

Tender is invited by JMC/JSCL from Consultants for Pre-tender and post-tender consultancy services to the JMC/JSCL to set-up Solar Power Plant/Roof Top Plant and RTP (Roof top project)

1. The details can be viewed and downloaded online directly from

Website <https://www.mpeproc.gov.in>

2. The dates of downloading of main Tender Documents are as per detail NIT.

3. Right to reject any or all the tenders without assigning any reason thereof is reserved by JMC/JSCL, Jabalpur.

Sd/-

Address: Executive Director, Jabalpur Smart City Limited, Jabalpur  
Manas Bhawan Wright Town, Jabalpur 482001  
Tel: 9685043689  
Email: ceojscl@mpurban.gov.in

## JABALPUR SMART CITY LIMITED

Ref. No./JSCL / 2017/...~~32~~

Date ~~.....~~ 20/01/2017

### NIT

Jabalpur smart city limited (SPV), invited online proposal for “**Consultancy Services to set up Solar Power Plant/Roof Top Plant under Jabalpur Municipal Corporation Limits**” from eligible firms having experience of similar type of work. Interested bidders may obtain detail NIT and schedule from [www.mpeproc.gov.in](http://www.mpeproc.gov.in)

Key Dates	
Tender reference Number	
Last date for purchase the Tender	04.02.2017
Last date of online submission	06.02.2017 at 5:30 pm
Last date of Physical Submission	09.02.2017 up to 5:30 pm
Date of opening of Technical Bids	13.02.2017
Date of opening of Financial Bids	16.02.2017
Tender Document Cost	10,000/-
Earnest Money Deposit	100000/- (in form of FDR)



Chief Executive Officer  
Jabalpur Smart City Limited

# JABALPUR SMART CITY LIMITED



Smart City

Ref.No./JSCL/ 2017/38/PRO/ 694 Date 23.01.2017

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Chief Executive Director, Jabalpur Smart City Limited



## JABALPUR SMART CITY LIMITED, JABALPUR

N.I.T. No.:/JSCL /2017/38

Date : 20/01/2017

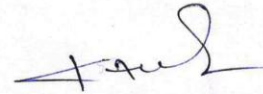
### DETAILED NOTICE INVITING TENDER

On line tenders are invited by Jabalpur Smart City Limited, Jabalpur for the following works on Two Envelops System on pre qualification basis from Consultants for Pre-tender and post-tender consultancy services to the JMC/JSCL to set-up Solar Power Plant/Roof Top Plant and RTP (Roof top project) are expected to quote rates on per MWp/KWp rate.

Brief description of work is given below:

S. No.	Name of Work	Cost of Document (Rs.)	Earnest Money Deposit (Rs.)	Period of Completion
1	Consultants for Pre-tender and post-tender consultancy services to the JMC/JSCL to set-up Solar Power Plant/Roof Top Plant and RTP (Roof top project) at Jabalpur Municipal Corporation Limits.	10,000/-	100000/-	One Year

1. Earnest money should be in the form of fixed deposit receipt (or similar) of Nationalized bank favour of Executive Director, Jabalpur Smart City Limited, Jabalpur
2. Consultant / Bidder should submit their original Earnest Money Deposit (EMD) and copy of other Tender document through registered post or speed post Executive Director, Jabalpur Smart City Limited, Jabalpur Manas Bhawan Wright Town, Jabalpur 482001 on or before 09-02-2017, 05:30 pm.
3. The last date of online purchase of tender is 06-02-2017 Complete set of bidding documents and the scan copy of Earnest Money Deposit (EMD), should be submitted till 06-02-2017, 5:30 PM on e-tendering web site" <https://www.mpeproc.gov.in/> . The Technical Bids and EMD bid will be opened on 13-02-2017 between 11:30 AM to 5:30 PM hours and Financial Bid will be opened on 16-02-2017 between 11:30 AM to 5:30 PM.
4. **Pre Bid conference will be held on 01/02/2017 on 12:00 P/M at Commissioners Office Municipal Corporation Jabalpur.**
5. Due to unforeseen condition, if the opening date of Technical Bid is declared holiday, then in that case bids will be open on next working day at the same time and place.
6. JSCL/JMC will not be responsible for any delay in receiving the Bid Documents and reserves the right to accept/reject any or all Bids without assigning any reasons thereof.
7. The JSCL/JMC reserves the right to accept or reject any Bid, and to cancel the Bidding process and reject all Bids, at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Employer's action.
8. Any bid not accompanied by an acceptable Bid Security as indicated in NIT as above shall be rejected by the Employer as non-responsive.
9. Bid opening shall be carried out in two stages. Firstly, 'technical bid' of all the bids received (except those received late) shall be opened on the date and time mentioned above. 'Financial Bid' of those bidders whose 'technical bid' has been determined to be substantially responsive shall be opened on specified date or as notified.



10. Any effort by the Bidder to influence the Employer in the Employer's bid evaluation, bid comparison or contract award decisions may result in the rejection of the Bidders' bid.
11. Deduction shall be done as per rules.
12. Consultant / Bidder should submit audited balance sheet of last three financial years i.e. 2013-14, 2014-15, 2015-16. Average Annual turnover should not be less than 1 crores in last three financial years
13. The entire necessary test certificate will be provided by Consultant.
14. The Consultant / Bidder should have experience of Solar Power Plant/Roof Top Plant and RTP (Roof top project) for which necessary documents have to be submitted
15. Consultant / Bidder who had executed similar work shall be eligible to participate in the bid.
16. Consultant / Bidder has to submit service TAX, VAT, PAN Shop & Establishment Registration Certificates.

