

VIJAYAWADA MUNICIPAL CORPORATION



**Preparation of Master Plan for Vijayawada
Municipal Corporation as per guidelines of
Ministry of New & Renewable Energy, New
Delhi for Solar City program.**

VOLUME - I

(TO BE SUBMITTED IN SEALED COVER – A)
(Technical Bid)

**Name of work:-Preparation of Master Plan for Vijayawada
Municipal Corporation as per guidelines of
Ministry of New & Renewable Energy, New
Delhi for Solar City program.**

Name of the Agency to whom issued:- _____

Cost of schedule paid Rs. _____ vide _____

Bearing No. _____ Date _____ of _____ Bank

CHECK LIST FOR DOCUMENTS
TO ACCOMPANY WITH THE TENDER
 (TO BE SUBMITTED IN ENVELOPE NO. 1)

Sr. No.	Brief details documents required Whether	enclosed ornot
1	Earnest money in the form of receipt challan or Crossed DD/Crossed bankers cheque of any bank in the name of the Commissioner, Vijayawada Municipal Corporation, VIJAYAWADA (Earnest money Deposit Exemption certificate issued by State Government Organization shall not be accepted)	Yes/No
2	The Organizational set up of the Tenderer	Yes/No
3	Generation information about the bidder in form No. Form IV-1	Yes/No
4	Declaration of the bidder in Form IV-2	Yes/No
5	Details of other works for which tender are submitted in Form IV-3	Yes/No
6	Details of works in hand in Form IV-4	Yes/No
7	Details of works of similar type carried out by the Bidder in Form IV-5	Yes/No
8	Details of Technical Personnel on the rolls of the Bidder in Form IV-6	Yes/No
9	Detailed project management schedule in the form of PERT chart.	Yes/No

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(TO BE SUBMITTED IN ENVELOPE NO. 2)

Sr. No.	Brief details documents required Whether enclosed or not	
1.	Bid document duly signed on every page in along with Offer form duly filled and signed token of acceptance.	Yes/No
2.	Bid document duly signed on every page in along with Offer form duly filled and signed token of acceptance.	Yes/No
3.	Bid document duly signed on every page in along with Offer form duly filled and signed token of acceptance.	Yes/No
4.	Bid document duly signed on every page in along with Offer form duly filled and signed token of acceptance.	Yes/No

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NAME OF WORK : Preparation of Master Plan for Vijayawada Municipal Corporation as per guidelines of Ministry of New & Renewable Energy , New Delhi for Solar City program,

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Issued to _____

Receipt No. _____ Dated _____

SUPERINTENDING ENGINEER - I
Vijayawada Municipal Corporation,
VIJAYAWADA

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SUPERINTENDING ENGINEER - I

TENDER NOTICE

VIJAYAWADA MUNICIPAL CORPORATION

Tender Notice No. VMC/ENG / ACP / 148888 / 2008-09

Tenders/ offers are invited from indicative list of consultants provided by Ministry of New & Renewable Energy , New Delhi for " Preparation of Master Plan for Vijayawada Municipal Corporation as per guidelines of Ministry of New & Renewable Energy, New Delhi for Solar City program " .

- 1) Eligibility: Experience in the field of energy and environment at least for last 3 Years and experience in preparing renewable energy, energy efficiency and climate change action plan for cities.
- 2) Blank Tender will be available at **Superintending Engineer - I VMC, Jawaharlal Nehru Buildings, Vijayawada-520001**
From 16.10.2009 to 29.10.2009 during 11.00 A.M. to 04.00 P.M.
at a cost of Rs.1000/- by Demand Draft in favour of Commissioner, Vijayawada Municipal Corporation and in favour of C.T.O. Rs.125/-
- 3) Pre-Tender meeting will be held in the office of the Superintending Engineer - I on 23.10.2009 at 11.30 am
- 4) Earnest money deposit of Rs. 1000.00 (Rs Ten Thousands only) to be submitted in prescribed form
- 5) Last date of submission of Tender from date of sale 30.10.2009 till 16.00 Hrs.
- 6) Tender opening on 30.10.2009 at 17.00 Hrs

Note: -

1. Document can also be downloaded from our website www.eprocurement.gov.in. The participant has to ensure that all pages are completely downloaded and each page shall be signed and submitted in envelope No. 2. In case of downloaded Tender document, fee of Rs 1,000/- shall be paid in the form of demand draft and submitted in envelope no. 1. Otherwise downloaded Tender document shall not be considered.
2. In case of any discrepancy observed in downloaded tender document with printed tender document, the Tenderer is bound to accept printed tender document.
3. The rates quoted on the Tender will be considered valid for a period of 180 days from the date of opening of the Tender.
4. VIJAYAWADA Municipal Corporation reserves the right to revise or amend the notice and / or the Tender Document, fully or partly.
5. Right to reject any or all offers without assigning any reason thereof is reserved with Commissioner, Vijayawada Municipal Corporation.

