us.

I / We are bound to work as per Tender and work Order issued by Zilla Parishd had Sindhudurg for this work with 10 years Comprehensive Maintenance Contract. In case of failure of the same, we shall be responsible for any loss and for the action taken by competent Authority of Zilla Parishd had Sindhudurg resulting to ban to work and black-listing.

I / We shall be wholly responsible for any accident or any unusual/ unexpected circumstances held during the execution of work & also during the CMC period of 10 years.

(Signature of Bidder with Date, Name, Designation & Seal)

TECHNO-COMMERCIALBID

BID DOCUMENTS		
S No.	Document Name	Document Details
1	PAN *	Attach PAN card
2	Terms and conditions *	Covering letter in full compliance with terms and conditions of e-tender & conversant with the site condition on companys letter head as per format enclosed
3	Declaration form *	Declaration form on Rs. 100/- stamp paper as per format enclosed.
4	Test Certificates & Reports *	SPV Modules supplier details
5	Test Certificates & Reports *	IEC 61215 edition II/ IS 14286 for Crystalline Modules
6	Test Certificates & Reports *	IEC 61730 Part 1 & 2
7	Test Certificates & Reports *	STC Performance Report I V curve
8	Test Certificates & Reports *	PCU/ Inverter
9	Test Certificates & Reports *	IEC 6315
10	Authorization letter *	Authorization letter of the bidder, for the person representing his firm, that he is authorized to discuss and with specific mention of this e-tender
11	List of works executed *	Value of a Single Order of PV Systems / Power Plants executed by the bidder - A copy of the order indicating its value and certificate indicating its successful execution (Value more than Rs.75 Lakh is desired).
12	VAT *	VAT registration Certificate (If Contractor does not have VAT Certificate, they must attach separate letter mentioning the same on letter head)
13	Registration Certificate *	The bidder must be Manufacturing Company/Firm/ Corporation Registered in India of SPV Cells / Modules/ (conforming to relevant National / International Standards) OR a PV System Integrator empanelled as channel partner accredited by the MNRE for gridco
14	Previous performance Certificate *	Bidder must furnish a performance certificate issued by the employer, clearly mentioning that the Bidder has successfully installed and commissioned single project of at least 100 kW capacity grid connected Solar Photovoltaic Power Plants duly signed an
15	List of works executed *	In addition to above condition bidder has to attach list of similar works executed during last three years and in hand along with its cost & the addresses of the owners.
16	Partnership Deed *	A Photostat copy of the partnership deed and power of attorney if any.
17	Annual Turnover *	Overall Average Annual Turnover of the Company/Firm/Corporation in the last three financial years (2012-13, 2013-14 & 2014-15). A summarized sheet of turnover of last three Financial Years certified by registered Chartered Accountant as per enclosed form
18	MNRE *	MNRE accredited Grid connected Channel Partner/ Programme Administrator OR Credit Rating (from MNRE Accredited Rating Agency of SP 3C and above)
19	Affidavit *	Affidavit of not ever have been debarred by any Government Department.
20	Technical Person *	The details of Technical Personnel on the roll of the bidder.
* - Indicates Mandatory Document to Fill (to participate in tender)		

ITEM DETAILS										
S.No.	Item Code	Item Name	Category	Qty. Req.	Unit	Version	Specification	Drawing	Documents Req. from Vendors	Comments
1	005-138-0001 *	ELECTRICAL, PLUMBING AND HARDWARE->TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL->DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF GRID CONNECTED SOLAR PV SYSTEM OF CAPACITY 100KW COMPRISING OF SOLAR POLYCRYSTALLINE MODULES WITH MINIMUM CAPACITY OF 250 WP ALONG WITH MODULE MOUNTING STRUCTURES, DC CABLES, AC CABLES, STRING COMBINER BOX, DC DISTRIBUTION BOXES, AC DISTRIBUTION BOXES, EARTHING ALONG WITH GRID INTERACTIVE INVERTERS (POWER CONDITIONING UNITS) AS PER LATEST MNRE, MEDA, AND MSEDCL GUIDELINES (PLEASE REFER RESPECTIVE WEB SITES: HTTP://WWW.MNRE.GOV.IN/ ; HTTP://WWW.MAHAURJA.COM/ ; HTTP://WWW.MAHADISCOM.IN/) AND TECHNICAL SPECIFICATION ENCLOSED. HANDING OVER THE ENTIRE SYSTEM TO SHIVAJI UNIVERSITY IN GOOD WORKING CONDITION ALONGWITH DOCUMENTATION AT THE END OF 5 YEARS. THE POINT OF GRID FEEDING WILL BE AT MAIN LT PANEL OF TRANSFORMER NO. 5.	PURCHASE	01.00	SET	0	No	No	No Documents Selected	N.A.
2	005-138-0002 *	ELECTRICAL, PLUMBING AND HARDWARE->TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL->DATA ACQUISITION SYSTEM - WEB BASED REMOTE PERFORMANCE MONITORING SYSTEM (RPMS) ALONG WITH DATA LOGGING SYSTEM (HARDWARE AND SOFTWARE) FOR PLANT CONTROL AND MONITORING SHALL BE PROVIDED WITH A NEW DESKTOP WITH THE FOLLOWING FEATURES: DVD RW DRIVE, 20 LCD, USB SCROLL MOUSE, ALONG WITH 500 VA UPS. (THE ABOVE MENTIONED DATA ACQUISITION SYSTEM, DATA LOGGING SYSTEM, SOLAR RADIATION AND ENVIRONMENT MONITORING SYSTEM & DESKTOP CONFIGURATION SHOULD COMPUTABLE WITH EACH OTHERS FOR INTERFACE POINT OF VIEW.)	PURCHASE	01.00	SET	0	No	No	No Documents Selected	N.A.