For any other information and relevant details interested parties may contact Cell No: 9685043689



Executive Engineer,

Jabalpur Smart City Limited, Jabalpur  
Manas Bhawan Wright Town, Jabalpur 482001

Providing pre- tender and post-tender consultancy services to the  
JMC/JSCL to set-up Solar Power Plant/Roof Top Plant  
in the premises of JMC/JSCL Roof top plant at  
JABALPUR MUNICIPAL CORPORATION LIMITS

1. Introduction
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3. Deliverables and Timelines
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5. Evaluation Criteria
6. Bid Evaluation Criteria
7. Key Professional Staff
8. Preparation of Proposal
9. Award Criteria
10. Proposal Validity Period
11. Right to reject any or all Proposals
12. Pre Proposal Conference
13. Payment schedule
14. Taxes and Levies
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16. Documents to be submitted along with the Technical Proposal
17. Scope of Work

APPENDIX-I

Form-1 Letter of Proposal

Form-2 Particulars of the Applicant

Form-3 Power of Attorney

Form-4 Particulars of Key Personnel

Form-5 Proposed Methodology and Work Plan

Form-6 Experience of Applicant

Form-7 Experience of Key Personnel

Form 8 Eligible Assignments of Applicant

Form -9 Curriculum Vitae (CV) of Key Personnel

Form -10 Affidavit for Anti-Black Listing

APPENDIX-II

Form – 1 Covering Letter

Form – 2 Financial Proposal



## 1. Introduction

### 1.1 Background

The Jabalpur Municipal Corporation which is one of the places in the city which has vivid memories of people who really had done something unforgettable for mankind.

The Jabalpur Municipality which was established way back in 1864 has a glorious past. From Municipality to the Corporation and from old to the new building, it has experienced many ups and downs during Ibis expedition. Nevertheless, it is still looking after the basic amenities.

However, the original records are almost non-existent, but stray references in gazettes and other historical texts are available on reconstruct the history.

The British came to Jabalpur in 1817 as victors and the Maratha administration collapsed in a skirmish, which lasted only six hours. Cantonment became the permanent residence of the Army officers, and they established a Cantonment Board in 1826 to look after the basic amenities of the Army and the civilians.

When the Municipality was established in 1864 and the town did not have enough build up space to accommodate the various departments, officers were housed in an old building in Garha which was the capital of Gond Kings. At that time the area of Jabalpur was only 7 miles which included Garha also.

To offer a semblance of public participation the State nominated two persons to the committee.

The financial resources of the Municipality were met by taxes, which were levied on people in the form of water tax, market tax, cleaning tax and taxes on slaughter houses.

In the formative years, even the police was under the Municipality and the salary was paid from Municipal coffer.

In 1864, the Lucknow Municipal Committee Act was brought into force and Deputy Commissioner Jabalpur was vested with the powers of the President of the Municipality, in addition to his official duties of maintaining law and order. Mr W H Nembhard was the first Deputy Commissioner cum President, Municipal Committee.

In 1868, the Punjab Municipal Committee Act was applied to Jabalpur, and also to the tehsil town of Sihora. Under this Act two-third of the members of the Municipal Committee were elected by exercising franchise and one-third were the officers of the various local departments, who were on the Board in lieu of the officers they were holding. In 1870, Lord Minto, proposed greater participation of the natives in the Local Self Government.

Thus, in 1873, Municipal Act no. II was passed and continued in force till 1883. In this year, the Local Self Government Act, 1883 no. 1, was brought into force for. The existing Municipalities. More power was given under this Act. The police administration had to be reinforced and education, health, metalled roads, drainage was to be given priorities and more welfare activities were taken up. In 1881 the police administration was separated from the Municipality and became an Independent

department.

In 1882, Lord Ripon recommended many important reforms, and a broader and more comprehensive view of peoples' participation in Municipal administration was taken. Under these recommendations the MP Local Self Government Act of 1883, was passed in 1889, and was implemented in toto in 1895.

The then Municipal Committee, had 20 elected members and seven nominated members, and the total income of the Municipality was Rs 2,314 for that year.

In 1896-97, Lord Elgin, recommended more drastic remedial measures of Local Self Government. This led to the passing of Municipal Act 1903.

This act improved the financial condition of the Municipality by 1906-07, and the income 2, 43,000 and the expenditure Rs. 1, 84,000. The British Government applied the Government of 1919. Under this Act, CP and Berar Municipal Corporation Act no. II of 1922 was passed and became applicable to the State in July 1923.

This act remained in force till 1948. The new Municipal Corporation Act No. III was passed on June 1, 1950 and the Jabalpur Municipal Corporation (JMC/JSCL) came into existence.

In the growing years the Municipal Committee was unable to start welfare activities from its old resources, and they were obliged to take even loans and conations from implementing their liberal schemes.

To quote and example, the Municipal Committee took loan from Raja Gokuldas to the tune of Rs 6, lakhs in 1881 for the construction of the Khandari Water Works. A part of the loan was interest free, and the part was carrying only a nominal interest repayable in more than 20 years. Raja Saheb also constructed a Town Hall, to commemorate the Jubilee of Queen Victoria's reign on September 2, 1892, and the Municipal offices and library were shifted there in the same year.

The Municipal Committee functioned under various presidents and undertook many philanthropic activities. The Congress party also actively participated in the Local Self Government and their Spokesman Pandit D P Mishra became the President in 1932. After a tiff with the Government on the question of the appointment of J N Seal, Advocate of Seoni, as Secretary, the Government by a notification annulled the election of D P Mishra as President.

In 1935, the Municipality was superseded and Murlimanohar Seth was appointed an Officer on Special Duty.

He looked after the day-to-day working but could not produce any impact on the administration.

The Municipal Committee continued to function till May 31, 1950, and on June 1, 1950, the Jabalpur Municipal Corporation was established. The city was divided into 30 wards by a notification dated January 18, 1949.

There would be 43 Corporators, 34 elected and 6 selected by the elected body, 3 nominated by the Government. 30 were elected from the various. Wards and the rest were representatives of the Chamber of Commerce and a few trade unions.

The statutory period was for 5 years and electoral colleagues would elect Mayor and Deputy Mayor every year.