Sd/-
SUPERINTENDING ENGINEER - I
Vijayawada Municipal Corporation, VIJAYAWADA.

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SUPERINTENDING ENGINEER - I

SECTION – II**DETAIL TENDER NOTICE**

Tenders/ offers are invited from indicative list of consultants provided by Ministry of New & Renewable Energy , New Delhi for " Preparation of Master Plan for VIJAYAWADA Municipal Corporation as per guidelines of Ministry of New & Renewable Energy , New Delhi for Solar City program ".

Name of the Project:

" Preparation of Master Plan for VIJAYAWADA Municipal Corporation as per guidelines of Ministry of New & Renewable Energy , New Delhi for Solar City program ".

Cost of Tender Document

Rs. 1,000/- (Rs. One Thousand Only) per Copy.

2.3 Qualification criteria:

2.3.1 Tenderer shall have experience in the field of energy and environment at least for last 3 years and experience in preparing renewable energy, energy efficiency and climate change action plan for cities

2.4 Earnest Money Deposit

2.4.1 Interest free Earnest money deposit of Rs. 10,000.00 (Rupees Ten thousands) in the form of receipted challan of VMC VIJAYAWADA or Crossed DD/Crossed bankers cheque issued by any bank in favor of the Commissioner VMC, VIJAYAWADA should be submitted in Envelope No.1 of Tender document.

2.4.2 Tender of those who do not submit Earnest money deposit in Envelope No.1 in one of the above acceptable forms, shall be summarily rejected.

2.4.3 The amount of Earnest money deposit will be refunded to the unsuccessful Tenderer on deciding about the acceptance of the Tender or on expiry of the validity period whichever is earlier. In case of the successful Tenderer, Earnest money deposit will be refunded on their

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paying the security deposit and issue of work order or it will be transferred towards a part of security deposit to be paid after awarding of the work. If successful Tenderer does not pay the security deposit in the prescribed time limit and complete the agreement bond, their earnest money deposit will be forfeited to VMC . VIJAYAWADA, besides other suitable actions.

2.5 Period of Contract: 4 months

2.6 Schedule of work :

The successful Tenderer has to prepare Master plan of Solar City as per guideline of Ministry of New & Renewable Energy , New Delhi.

- 2.7. **Last date for issue of Tender document:** 29.10.2009
- 2.8. **Pre-bid Meeting will be held on :** 23.10.2009
- 2.9. **Last date and time for receipt of Tenders :**30.10.2009 at 16.00 Hrs
- 2.10. **Place, Date and Time for:** O/o. Superintending Engineer - I Office, VIJAYAWADA
- 2.11. **Opening of Tenders. Superintending Engineer - I VMC, Jawaharlal Nehru Buildings, Vijayawada-520001. Vijayawada Municipal Corporation, VIJAYAWADA - 520001,**

Date 30.10.2009 Time 17.00 Hrs.

2.11 **Tender form will be available at Executive Engineer – IV VMC, Jawaharlal Nehru Buildings, Vijayawada-520001**

from **16.10.2009** to **29 .10.2009** during 11.00 Hrs. to 16.00 Hrs at a cost of Rs.1,000/- by Demand Draft.

Note: -

- 1 Document can also be downloaded from our website www.ourvmc@yahoo.com the participant has to ensure that all

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pages are completely downloaded and each page shall be signed and submitted in envelope No. 2. Tender form fee of Rs 1000/- shall be paid in the form of demand draft and it should be submitted in envelope no. 1

2. In case of any discrepancy observed in downloaded tender document with printed tender document, the Tenderer is bound to accept printed tender document.

3. All Demand Draft /crossed bankers cheque any Nationalized Bank should be drawn in favor of "Commissioner, Vijayawada Municipal Corporation" payable at VIJAYAWADA.