3	005-138-0003 *	ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>SOLAR RADIATION AND ENVIRONMENT MONITORING SYSTEM FOR PERFORMANCE MONITORING OF ABOVE SYSTEM INCLUDING RADIATION SENSOR, TEMPERATURE SENSOR, HUMIDITY SENSOR, WIND SPEED AND WARRANTEE FOR THE PERIOD OF FIVE YEARS.	PURCHASE	01.00	SET	0	No	No	No Documents Selected	N.A.
4	005-138-0004 *	ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>OPERATION AND COMPREHENSIVE MAINTENANCE CHARGES INCLUDING CLEANING OF PV SYSTEM SUPPLIED, MAN POWER AND MATERIAL IF ANY REQUIRED FOR SATISFACTORILY PERFORMANCE FOR THE PERIOD OF FIVE YEARS FROM THE DATE OF SUCCESSFUL COMMISSIONING.	PURCHASE	05.00	YR	0	No	No	No Documents Selected	N.A.
5	005-138-0005 *	ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF NET METERING ARRANGEMENT INCLUDING INSTALLATION OF CTS, PTS IF ANY REQUIRED AS PER GUIDELINES & SPECIFICATIONS OF MNRE, MEDA, MSEDCL FOR IMPORT AND EXPORT OF POWER TO MSEDCL INCLUDING COST INVOLVED FOR COORDINATING. (NECESSARY PAYMENT TO MSEDCL IN THIS CONNECTION WILL HAVE TO BE ARRANGED BY THE CONTRACTOR AND SAME WILL BE REIMBURSED BACK TO CONTRACTOR BY UNIVERSITY ONLY ON SUBMITTING ORIGINAL INVOICE / BILLS FROM MSEDCL.)	PURCHASE	01.00	SET	0	No	No	No Documents Selected	N.A.
6	005-138-0006 *	ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>SUBSIDY AMOUNT	PURCHASE	01.00	RS	0	No	No	No Documents Selected	N.A.

7	005-138-0007 *	ELECTRICAL, PLUMBING AND HARDWARE->TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL->ADDITIONALLY, IF APPLICABLE AND MANDATORILY REQUIRED AND SUGGESTED BY MSEDCL, SUPPLY AND INSTALLATION/LAYING OF SUITABLE SIZE UNDERGROUND CABLE FROM MAIN LT PANEL OF TRANSFORMER NO.5 UP TO THE POINT OF NET METERING ARRANGEMENT, INCLUDING EXCAVATION UP TO 750 MM AND BACK FILLING. (ACTUAL QUANTITY MAY VARY BASED ON SITE CONDITION. HOWEVER, VENDER WILL BE PAID BASED ON ACTUAL MEASUREMENT OF LENGTH OF CABLE ON SITE)	PURCHAS E	01.00	PER MET ER	0	No	No	No Documents Selected	N.A.
* - Indicates Mandatory Item to Quote (or to participate in tender)										

PRICEBID	
BID DOCUMENTS	
NOT REQUIRED	
FORMULA DETAILS	
Category Name	Formula
PURCHASE	RATEPERUNITINCLUSIVEOFALLTAXESANDETC