The first Administrator of the Corporation was Mr. Pendharkar and the first elected Mayor was Bhawani Prasad Tiwari, who got elected in 1952 and remained Mayor 7 times, Sawaimal Jain was elected a Mayor 3 times, Indira Sharma became the first lady to become a Mayor in 1952-53. KailashBaksh Singh Gour was the leader of Opposition.

The terms of the councilors expired on September 24, 1962. It was extended for 6 months by a notification dated September 1962.

The jurisdiction of the was enlarged in 1959 vide Government notification dated October 19, 1959 and now extended over all area of 53 sq. miles which was only 7 miles in 1864.

The Jabalpur Corporation had 21 administrators for various periods. The last election was held in 1979 and from March 5, 1983 the Jabalpur Corporation is governed only through administrators.

On October 12, 1959 Jabalpur Corporation designed a logo in which are words 'AnirvedShrayoMulam' (A man can achieve success by perseverance.)

In 1961 Jabalpur witnessed a serious calamity famous as UshaBhargavaKand, and the Mayor Bhawani Prasad Tiwari constituted a Mayor's relief committee for the amelioration of the lot of riot affected persons.

On February 14, 1961 KailashNathKatju, Chief Minister, Madhya Pradesh attended the meeting of the relief committee and declared some relief measures for those whose life and property was destroyed.

A new proposal was sent to Government to create 54 wards on the basis of the increase in pollution. 47 Corporators would be elected from amongst the common ward including the Corporators from Scheduled Caste and Scheduled Tribes.

Since then, the corporation has seen many changes and now 70 public representatives have been looking after the need and betterment of residents of their respective wards.

Besides, the Mayor, Chairman and Municipal Commissioner have also been supporting well to these; public representative for the betterment of the masses and progress of the city.

Municipal Corporation is trying to solve civic problems and doing hard to provide better civic comforts in a planned manner needing the priorities of health, sanitation public convenience.

## 1.2 Main features of the Project

- Project Description with objectives to setting up the same
- Demand analysis and Generation of power from this project
- Type of project
- Location – Map, project boundary and project site layout
- Details of alternate site, if any.

- Schematic diagram/flow chart showing project layout, components of projects
  - Availability of water or any other important aspects
  - Site Analysis – Connectivity, Land Form and Land details, Topography of Land, Existing Land use pattern, forest body or water bodies, Existing infrastructure, Soil Classification, Climatic Data from secondary sources, Social Infrastructure available
  - Planning Brief - Planning Concept, Project components and Stakeholder analysis
  - Socio-Environmental Risks
  - General Project Timeline
  - Project cost estimate
  - Evacuation Feasibility
- 
- Carry out existing ground surveys, Energy yield calculation based on existing plans and components as scheduled
  - Planned monitoring technology/remote monitoring.
  - Details of permission required and obtaining the same.
  - Assistance in obtaining permission from collector of the district
  - Assistance in obtaining permission from PWD/ZP/GP for construction of project & laying evacuation feeder from project site to specified MPEDCL/MPETCL/JMC/JSCL substation
  - Assistance in obtaining permission from Forest dept. for laying of evacuation feeder from proposed solar PV site to the designated MPEDCL/MPETCL/JMC/JSCL as specified by them if required.
  - Assistance in obtaining the permission from Electrical Inspector for tentative proposal (feasibility) pre project stage
  - Assistance in obtaining permission/NOC from pollution control board
  - Recommendation on type of power plant (grid connected) including technology for net metering.
  - Analysis of the permits (tariff security/power purchase agreement, building permits, grid connection) from a technical perspective.
  - The consultant shall provide cost estimates associated with the project including the costs involved as below:
    - Basis of cost estimates
    - Phasing of expenditure
    - Possible costs and revenues for emission reduction certificates
    - Remote Monitoring System, SCADA
    - Operation and maintenance costs
    - Escalation in O&M costs and its basis
    - Replacement cost of specific components during the project life with breakups
    - Taxes, duties and levies applied to equipment for solar power projects
    - Requirements for the execution of economic and financial analyses.
    - Conduct financial analysis and economic analysis of the project.
    - Statements concerning captive consumption / grid connection situation (e.g. necessary expansion of the networks, routes of cable lines/lines)
  - The consultant will also assist in preparation of proposal for MNRE/MPNRED as per their specific formats.
  - Recommendation as to technology for net metering, if required.
  - Recommendation as to implementation methodology i.e. EPC, BOT, Annuity etc.

### 1.3 Assignment Objective

Use of solar power for given by consultant and as per his feasibility reports, drawings etc.

- Detailed Project Report
- Basic Engineering
- EPC tender document
- Assistance in EPC tender process
- Evaluation of tender
- Negotiations
- Selection of EPC
- PMC services
- Review of Detailed Engg.
- Carbon credit advisory services
- Project Management Consultancy Services

which includes, pre-feasibility studies, site evaluation, techno-economic viability studies, detailed project reports, assistance in securing various clearances, NOCs, basic engineering, financial tie-ups, detailed engineering, tender documents, bid procurement, drafting & assistance in signing agreements with vendors / EPCs, assistance in signing power purchase agreements, site supervision, inspection & expediting services, pre-commissioning & commissioning trials, third party certification, carbon credit advisory services, Renewable Energy Certification Syndication, lender's independent engineer services, policy studies etc. It also includes manpower, instruments, software's, and gadgets for the purpose. Empanelled with Solar Energy Corporation of India (SECI), a Central Public Sector Enterprises under the Ministry of New Renewable Energy (MNRE), for providing consultancy services for solar parks (each 500 MW & above capacity) in various parts of the country.

### 1.4 Location of Site

Proposed SPV power plant will be set up in the premises and RTP at Jabalpur Municipal Corporation Limits.



## 2. Selection of Consultant

The consultant shall be appointed through an open bidding process based on Technical and Financial proposal of applicants. The selected consultant will report to the Executive Engineer, JMC/JSCL.