4. Vijayawada Municipal Corporation reserves the right to revise or amend the notice and / or the Tender Document, fully or partly. Right to reject any or all offer or annul Tendering process without assigning any reason thereof is reserved with Commissioner.

Vijayawada Municipal Corporation. The commissioner also has right to annul the Tendering process without assigning any reason. VMC would not be responsible neither bear loss of Tenderer on account of modification, cancellation.

2.12 Validity of offer shall be 180 days from last date of submission of Tender.

2.13 Pre-bid Meeting:

A pre bid meeting is open to all tenderer who have purchased Tender documents. Pre bid meeting will be held **on 23.10.2009** at 11.30 hrs. and or date fixed by the SUPERINTENDING ENGINEER - I at office of the SUPERINTENDING ENGINEER - I Vijayawada Municipal Corporation, VIJAYAWADA wherein, the Tenderer will have an opportunity to obtain, the information, clarifications regarding the project and the conditions in the Tender Documents.

The Tenderer is free to ask additional information or clarifications preferably in writing in advance and the clarifications will be given in the pre Tender by the SUPERINTENDING ENGINEER - I, Vijayawada Municipal Corporation,

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VIJAYAWADA. Based on these clarifications, necessary corrigendum / addendum which will be common and applicable to all Tenderer irrespective of whether the Tenderer have attended the Pre Tender Meeting or not and this will form a part of Tender document.

2.14 The offers submitted by the Tenderer shall be based on the Tender Documents as also corrigendum / addendum issued. The offer shall be Unconditional. Conditional offers shall be liable to be summarily rejected.

2.15 Tenderer are cautioned that the offers containing any material deviation from the contractual terms and conditions of contract specifications and other requirements relating to the project specified in the Tender documents shall be liable summarily rejected.

2.16. Submission of the Tender

The offer shall be submitted in two separate sealed envelopes addressed to the SUPERINTENDING ENGINEER - I, VIJAYAWADA Municipal Corporation appropriately numbered and marked on the envelopes in the manner given below.

2.17 Envelope No. 1:

The first envelope clearly marked, as Envelope No. 1 shall contain the following information documents.

1. Earnest money of mentioned amount in the form of receipt challan or Crossed Demand Draft / Crossed bankers cheque of any bank in the name of the Commissioner, Vijayawada Municipal Corporation, VIJAYAWADA (Earnest money Deposit Exemption certificate issued by State Government Organization shall not be accepted)
2. The consultant shall have empanelment with MNRE
3. The Organizational set up of the tenderer .
4. General information about the Tenderer in form No. Form -1
5. Declaration of the Tenderer in FORM- 2

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6. Details of other works for which tender are submitted (In Form No.3)
7. Details of works in hand (In Form No.4)
8. Details of works of similar type carried out by the Tenderer (In Form No. 5). The experience certificates from utilities for similar type of work from shall be submitted duly attested by Gazetted officer.
9. Details of Technical Personnel on the rolls of the Tenderer/ Partners of the Joint Venture proposed to be deployed on this work. (In Form No.6).
10. Detailed project management schedule in the form of PERT chart.

Envelope No.2:

The Second Envelope clearly marked Envelope No. 2 shall contain following information / documents.

- a) Tender document shall be duly signed on every page along with Offer form duly filled and signed in token of acceptance.
- b) Corrigendum / addendum duly signed in token of acceptance.
- c) Any other details (in duplicate) which may be relevant to the financial details of the project.

These two sealed envelopes No. 1 & 2, Cover – A (Technical) & Cover – B (Financial) shall be put together in one common sealed cover. This common sealed cover shall be marked on the left hand top corner Tender for " Preparation of Master Plan for Vijayawada Municipal Corporation as per guidelines of Ministry of New & Renewable Energy , New Delhi for Solar City program ".

2.18 The Tenderer should ensure that their offer is submitted (in person / By post / By courier) before the expiry of the due date and time prescribed. Delayed offers shall not be entertained for any reason whatsoever. The

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Tender offered or received after due date and time shall either not be accepted or if inadvertently accepted, shall not be opened.

The Tenderer shall take notice that the Tender application once submitted can not be withdrawn by applicant/ applicants for any reason whatsoever and subject to compliance of terms and condition of these presents. The same shall be processed according to procedure laid down herein above.

2.19 Opening of Tenders

The Tender shall be opened on the date & time specified subject to following procedure.