Price Schedule :PURCHASE

S No.	Item Code	RATE PER UNIT INCLUSIVE OF ALL TAXES AND ETC (in Rupees)	Total
		field18	
1	[ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF GRID CONNECTED SOLAR PV SYSTEM OF CAPACITY 100KW COMPRISING OF SOLAR POLYCRYSTALLINE MODULES WITH MINIMUM CAPACITY OF 250 WP ALONG WITH MODULE MOUNTING STRUCTURES, DC CABLES, AC CABLES, STRING COMBINER BOX, DC DISTRIBUTION BOXES, AC DISTRIBUTION BOXES, EARTHING ALONG WITH GRID INTERACTIVE INVERTERS (POWER CONDITIONING UNITS) AS PER LATEST MNRE, MEDA, AND MSEDCL GUIDELINES (PLEASE REFER RESPECTIVE WEB SITES: HTTP://WWW.MNRE.GOV.IN/;HTTP://WWW.MAHAURJA.COM/;HTTP://WWW.MAHADISCOM.IN/) AND TECHNICAL SPECIFICATION ENCLOSED. HANDING OVER THE ENTIRE SYSTEM TO SHIVAJI UNIVERSITY IN GOOD WORKING CONDITION ALONGWITH DOCUMENTATION AT THE END OF 5 YEARS. THE PINT OF GRID FEEDING WILL BE AT MAIN LT PANEL OF TRANSFORMER NO. 5.]		
	005-138-0001 *		
2	[ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>DATA ACQUISITION SYSTEM - WEB BASED REMOTE PERFORMANCE MONITORING SYSTEM (RPMS) ALONG WITH DATA LOGGING SYSTEM (HARDWARE AND SOFTWARE) FOR PLANT CONTROL AND MONITORING SHALL BE PROVIDED WITH A NEW DESKTOP WITH THE FOLLOWING FEATURES: DVD RW DRIVE, 20 LCD, USB SCROLL MOUSE, ALONG WITH 500 VA UPS. (THE ABOVE MENTIONED DATA ACQUISITION SYSTEM, DATA LOGGING SYSTEM, SOLAR RADIATION AND ENVIRONMENT MONITORING SYSTEM & DESKTOP CONFIGURATION SHOULD COMPUTABLE WITH EACH OTHERS FOR INTERFACE POINT OF VIEW.)]		
	005-138-0002 *		
3	[ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>SOLAR RADIATION AND ENVIRONMENT MONITORING SYSTEM FOR PERFORMANCE MONITORING OF ABOVE SYSTEM INCLUDING RADIATION SENSOR, TEMPERATURE SENSOR, HUMIDITY SENSOR, WIND SPEED AND WARRANTEE FOR THE PERIOD OF FIVE YEARS.]		
	005-138-0003 *		
4	[ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>OPERATION AND COMPREHENSIVE MAINTENANCE CHARGES INCLUDING CLEANING OF PV SYSTEM SUPPLIED, MAN POWER AND MATERIAL IF ANY REQUIRED FOR SATISFACTORILY PERFORMANCE FOR THE PERIOD OF FIVE YEARS FROM THE DATE OF SUCCESSFUL COMMISSIONING.]		
	005-138-0004 *		
5	[ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF NET METERING ARRANGEMENT INCLUDING INSTALLATION OF CTS, PTS IF ANY REQUIRED AS PER GUIDELINES & SPECIFICATIONS OF MNRE, MEDA, MSEDCL FOR IMPORT AND EXPORT OF POWER TO MSEDCL INCLUDING COST INVOLVED FOR COORDINATING. (NECESSARY PAYMENT TO MSEDCL IN THIS CONNECTION WILL HAVE TO BE ARRANGED BY THE CONTRACTOR AND SAME WILL BE REIMBURSED BACK TO CONTRACTOR BY UNIVERSITY ONLY ON SUBMITTING ORIGINAL INVOICE / BILLS FROM MSEDCL.)]		
	005-138-0005 *		
6	[ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>SUBSIDY AMOUNT]		
	005-138-0006 *		

7	[ELECTRICAL,PLUMBING AND HARDWARE<>TENDER FOR DESIGN, SUPPLY, INSTALL, TESTING, COMMISSIONING WITH FIVE YEARS OF COMPREHENSIVE MAINTENANCE CONTRACT OF INSTALLATION OF 100 KW GRID CONNECTED ROOF TOP MOUNTED FIXED AXIS SOLAR PHOTOVOLTAIC POWER PLANT AT MAIN ADMINISTRATIVE BUILDING OF SHIVAJI UNIVERSITY, KOLHAPUR, UNDER RASHTRIYA UCHCHATRA SHIKSHA ABHIYAN (RUSA) PROPOSAL<>ADDITIONALLY, IF APPLICABLE AND MANDATORILY REQUIRED AND SUGGESTED BY MSEDCL, SUPPLY AND INSTALLATION/LAYING OF SUITABLE SIZE UNDERGROUND CABLE FROM MAIN LT PANEL OF TRANSFORMER NO.5 UP TO THE POINT OF NET METERING ARRANGEMENT, INCLUDING EXCAVATION UP TO 750 MM AND BACK FILLING. (ACTUAL QUANTITY MAY VARY BASED ON SITE CONDITION. HOWEVER, VENDER WILL BE PAID BASED ON ACTUAL MEASUREMENT OF LENGTH OF CABLE ON SITE)]		
	005-138-0007 *		
* - Indicate Price required for this item.			