## 3. Deliverables and Timeline

No.	Deliverable	Details	Within weeks of commencement
1	Inception Report	Approach and Methodology after discussion with JMC/JSCL Engineer	2
2	Pre-Feasibility Report (PFR)	Site Survey, load assessment, Yield Assessment must be carried out in presence of Engineer-in-Charge (JMC/JSCL) and suitability of land for set-up of plant in consultation with JMC/JSCL	8
3	Detailed project Report (DPR)	DPR would cover Assessment of solar resources available at the proposed site, Study of the load requirement and captive consumption, calculation of energy yield at site, Recommendation on site & technology design selection of the most appropriate technology design & PV module size for site conditions, Description of technical features and specifications of solar PV power plant components, Recommendation on type of power plant etc. complete as per norms of MNRE.	10

#### 4. Eligibility Criteria

The bidder shall fulfil all of the following pre-qualification criteria independently on date of submission of bid:

S.No	Criteria	Supporting documents to be submitted
PQ1	<p><b>Experience Criteria:</b></p> <ul style="list-style-type: none"> <li>a) The bidder should have carried out the bid evaluation (techno-commercial and price bid) of a Grid Connected Solar Power Plant/Roof Top Plant of at least 10 MW capacity in a single order in last 5 years as on due date of opening of the bid.</li> <li>b) The bidder should have carried out Project Management assignment for setting up Solar PV Power plant for cumulative project capacity of not less than 75 MW.</li> <li>c) The bidder shall have undertaken transaction advisory including bid process management for at least 1 utility-scale grid connected Solar PV power projects.</li> <li>d) The bidder shall have experience of giving consultancy services for at least 5 grid Interactive/connected Solar PV Power Plant of MW size (<math>\geq 10</math> MW) and have made the projects successfully operational in India prior to the date of Bid submission.</li> <li>e) The bidder shall have exhaustive experience in Land identification for minimum capacities of 500 MW, assessment of local meteorological factor, Socio Economic and environment survey of the Land parcels where Solar Plant is to be installed Solar plant project.</li> <li>f) The bidder shall have experience of preparing Techno-Economic Viability report for at least one grid connected Solar Power Plant/Roof Top Plant.</li> <li>g) Minimum two designated PV expert(s) having a minimum professional experience in the PV sector for 5-10 years</li> <li>h) The bidder shall not be involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under the contract.</li> </ul>	Copy of Work Order/Experience Certificates along with a successful/satisfactory completion of the said work from the client.
PQ2	<p><b>Financial Criteria:</b></p> <ul style="list-style-type: none"> <li>• Annual turnover of the consultant / consultancy firm in at least once of the preceding three years must be more than Rs. 1 crore</li> <li>• Net worth of the immediate financial year must be positive as per the audited balance sheet.</li> </ul>	Profit & Loss account and Balance Sheet / statement showing revenues for 3 financial years FY 12-13, FY 13-14, FY 14-15 certified by CA

The bidder is required to submit documentary evidence in support of pre-qualifying criteria as a part of its techno-commercial bid. The firm, which meets the above criteria, shall only be considered for evaluation and the price bid of such party(s) shall only be opened for further evaluation.

## 5. Evaluation Criteria

Evaluation of technical proposal shall be undertaken on the basis of compliance of prequalification conditions stated under Clause 4 above

## 6. Bid Evaluation Criteria

Financials bids of technically qualified consultants would be opened. The proposal will be evaluated following **the Least-Cost Selection Method** of procurement. With regards to evaluation of the technical proposal, JMC/JSCL evaluates the technical proposal on the basis of pre-qualification of bidder.

## 7. Key Professional Staff

The Consultancy Team shall consist of the following key personnel (the “Key Personnel”) who shall fulfil the academic and professional experience criteria as specified below:

Key Personnel	Education Qualification	Length of professional Experience	Experience on Eligible Assignments
Team Leader	B.E. in Electrical/Civil Engineering with Post Graduate in Management	10 years	Should have worked as a sector expert in the Solar sector in benchmarking, performance improvement planning and developing PPP projects in the Power sector.
Solar Sector expert	BE (Electrical )/ Civil (Mechanical)	5 years	Should have advised in at least two Solar energy Projects.
Legal expert	LLB with BAR no.	5 years	Should have suitable experience in Solar space for land identifications and legal formalities

The consultant may propose other experts based on experience and requirements of the scope of work.

## 8. Preparation of Proposal

The Consultants shall submit their proposal in the enclosed formats with a covering letter, enclosing the following in separate envelope (Envelope 1 contains Enclosure 1 Enclosure 2 in separate envelope), super scribed as given under against each Enclosure:

Enclosure 1	<p>Along with Technical Proposal in separate sealed envelope and super scribed on the envelope as <b>“Enclosure 1: Earnest Money Deposit (“EMD”)”</b>. This should include</p> <p>Bidder is required to deposit, along with its Bid, a bid security as the Earnest Money Deposit (“EMD”) of Rs.1,00,000/- (Rupees One Lakh Only) (“Bid Security”) in form of Fixed Deposit Receipt (FDR) from Nationalized bank drawn in favour of Executive Director, Jabalpur Smart City Limited, Jabalpur acceptable to JSCL and the validity period of the Fixed Deposit Receipt (FDR) shall not be less than 120 (one hundred and twenty) days from the Bid due date and may be extended as may be mutually agreed between JSCL and the Bidder from time to time. The Bid shall be summarily rejected if it is not accompanied by the Bid Security/ EMD.</p>
Enclosure 2	<p>Technical Proposal in separate sealed envelope and super scribed on the envelope as <b>“Enclosure 2: Technical Proposal”</b>. This should include</p> <ul style="list-style-type: none"><li>• This RFP in original with signature on each page,</li><li>• The documents supporting the eligibility criteria.(To support the claim of successful completion of projects, the consultants are advised to submit the Completion certificate/ work orders from the respective clients.)</li><li>• Name and profile of the key professionals on the attached format along with the offer.</li><li>• Processing fee Rs.10,000/- in the form of online only</li></ul>
Enclosure 3	<p><b>Financial (Price) Proposal: Online</b> only as per Appendix II Form-2 of financial Proposal.</p>

## 9. Award Criteria

Award of contract shall be on the basis of least cost proposal who will satisfy pre-qualifying conditions only.