2.19.1 Envelope No. 1 of the Tenderer will be opened first by the Tender opening authority to verify its contents as per requirements specified in Tender documents. The Tenderer has to submit documents as per the checklist mentioned in the Tender document and confirms the same on check list. If various documents contained in this envelope do not meet the specified requirements envelope No 2 shall not be opened. However, the right to ask for the incomplete information is reserved by Vijayawada Municipal Corporation. Envelope No. 1 shall contain documentation support of qualification criteria.

2.19.2 Envelope No. 2 of only those Tenderer who have fulfilled the requirements stipulated in Envelope No. 1 above shall be opened by the Tender opening authority. Detailed scrutiny of the components of the Envelope No. 1 may take some time as it involves evaluating financial capabilities, technical capabilities, references, past performance of the Tenderer etc. and soundness of the technical proposal and also asking for missing information, clarification or compliance with Tender documents. It may not be possible to open the financial Tender on the same day of opening of Envelope No. 1. A suitable date and time for the opening of Envelope No. 2 will be intimated and it shall be opened in the presence of only those Tenderer whose Envelope is to be opened and wish to remain present.

The financial Tender shall be read out to the entire Tenderer or their representatives who will be present at the time of opening thereof. In

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case Tenderer sending their representative they should bring authority letter for remaining present while opening of Envelope.

2.20. Evaluations and Acceptance

Evaluation of the Tenders will be done by taking into consideration the expertise, experience, technical knowledge and competency of the TENDERER along with the quoted cost of project.

VMC reserves the right to accept any offer based on its merits and

VMC is not bound to place the order with the party having submitted the lowest offer. Thus, the Tenderer merely on the ground that their financial offer is lowest, does not necessarily qualify them for receiving the order.

Vijayawada Municipal Corporation may recommend the qualified and economical offer to Ministry of New & Renewable Energy , New Delhi for final sanction.

2.20.1 The acceptance of the Tender shall be communicated to the Tenderer in writing. The Tenderer shall require to pay security deposit amounting to 3% of work order amount within 15 days from receipt of acceptance letter.

2.20.2 The Tenderer and the Vijayawada Municipal Corporation will enter into an agreement comprising the original copy of the Tender documents including common set of deviations, revisions amendments, correspondence with and by the Department and the drawings, in the form of agreement given in format in proceeding Sections

2.21 Security deposit

Successful Tenderer shall have to pay security deposit amounting to 3% of work order amount in form of Demand Draft / In form of Bank guarantee valid for entire Contract period and for further 6 (six) months period from expiry thereof from any nationalized Bank. This security deposit will remain with VMC interest free..

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SUPERINTENDING ENGINEER - I

SECTION – III**SCOPE OF WORK****7.1 SCOPE OF WORK:**

The scope includes preparation of master plan for developing VIJAYAWADA city as Solar city. The guidelines and other details for preparation of master plan is given in Annexure I, II & III .

Deliverbles:

1. Inception Report.
2. Draft Master Plan Report.
3. Final Master Plan Report.
4. After preparation of the report(draft final) the consultant shall present the proposal through power point presentation to the Commissioner and VMC Staff.

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Section IV

VARIOUS FORMS TO BE FILLED BY THE TENDERER

Form - 1

(To be submitted in Envelope No.1)

GENERATION INFORMATION ABOUT THE TENDERER

1 Name of the Company

1a Postal Address

1b Telephone / FAX No

1c E-mail address & URL

2 Type of Company

Attach Proof of Company
Registration along with a copy of the
Partnership Deed/ Article of
Association and Memorandum of
Understanding Proprietorship/
Partnership/ Private Limited/ Public
Limited

3 Name and designation of the
representative of the Tenderer to
whom all reference shall be made to
expedite technical coordination.

4 Amount and reference of the
Earnest Money Deposit deposited.

5 Factory Address

6a Factory Telephone / FAX No.

6b Factory email address

6c Floor area of the factory

6d Manufacturing facilities (a list of
machinery be enclosed)

7 Name and address the Indian
/ Foreign collaborator(s) if any

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- 8 Offer submitted in Technical Collaboration/ Joint Venture with a foreign Company? if yes, give details of such JV.
- 9a Details of Technical Staff available.
Please furnish information as per Enclosed form
- 9b Details of workmen on muster roll Skilled/ semiskilled/ unskilled
- 10 List of components manufactured by the company at their factory
- 11 List of components sourced from outside/ other agencies
- 12 Details of Marketing network of the company
- a) _No. of marketing personnel
b) _No. of dealers in the state
(A list with contact information be enclosed)
- 13 Details of previous work experience with VMC _____, if any
- a)_ Systems supplied/ installed under VMC _____/MNRE Scheme
- b)_ Systems supplied/ installed without VMC _____ / MNRE Scheme (Details be appended with the application)
- 14 Has the company/firm to pay arrear of income tax? If yes up to what amount.
- 15 Has any Govt. Dept./ Undertaking ever debarred the company/ firm from executing any work?
- 16 Reference of any other information attached by the company (give details of attachment)

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FORM 2

(To be submitted in Envelope No.1)

DECLARATION OF THE TENDERER

I/We, hereby declare that I/We have made myself/ourselves thoroughly Conversant with the site conditions, local conditions regarding all materials and Labour of which I/We have based my/our rates of this work. The Specifications, conditions, results 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 approved by the Superintending Engineer - I, Vijayawada Municipal Corporation, VIJAYAWADA of their duly authorized assistant before starting the work and to a Tenderer by their decision.

In case, if I/We fail to complete the work in stipulated time schedule, the Penalty shall be levied as per contract condition.

Signature of Tenderer(s).

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FORM 3

DETAILS OF OTHER WORKS FOR WHICH TENDER ARE SUBMITTED

(To be submitted in Envelope No.1)

Sr. No.	Name of Customer to whom tender are submitted	Brief Description of Work	Estimated Cost of Work
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SUPERINTENDING ENGINEER - I

FORM 4**DETAILS OF WORKS IN HAND****(To be submitted in Envelope No.1)**

Sr. No.	Name of Customer	Name of Customer	Description of Work	Total Contract Value	Probable Value of unfinished work at the time of submission of tender	Date of Completion	Remark
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SUPERINTENDING ENGINEER - I

FORM 5**DETAILS OF WORKS OF SIMILAR TYPE CARRIED OUT BY THE
TENDERER**

(To be submitted in Envelope No.1)

Sr. No.	Name of the Company with full address, phone, fax and name of contact person	Work Description	Ref. & date of the order	Work Order Value	Details of order & its configuration
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- Copies of Work orders should be attached with this information.
- If necessary, separate sheet may be used to submit the information.

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FORM 6**DETAILS OF TECHNICAL PERSONNEL WITH THE TENDERER WHOM
WILL BE DEPLOYED FOR THIS WORK**

(To be submitted in Envelope No.1)

Sr. No.	Name of Person in Field or in Offices	Qualification working	Whether	Mode of Employment & Experience	Period for which the person is working with the Tenderer	Remarks
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SUPERINTENDING ENGINEER - I

Section V

Agreement form & Proforma for Bank Guarantee

A G R E E M E N T

(On Stamp Paper worth Rs. 100/-)

THIS AGREEMENT is made this _____ day of _____ 200

B E T W E E N

THE MUNICIPAL CORPORATION OF THE CITY OF VIJAYAWADA, a body corporate under B.P.M.C. Act, 1949, represented by its Superintending Engineer - I

Superintending Engineer - I, hereinafter called 'The Party of the First Part' &

In case of individual:

Shri / Smt/ Kum _____ son/wife/daughter of
_____ sole proprietor of M/s. _____,

Indian inhabitant, residing at

_____.

In case of partnership firm

In case of Limited Company:

M/s _____ Limited, a company registered under the Companies Act. 1956 (1 of 1956)/ Indian Companies Act, 1913 (VII of 1913), a Company having the incorporated office at _____ hereinafter referred to as " the Tenderer" (which expression shall unless repugnant to the context or meaning thereof shall include its administrators, successors and assigns) of the Other Part and

WHEREAS The Vijayawada Municipal Corporation invited proposals for Design, supply, erection, testing and commissioning of solar air conditioning

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system at Main office, Vijayawada Municipal Corporation, Vijayawada as per Notice

inviting Tender No. _____ dated _____ issued by the Superintending Engineer - I

AND WHEREAS pursuant to the said Tender Notice, dated

_____ M/s. _____ the Tenderer/s has

submitted their Tender for the project cost is Rs..... (In words.....)