## 10. Proposal Validity Period

Proposal Validity Period must be minimum 90 days from the Proposal Due Date.

#### 11. Right to reject any or all Proposals

- a) Notwithstanding anything contained in this RFP, JMC/JSCL reserves the right to accept or reject any Proposal and to annul the Selection Process and reject all Proposals, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons thereof.
- b) The JMC/JSCL reserves the right to reject any Proposal if:
- c) At any time, a material misrepresentation is made or uncovered, or
- d) The Applicant does not provide, within the time specified by the JMC/JSCL,
- e) The supplemental information sought by the Authority for evaluation of the Proposal.
- f) Such misrepresentation/ improper response may lead to the disqualification of the Applicant.

#### 12. Pre Proposal Conference

A pre-proposal conference will be held: Yes

Date: 01/02/2017

Time: 12:00 PM

Venue: Office of the commissioner Municipal Corporation Jabalpur

However, if the invitee firm wishes to seek clarification it may do so in writing Email and letter to the Client with copy to the Client's Representative

#### 13. Payment Schedule

Sr. No	Deliverable	Payment
1	Conceptual Design, Pre-Feasibility Report (PFR), brief Design Inception Report etc.	10%
2	Submission of Draft Detailed Feasibility Study Report including schematic Drawing/ Diagram etc.	10%
3	Tender drawing and detail estimate of all components.	10%
4	Tender documents including assistance in bidding evaluation process for selection of contractors.	10%
5	Working drawing construction detail drawing	20%
6	During construction of work progress at site.	20%
7	On completion of work	20%

#### 14. Taxes and Levies

The financial offer by the bidder should be inclusive of all the costs and taxes. No claims shall be entertained in the future.



## 15. Submission of Proposal and opening of Bids

The consultants shall submit their Technical & Financial proposals online as per e-tender process. For e-tender process and further details, please visit website <https://www.mpeproc.gov.in> The consultants are also required to send the their proposals along with the details pertaining to the eligibility criteria as set in the TOR, and a non-refundable processing fee of Rs.10,000/- in the form online only Dt. 06/02/2017 by 05.30 Hrs at the following address:

Executive Director, JSCL,  
Manas Bhawan near Wright town stadium Jabalpur  
482001

### 15.1 Detailed Tender Schedule (

As Per NIT enclosed.

Sr.No.	Activities	Date & Time
1	Tender publishing date	20/01/2017
2	Document download start date	21/01/2017
3	Document download end date	04/02/2017
4	Bid Submission start date	21/01/2017
5	Bid Submission closing date	06/02/2017
6	Bid opening date (Technical)	13/02/2017
7	Bid opening date (Financial)	16/02/2017

### 15.2 Opening of Bids:-

Technical proposal will be opened on dt.13/02 /2017 at 15.30 Hrs.

Financial bid opening will be done on 16/02/2017 at 15.30

## 16. Documents to be submitted along with the Technical Proposal

### 16.1 Transmittal Letter and Title Page

Include a transmittal letter containing a brief statement of the respondent's understanding of the work to be done and an indication of positive interest in performing this work for JMC/JSCL.

### 16.2 Table of Contents

Include a Table of Contents listing the various sections included in the proposal.

### 16.3 Proposal Contents

Each Consultant must include in the proposal an Executive Summary that summarizes important features of the proposal, brief description of the Consultant's approach to the scope of work, a description of the project team, and a description of how the proposed team meets the requirement set forth in this RFP. The Executive Summary should not be more than 2 to 3 pages. Brief Corporate Profile along with Experience in handling similar assignments including Completion certificates/ work orders satisfying the eligibility criteria mentioned above

### 16.4 Team Identification and Organizational Chart

Identify your firm and each key professional by name, primary representative and title, address of offices, telephone and fax numbers and email address. Indicate the business structure of your firm (i.e., whether your firm is a corporation, partnership, or sole proprietor). Indicate the name(s) of the owner(s) of your firm.

### 16.5 Services and Work Plan

The proposal should include a work plan describing the services, approach and methodology proposed for accomplishing the scope of work. The proposed phasing of the project should be discussed. The proposal should be sufficient in detail to allow an objective analysis of the firm's capabilities and envisioned work plan in comparison with competing firms. Discuss the roles and responsibilities of the project team.

### 16.6 Qualifications and Experience

The proposal must supply information concerning the Number of Professional Consultants who will be working on this project along with their curriculum vitae specifying qualifications and relevant experience for this assignment.

### 16.7 Power of Attorney

An authorized person of the firm shall sign the proposal, on behalf of the firm. The Power of Attorney of the authorized person should be on stamp paper duly notarized or Board resolution should be submitted along with the proposal. All necessary forms

and statements for the various miscellaneous provisions explained in this document must be completed, properly signed, and submitted with the proposal.