AND WHEREAS the Tenderer has agreed to Design, supply, erection, testing and commissioning of solar air conditioning system at Superintending Engineer - I VMC, Jawaharlal Nehru Buildings, Vijayawada-520001

AND WHEREAS the Tenderer has agreed to carryout comprehensive Maintenance of system for 5 years.

AND WHEREAS after the acceptance of the proposal communicated by the Vijayawada Municipal Corporation, the Tenderer is required to enter into and Agreement with the Vijayawada Municipal Corporation in connection with execution of the Project, being in fact these presents.

NOW THIS AGREEMENT WITNESSED AND IT IS HEREBY AGREED AND DECLARED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

The contract documents shall be deemed to form and be read and constructed as a part of this Agreement (all these documents and letters are hereinafter collectively referred to as "Contract Documents")

Other documents such as additional details of the proposal, Bank Guarantee, Tender document, and other correspondence between the Vijayawada Municipal Corporation and the Tenderer shall be part of this agreement.

The words and expressions used in this Agreement shall have the same meaning as are respectively assigned to them in the contract documents.

Vijayawada Municipal Corporation hereby confirms rights mentioned in contract

A document to the Tenderer and Tenderer does hereby agree:

To duly execute and complete the project in all respect entirely at the cost of the Tenderer and strictly in accordance with the designs, drawings and work

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specifications as provided in the contract documents under the technical control and supervision of the Engineer and within the time limits specified therein.

To duly observe and perform all the terms and conditions in the contract documents.

To duly carry out necessary maintenance and repairs to the project strictly in accordance with specifications for maintenance and keep them in proper condition and standard, by the Tenderer and the Project is finally handed over to the Vijayawada Municipal Corporation at the end of the Contract period in good working condition with all accessories.

IN WITNESS whereof the Superintending Engineer - I, Vijayawada Municipal Corporation as caused (name & designation of the Officer) to set their hand and affix their official seal hereto for and on their behalf and the Tenderer/s above and named has/have hereto set their hand/their respective hands / common seal of the Tenderer has been hereunto affixed, the day, month and year first hereinabove written.

SIGNED, SEALED AND DELIVERED BY

Shri _____ (Name)

_____ (Designation)

_____ (Department)

FOR AND ON BEHALF OF THE COMMISSIONER, VIJAYAWADA MUNICIPAL CORPORATION IN THE PRESENCE OF:

Contractor

SUPERINTENDING ENGINEER - I

SIGNED, SEALED AND DELIVERED BY

Shri / Smt / Kum _____

The Tenderer within named in the presence of :

Name & Sign of

Standing Committee Member

1) _____

2) _____

Note: Form of agreement may be modify at the time of agreement as per agreed terms & conditions.

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PROFORMA OF BANK GUARANTEE BOND
On stamp paper worth Rs. 100/-)

In consideration of the Vijayawada Municipal Corporation VIJAYAWADA (herein after called "VMC,VIJAYAWADA") having agreed to exempt _____
 _____ (herein after referred to as "the Tenderer")
 from depositing with the VMC VIJAYAWADA in cash of the sum of
 Rs. _____ (Rupees _____
 only) being the amount of security deposit payable by the Tenderer or to the
 VMC VIJAYAWADA under the terms and conditions of an agreement dated the
 _____ day _____ of 200 _____ and made between the VMC
 VIJAYAWADA of the one part and the Tenderer of the other part (here in referred to
 as "the said Agreement") for _____ as security for the due
 observance and performance by the Tenderer of the terms and conditions of
 the said Agreement, on the contract furnishing to the VMC
 VIJAYAWADA a guarantee
 in to the prescribed form of a Nationalized Bank in India being in fact those
 present in the like sum of Rs. _____ (Rupees
 _____ only).

We _____ BANK/LIMITED
 registered in India under _____ Act and having one of our local
 Head Office at _____ do hereby:

1) Guarantee to the VMC VIJAYAWADA.

(a) Due performance and observance by the Tenderer of the terms,
 Covenants and conditions on the part of the Tenderer contained
 in the said Agreement and

(b) Due and punctual payment by the Tenderer to the VMC
 VIJAYAWADA

of all sums of money, losses, damages, cost charges, penalties
 and expenses payable to the VMC VIJAYAWADA by the Tenderer under
 or in respect to the said agreement.