#### 16.8 Audited Financial Statements

Audited Financial Statements for the last three years

### 17. Scope of Work

#### 17.1 Pre-Feasibility Report preparation

##### **Pre Feasibility Scope**

- i. Project Description with objectives to setting up the same
- ii. Demand analysis and Generation of power from this project
- iii. Type of project
- iv. Location – Map, project boundary and project site layout
- v. Details of alternate site, if any.
- vi. Schematic diagram/flow chart showing project layout, components of projects
- vii. Availability of water or any other important aspects
- viii. Site Analysis – Connectivity, Land Form and Land details, Topography of Land, Existing Land use pattern, forest body or water bodies, Existing infrastructure, Soil Classification, Climatic Data from secondary sources, Social Infrastructure available
- ix. Planning Brief - Planning Concept, Project components and Stakeholder analysis
- x. Socio-Environmental Risks
- xi. General Project Timeline
- xii. Project cost estimate
- xiii. Evacuation Feasibility

##### **Detailed Project Report should cover: Detailed Project Report should cover:**

- i. Carry out existing ground surveys, Energy yield calculation based on existing plans and components as scheduled
- ii. Planned monitoring technology/remote monitoring.
- iii. Details of permission required and obtaining the same.
- iv. Assistance in obtaining permission from collector of the district
- v. Assistance in obtaining permission from PWD/ZP/GP for construction of project & laying evacuation feeder from project site to specified MPEDCL/MPETCL/JMC/JSCL substation
- vi. Assistance in obtaining permission from Forest dept. for laying of evacuation feeder from proposed solar PV site to the designated MPEDCL/MPETCL/JMC/JSCL as specified by them if required.
- vii. Assistance in obtaining the permission from Electrical Inspector for tentative proposal (feasibility) pre project stage
- viii. Assistance in obtaining permission/NOC from pollution control board
- ix. Recommendation on type of power plant (grid connected) including technology for net metering.
- x. Analysis of the permits (tariff security/power purchase agreement, building permits, grid connection) from a technical perspective.

- xi. The consultant shall provide cost estimates associated with the project including the costs involved as below:
  - a) Basis of cost estimates
  - b) Phasing of expenditure
  - c) Possible costs and revenues for emission reduction certificates
  - d) Remote Monitoring System, SCADA
  - e) Operation and maintenance costs
  - f) Escalation in O&M costs and its basis
  - g) Replacement cost of specific components during the project life with breakups
  - h) Taxes, duties and levies applied to equipment for solar power projects
  - i) Requirements for the execution of economic and financial analyses.
  - j) Conduct financial analysis and economic analysis of the project.
- xii. Statements concerning captive consumption / grid connection situation (e.g. necessary expansion of the networks, routes of cable lines/lines)
- xiii. The consultant will also assist in preparation of proposal for MNRE/MPNRED as per their specific formats.
- xiv. Recommendation as to technology for net metering, if required.
- xv. Recommendation as to implementation methodology i.e. EPC, BOT, Annuity etc.

APPENDIX-I

TECHNICAL PROPOSAL

Form-1 Letter of Proposal

(On Applicant's letter head)

(Date and Reference)

To,\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

Sub: Providing pre- tender and post-tender consultancy services to the JMC/JSCL to set-up Solar Power Plant/Roof Top Plant in the premises of JMC/JSCL

Dear Sir,

With reference to your RFP Document dated ....., I/we, having examined all relevant documents and understood their contents, hereby submit our Proposal for selection as Consultant for pre- tender and post-tender consultancy services to the JMC/JSCL to set-up Solar Power Plant/Roof Top Plant. The proposal is unconditional and unqualified.

1. All information provided in the Proposal and in the Appendices is true and correct and all documents accompanying such Proposal are true copies of their respective originals.
2. This statement is made for the express purpose of appointment as the Transaction Advisor for the aforesaid Project.
3. I/We shall make available to the JMC/JSCL any additional information it may deem necessary or require for supplementing or authenticating the Proposal.
4. I/We acknowledge the right of the JMC/JSCL to reject our application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.
5. I/We certify that in the last three years, we/ any of the consortium members have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Applicant, nor been expelled from any project or contract nor have had any contract terminated for breach on our part.



6. I/We declare that:
  - ◆ I/We have examined and have no reservations to the RFP Documents, including any Addendum issued by the JMC/JSCL;
  - ◆ I/We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, in respect of any tender or request for proposal issued by or any agreement entered into with the JMC/JSCL or any other public sector enterprise or any government, Central or State; and
  - ◆ I/We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.
7. I/We understand that you may cancel the Selection Process at any time and that you are neither bound to accept any Proposal that you may receive nor to select the Consultant, without incurring any liability to the Applicants in accordance with Clause 11 of the RFP document.
8. I/We certify that in regard to matters other than security and integrity of the country, we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which would cast a doubt on our ability to undertake the Consultancy for the Project or which relates to a grave offence that outrages the moral sense of the community.
9. I/We further certify that in regard to matters relating to security and integrity of the country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our Associates.
10. I/We further certify that no investigation by a regulatory authority is pending either against us or against our Associates or against our CEO or any of our Directors/Managers/employees.
11. I/We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the JMC/JSCL in connection with the selection of Consultant or in connection with the Selection Process itself in respect of the above mentioned Project.
12. The Bid Security of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) in the form of a Demand Draft is attached, in accordance with the RFP document.
13. I/We agree and understand that the proposal is subject to the provisions of the RFP document. In no case, shall I/we have any claim or right of whatsoever nature if the Consultancy for the Project is not awarded to me/us or our proposal is not opened or rejected.
14. I/We agree to keep this offer valid for 90 (ninety) days from the Proposal Due Date specified in the RFP.
15. A Power of Attorney in favour of the authorised signatory to sign and submit this Proposal and documents is attached herewith in Form 4.
16. In the event of my/our firm being selected as the Consultant, I/we agree to enter into an Agreement with the JMC/JSCL.

17. I/We have studied RFP and all other documents carefully and also surveyed the Project site. We understand that except to the extent as expressly set forth in the Agreement, we shall have no claim, right or title arising out of any documents or information provided to us by the JMC/JSCL or in respect of any matter arising out of or concerning or relating to the Selection Process including the award of Consultancy.
18. The Financial Proposal is being submitted in a separate cover. This Technical Proposal read with the Financial Proposal shall constitute the Application which shall be binding on us.
19. I/We agree and undertake to abide by all the terms and conditions of the RFP Document. In witness thereof, I/we submit this Proposal under and in accordance with the terms of the RFP Document.