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2) Undertake to pay the VMC VIJAYAWADA on demand and without demand and notwithstanding any dispute or disputes raised by the Tenderer(s) in any suit or proceeding filed in any Court of tribunal relating there to the said sum of Rs. _____ (Rupees _____ only) or such less sum may be demanded by the VMC VIJAYAWADA from us our liability hereunder being absolute and unequivocal and agree that.

3) (a) The guarantee herein contained shall remain in full force & effect during the subsistence of the said agreement and the same will continue to be enforceable till all the dues of the VMC, VIJAYAWADA under or by virtue of the said agreement have been duly paid and its claims satisfied or discharged and till the VMC VIJAYAWADA certifies that the terms and conditions of the said agreement have been fully and properly carried out by the Tenderer.

(b) We shall not be discharged or released from the liability under this guarantee by reasons of

(i) Any change in the constitution of the bank of the Tenderer, or

(ii) Any arrangement entered in between the VMC VIJAYAWADA and the Tenderer with or without our consent;

(iii) Any forbearance or indulgence shown to the Tenderer;

(iv) Any variation in terms of covenants or conditions contained in the said agreement;

(v) Any time given to the Tenderer;

(vi) Any other conditions or circumstances under which, in law, a surety would be discharged;

(c) Our liability here under shall be joint and several with that of the Tenderer as if we were the principal debtors in respect of the said sum of Rs. _____ (Rupees

 _____ only) and

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(d) We shall not revoke this guarantee during its currency except with the previous consent in writing of the VMC VIJAYAWADA. IN WITNESS WHERE OF THE common seal of _____ has been herein to affixed this _____ day of _____ 200 _____. The common seal of _____ was pursuant to the resolution of the Board of Directors of the Company dated the _____ day of _____ herein affixed in the presence of _____ who, in token there of, have here to set their respective hands in the presence of

(1)

(2)

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Section VI

Annexure

Annexure – I

Indicative guidelines for preparing Master Plan & organizing other activities for City to be developed as a ‘Solar City’

A. Master Plan

1. Projection for energy demand and supply for 10 years

i) Sector wise

ii) Total

2. Base line of energy utilization & GHG emissions

i) Residential

ii) Commercial/ Industrial

iii) Institutional

iv) Municipal Services

v) GHG emission

3. Energy Planning (Sector-wise)

i) Resources

ii) Options for energy savings & demand reduction

iii) Supply side option based on renewable

iv) Techno-economic of energy conservation & measures

4. Year-wise goals of savings in conservation energy through demand side

Management & supply side measures based on renewable

5. Action Plan for achieving the set goals & expected GHG abatements. This will include capacity building and awareness generation.

6. Budget estimates and potential sources of funding from respective sources (both public and private)

Note: Before finalization, the Master Plan would be discussed in a Stakeholders Consultation Workshop having representation from elected representatives, local research and academic institutions, resident welfare associations, industries and corporate organizations, NGOs, SNA, etc. The Master Plan will set a goal of minimum 10% reduction in projected total demand of conventional energy at the end of five years to be achieved through energy saving from energy efficiency measures and generation from renewable energy installations.

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B. Other activities

1. Details to be provided on 'Solar City Cell' and 'Solar City Stakeholder Committee' to be set up for implementation of the Master Plan.
2. Details of training programme/ workshops/ business meets etc. to be provided which will be organized for implementation of the Master Plan.
3. Details of publicity & awareness campaign to be provided.

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Annexure-II
**Indicative measures to be taken by City Council/Administration for
developing their city/town as 'Solar City'**

1. To create a "Solar City Cell" with in the City Administration/ Council which will be fully responsible for city planning and implementation of projects towards making it a "Solar City".
2. To conduct energy auditing of Govt./Public sector buildings, water pumping and street lightings in the city at regular interval and take necessary steps towards conservation of electricity. Other establishments also to be encouraged for the same.
3. To reduce electricity consumption in street light/garden lights, traffic lights, blinkers, hoardings etc. by using energy conservation & renewable energy devices.
4. To promote National Rating System for construction of energy efficient Green Buildings in particular to commercial and institutional buildings
5. To amend building bye-laws for making the use of solar water heating systems mandatory in certain category of buildings.
6. To provide rebate in property tax through Municipal Corporations/ Municipalities & in electricity tariff though Utilities/ Electricity Boards to the users of solar water heaters especially in domestic sector.
7. To issue G.O as regards to construction of energy efficient solar buildings at least in Govt. /Public sectors in accordance with ECBC : 2006 and follow up its implementation rigorously.
8. To comply to MSW Rules 2000 notified by the MoEF and set up projects of suitable capacity for generating energy from the waste collected from the city/town.
9. To organize rigorous publicity, and also the training programme/ business meets for various stake holders e.g. architects, engineers, builders & developers, financial institutions, NGOs, technical institutions, manufactures/suppliers, RWAs etc. so as to involve them actively in meeting the objective of solar city.
10. To generate necessary funds from State Govt. and other funding organizations for achieving the objective of making the city as "Solar City". Benefits of the schemes of Govt. of India will also be taken in meeting the objectives.

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11. To achieve targets set by the City Council/Administration for reducing consumption of electricity through renewable energy and energy.

conservation devices during five years of implementations for developing their city as Solar City.

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Annexure-III
Renewable energy devices/systems/ projects & energy conservation
measures that can help to bring about reduction in consumption of
conventional energy.

Renewable energy devices/systems/ projects

- a. Solar water heating systems
- b. Solar cookers (Box and dish type)
- c. Scheffler cookers for indoor cooking
- d. Solar steam generating systems
- e. Solar drying/air heating systems
- f. Solar refrigeration and air conditioning plants
- g. Solar concentrators for process heat applications
- h. Solar lanterns
- i. Solar home lighting systems
- j. Solar generators
- k. Street light solar control systems
- l. Solar hoardings
- m. Solar street light/garden lights
- n. Solar traffic lights
- o. Solar blinkers
- p. Road studs
- q. Solar power packs
- r. Building integrated photovoltaic
- s. SPV power plants for decentralization applications
- t. Power projects based on Municipal and Urban Waste and also on industrial waste through combustion/bio-methanation technologies.
- u. Power projects based on me Vijayawada available from STPs
- v. Bo-mass gasification and co-generation projects in industries
- w. Biomass gasifies based crematoriums
- x. Project on me Vijayawada utilization for thermal & electrical applications in industries
- y. Wind turbines for power generation

Energy conservation/measures

- i) LEDs/ CFLs instead of incandescent bulbs
- ii) LED traffic lights
- iii) Electronics chokes and fan regulators
- iv) Sensors for automatic on/off of street lights
- v) Automatic speed regulating fans/motors
- vi) Plugging of leakages in the water supply system and use of efficient pumps and motors
- vii) Energy efficient electrical appliances such as fans, refrigerators, air conditioners, coolers, room heaters, water pumps etc.

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viii) Use of insulating materials and low-energy/energy-efficient building materials e.g. fly ash bricks, hollow bricks, stabilized mud blocks, etc. in building construction.

Solar passive architecture in buildings/housing complexes

Major components of solar passive architecture are orientation of building, sun shades, double glazed windows, smart glazing window overhangs, thermal storage wall/roof, roof painting, ventilation, evaporative cooling, day lighting, wind towers, earth air tunneling, construction materials etc.

Incorporation of specific components will depend in which climatic zone the building is being constructed.

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Section - VI
Financial Proposal
Cover - B

Name Of work : Providing consultancy services for preparation of master plan under Solar City programme for Vijayawada Municipal Corporation as per guidelines of ministry of new and renewable Energy, New Delhi.

Time for Completion of work : 4 Months.

SI. No.	Description of work	Amount in Figures (Rs.)	Amount in Words
1	Providing consultancy services for preparation of master plan under Solar City programme for Vijayawada Municipal Corporation as per guidelines of ministry of new and renewable Energy, New Delhi.		

Note : The rate shall be inclusive of prevailing service taxes and all other Statutory taxes.

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Superintending Engineer - I
VIJAYAWADA Municipal Corporation,
VIJAYAWADA

VIJAYAWADA MUNICIPAL CORPORATION



**Preparation of Master Plan for Vijayawada
Municipal Corporation as per guidelines of
Ministry of New & Renewable Energy, New
Delhi for Solar City program.**

VOLUME - II

**(TO BE SUBMITTED IN SEALED COVER – B)
(Financial Bid)**

**Name of work:-Preparation of Master Plan for Vijayawada
Municipal Corporation as per guidelines of
Ministry of New & Renewable Energy, New
Delhi for Solar City program.**

Name of the Agency to whom issued:- _____

Cost of schedule paid Rs. _____ vide _____

Bearing No. _____ Date _____ of _____ Bank

Contractor

SUPERINTENDING ENGINEER - I