Yours faithfully,

(Signature, name and designation of the Authorised Signatory) (Name and seal of the Applicant / Lead Member)

APPENDIX-I

Form-2 Particulars of the Applicant

1.1	Title of Consultancy:
1.2	Title of Project:
1.3	State whether applying as Sole Firm or Lead Member of a consortium:
1.4	<p>State the following:</p> <p>Name of Company or Firm:</p> <p>Legal status (e.g. incorporated private company, unincorporated business, partnership etc.):</p> <p>Country of incorporation: Registered address:</p> <p>Year of Incorporation:</p> <p>Year of commencement of business: Principal place of business:</p> <p>Brief description of the Company including details of its main lines of business:</p> <p>Name, designation, address and phone numbers of Authorised Signatory of the Applicant:</p> <p>Name:</p> <p>Designation:</p> <p>Company:</p> <p>Address:</p> <p>Phone No.:</p> <p>Fax No.:</p> <p>E-mail address:</p>
1.6	<p>For the Applicant, state the following information:</p> <p>i) In case of non-Indian company, does the company have business presence in India? Yes/No</p> <p>If so, provide the office address (es) in India.</p> <p>ii) as the Applicant or any of the Members in case of a consortium been penalized by any</p>

	<p>organization for poor quality of work or breach of contract in the last five years? Yes/No</p> <p>iii) Has the Applicant/Member ever failed to complete any work awarded to it by any public authority/entity in last five years? Yes/No</p> <p>iv) Has the Applicant or any member of the consortium been blacklisted by any Government department/Public Sector Undertaking in the last five years? Yes/No</p> <p>v) Has the Applicant or any of the Members, in case of a consortium, suffered bankruptcy/insolvency in the last five years? Yes/No</p> <p>Note: If answer to any of the questions at (ii) to (v) is yes, the Applicant is not eligible for this consultancy assignment.</p>
1.7	<p>Does the Applicant's firm/company (or any member of the consortium) combine functions as a applicant or adviser along with the function as a contractor and/or a manufacturer? Yes/No</p> <p>If yes, does the Applicant (and other Member of the Applicant's consortium) agree to limit the Applicant's role only to that of a applicant/adviser to the JMC/JSCL and to disqualify themselves, their Associates/affiliates, subsidiaries and/or parent organization subsequently from work on this Project in any other capacity.</p>
1.8	<p>Does the Applicant intend to borrow or hire temporarily, personnel from contractors, manufacturers or suppliers for performance of the Consulting Services? Yes/No</p> <p>If Yes, does the Applicant agree that it will only be acceptable as Applicant, if those contractors, manufacturers and suppliers disqualify themselves from subsequent execution of work on this Project (including tendering relating to any goods or services for any other part of the Project) other than that of the Applicant? Yes/No</p> <p>If Yes, have any undertaking been obtained (and annexed) from such contractors, manufacturers, etc. that they agree to disqualify themselves from subsequent execution of work on this Project and they agree to limit their role to that of applicant/adviser for the JMC/JSCL only? Yes/No Signature, name and designation of the Authorised Signatory)</p> <p>For and on behalf of .....</p>

APPENDIX-I

Form-3 Power of Attorney

Know all men by these presents, we, .....(name of firm and address of the registered office) do hereby constitute, nominate, appoint and authorise Mr / Ms..... son/daughter/wife of \_\_\_\_\_and presently residing at .....who is presently employed with us and holding the position of .....as our true and lawful attorney (hereinafter referred to as the "Authorised Representative") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Request for Proposal and Terms of Reference for appointment of Consultant For pre- tender and post-tender consultancy services to the JMC/JSCL to set-up Solar Power Plant/Roof Top Plant. including but not limited to signing and submission of all applications, proposals and other documents and writings, participating in pre-bid and other conferences and providing information/ responses to the JMC/JSCL, representing us in all matters before the JMC/JSCL, signing and execution of all contracts and undertakings consequent to acceptance of our proposal and generally dealing with the JMC/JSCL in all matters in connection with or relating to or arising out of our Proposal for the said Project and/or upon award thereof to us till the entering into of the Agreement with the JMC/JSCL.

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Authorised Representative pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Authorised Representative in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE,.....THE ABOVE NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS .....DAY OF ....., 2015

For .....

(Signature, name, designation and address)

Witnesses:

- 1.
- 2.

Notarised

Accepted

(Signature, name, designation and address of the Attorney)

Notes:

The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure. The Power of Attorney should be executed on a non-judicial stamp paper of Rs. 50 and duly notarised by a notary public.

Wherever required, the Applicant should submit for verification the extract of the charter documents and other documents such as a resolution/power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Applicant.

For a Power of Attorney executed and issued overseas, the document will also have to be legalised by the Indian Embassy and notarised in the jurisdiction where the Power of Attorney is being issued. However, Applicants from countries that have signed the Hague Legislation Convention 1961 need not get their Power of Attorney legalised by the Indian Embassy if it carries a conforming Apostille certificate.

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APPENDIX-I

Form-4 Particulars of Key Personnel

S.No.	Designation of Key Personnel	Name	Educational Qualification	Length of Professional experience	Present Employment		No. of Eligible Assignments
					Name of Firm	Employed Since	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Team Leader						
2.	Solar Sector Expert						
3.	Financial Expert						
4.	Any other expert(s) the consultant may propose						

## APPENDIX-I

### Form-5 Proposed Methodology and Work Plan

The proposed methodology and work plan shall be described as follows:

1. Understanding of TOR (not more than four pages)

The Applicant shall clearly state its understanding of the TOR and also highlight its important aspects. The Applicant may supplement various requirements of the TOR and also make precise suggestions if it considers this would bring more clarity and assist in achieving the Objectives laid down in the TOR.

2. Methodology and Work Plan (not more than twenty pages)

The Applicant will submit its methodology for carrying out this assignment, outlining its approach toward achieving the Objectives laid down in the TOR. The Applicant will submit a brief write up on its proposed team and organization of personnel explaining how different areas of expertise needed for this assignment have been fully covered by its proposal. In case the Applicant is a consortium, it should specify how the expertise of each firm is proposed to be utilized for this assignment. The Applicant should specify the sequence and locations of important activities, and provide a quality assurance plan for carrying out the Consultancy Services.



[Type text]

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APPENDIX-I

Form-6 Experience of Applicant#

S.No.	Name of Project ##	Estimated capital cost of Project (in Rs cr.)	Consultancy Payment received by the Applicant
1			
2			
3			
4			
5			
6			

# The Applicant should provide details of only those projects that have been undertaken by it under its own name.

## The names and chronology of Eligible Projects included here should conform to the project-wise details submitted in Form-8 of Appendix-I.

[Type text]

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Certificate from the Statutory Auditor

This is to certify that the information contained in Column 4 above is correct as per the Accounts of the Applicant.

Name of the Authorised Signatory:

Designation:

Name of the Audit firm:

(Signature for the Authorised Signatory of the Statutory Auditor)

Seal of the Firm

Note:

1. In case the Applicant does not have a statutory auditor, it shall provide the certificate from its chartered accountant that ordinarily audits the annual accounts of the Applicant.

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APPENDIX-I

Form-7 Experience of Key Personnel@

Name of Key Personnel:

Designation:

S.No.	Name of Project	Estimated capital cost of Project (in Rs cr.)	Name of the Firm for which Key Personnel worked	Designation of the Key Personnel on the project	Date of Completion of the Project Assignment
(1)	(2)	(3)	(4)	(5)	(6)
1					
2					
3					
4					
5					
6					

@ Use separate Form for each Key Personnel.

[Type text]

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APPENDIX-I

Form 8

Eligible Assignments of Applicant

Name of Applicant:	
Name of the Project:	
Description of the Project:	
Description of services performed by the Applicant firm:	
Name of client and Address:	
Name, telephone no. and fax no. of client's representative:	
Estimated capital cost of Project (in Rs cr.):	
Payment received by the Applicant (in Rs. lakhs):	
Start date and finish date of the services (month/year):	

Notes:

Use separate sheet for each Eligible Project. Attach a single page summary containing the brief particulars of each project.

APPENDIX-I

Form -9

Curriculum Vitae (CV) of Key Personnel

1. Proposed Position:
2. Name of Personnel:
3. Date of Birth:
4. Nationality:
5. Educational Qualifications:
6. Employment Record:

(Starting with present position, list in reverse order every employment held.)

7. List of projects on which the Personnel has worked (Project Name Description of assignment performed)
8. Details of the current assignment and the time duration for which services are required for the current assignment.

Certification:

- 1 I am willing to work on the Project and I will be available for entire duration of the Project assignment as required.
- 2 I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience.

(Signature and name of the Professional)

Place...

(Signature and name of the Authorised Signatory of the Applicant)

[Type text]

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## APPENDIX-I

Notes: Use separate form for each Professional Personnel. Each page of the CV shall be signed in ink by both the Personnel concerned and by the Authorised Representative of the Applicant firm along with the seal of the firm. Photocopies will not be considered for evaluation.

APPENDIX-I

Form -10

Affidavit for Anti-Black Listing

To be submitted on 100/- Stamp paper

- 1...I/We certify that in regard to matters other than security and integrity of the country, we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which would cast a doubt on our ability to undertake the Consultancy for the Project or which relates to a grave offence that outrages the moral sense of the community.
2. I/We further certify that in regard to matters relating to security and integrity of the country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our Associates.
3. I/We further certify that no investigation by a regulatory authority is pending either against us or against our Associates or against our CEO or any of our Directors/Managers/employees.
4. I/We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the JMC/JSCL in connection with the selection of Consultant or in connection with the Selection Process itself in respect of the above mentioned Project.
5. I/we do solemnly state that our firm----- is not black listed by any Central Govt.  
/ State Govt. And its organisation / Public under takings etc.

I do solemnly state on oath that the contents in this affidavit are true and correct to the best my Knowledge and belief.

[Type text]

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APPENDIX-II  
FINANCIAL PROPOSAL

Form – 1  
Covering Letter  
(On Applicant's letter head)

(Date and Reference)

To,

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Dear Sir,

Sub: Request for Proposal and Terms of Reference for appointment of Consultant pre- tender and post tender consultancy services to the JMC/JSCL to set-up Solar Power Plant/Roof Top Plant.

I/We, \_\_\_\_\_ (Applicant's name) herewith enclose the Financial Proposal for selection of my/our firm as Consultant for above.

I/We agree that this offer shall remain valid for a period of 90 (ninety) days from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature, name and designation of the Authorised Signatory)

Note: The Financial Proposal is to be submitted strictly as per forms given in the RFP.



APPENDIX-II

Form – 2

Financial Proposal

(On Applicant's letter head)

(Date and Reference)

To,

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Dear Sir,

Sub: Request for Proposal and Terms of Reference for appointment of Consultant For pre- tender and post-tender consultancy services to the JMC/JSCL to set-up Solar Power Plant/Roof Top Plant.

Being duly authorized to represent and act on behalf of ..... (Here in after referred to as "the Bidder") and having reviewed and fully understood all of the requirements of the RFP document and information provided, the undersigned hereby apply for the project referred above. We are enclosing our Bid offer in lump sum with the details as per the requirements of the RFP Document.

Particulars	Unit	Amt. In figures (INR)	Amount in Words
Consultancy Fees for the Solar Power Plant/Roof Top Plant in per MWp Assignment inclusive of all taxes and surcharges, if any	Per MWp		
Consultancy Fees for the roof top plant in per KWp Assignment inclusive of all taxes and surcharges, if any	Per KWp		

Our offer of basic Cost of the Services is inclusive of all taxes, incidentals, overheads, travelling expenses, accommodation, printing and binding of reports, all sundries, all other expenditure for execution of this services / assignment covering all 'Terms and conditions' (as per this RFP).

Yours faithfully,

(Signature, name and designation of the Authorised Signatory)

Note: The Financial Proposal is to be submitted strictly as per forms given in the RFP.