

Invitation for Expression of Interest For Implementation of Smart Poles on DBFOT Model in Patna

Patna Smart City Limited
Expression of Interest

PATNA SMART CITY LIMITED
EXPRESSION OF INTEREST

**Invitation for Expression of Interest
For Implementation of Smart Poles on
DBFOT Model in Patna**

PATNA SMART CITY LIMITED

Biscomaun Towers, 5th Floor, Gandhi Maidan, Patna-800 001.

NIT No : 17/MD/PSCL/2019

DATE : 28-06-2019

DISCLAIMER

The information contained in this Expression of Interest (EOI) or subsequently provided to Applicants, whether verbally or in documentary or any other form by or on behalf of the Patna Smart City Limited (“the Authority”) or any of its employees or advisers, shall be considered confidential and not to be reproduced / transmitted / adopted / displayed for any purpose whatsoever.

This EOI is one of the steps in the process of selection of an entity for the project of implementation of intelligent poles on PPP-model in whole or part of Patna City.

This EOI is not an agreement or an offer by the Authority to the Applicants or any other person. The purpose of this EOI is to provide interested parties with information that may be useful to them in the formulation of their Proposals pursuant to a specific Request for Proposal (RFP).

This EOI includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Project. It is not possible for the Authority, its employees or advisers to consider the objectives, technical expertise and particular needs of each Applicant who reads or uses this EOI. The assumptions, assessments, statements and information contained in this EOI, may not be complete, accurate, adequate or correct. Each Applicant should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this EOI.

The information provided in this EOI is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

The Authority, its employees and advisers make no representation or warranty and shall have no liability to any person including any Applicant under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EOI or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the EOI and any assessment, assumption, statement or information contained therein or deemed to form part of this EOI or arising in anyway in this subject.

The Authority may in its absolute discretion, update, amend or supplement any information, objective, assessment or assumption contained in this EOI.

The issue of this EOI does not imply that the Authority is bound to select an Applicant for the project and the Authority reserves the right to terminate the process at any time without assigning any reasons whatsoever.

INSTRUCTIONS FOR ONLINE BID SUBMISSION

1. The Detailed NIT and RFB document containing the project profile, invitation for qualification and criteria for evaluation may be obtained from the website: www.eproc.bihar.gov.in (under Patna Smart City Limited)
2. For support related to e-tendering process, bidders may contact at following address “e-Procurement HELP DESK, First Floor, Plot No.- M/22, Road No.-25, Sri Krishna Nagar, Bank of India Compound, Patna-800001, Contact No: 0612-2523006; 7542028164”. Bidders may visit www.eproc.bihar.gov.in
3. Patna Smart City Limited (PSCL) will not be responsible, in case of any delay, due to any reason whatsoever, in receipt of Bid Documents by the bidders.
4. PSCL reserves the right to reject any or all bids or cancel/withdraw the Invitation for Bids (IFB) without assigning any reason whatsoever and in such case, no bidder/ intending bidder shall have any claim arising out of such action.
5. For participating in e-tendering process, the contractor shall have to get themselves registered to get used ID, Password and digital signature. This will enable them to access the website: www.eproc.bihar.gov.in and download/participate in e-tender.
6. The bidder must have the Class II/III Digital Signature Certificate (DSC) and e-Tendering User-id of the e-Procurement website before participating in the e-tendering process. The bidder may use their DSC if they already have the DSC. They can also take DSC from any of the authorized agencies. For user-id they have to get registered themselves on e-procurement website <https://www.eproc.bihar.gov.in/BELTRON> and submit their bids online on the same. Offline bids shall not be entertained by the Tender Inviting Authority for the tenders published in e-procurement platform
7. PSCL intends to undertake a competitive bidding process in order to shortlist and qualify suitable Bidders, who shall be eligible for evaluation of their price bids towards selection of the successful bidder in terms of the RFB for award of the work.
8. The detail of the bidding process and summary of the scope of the works for the project is included in the RFB document.
9. Any clarifications may be sought online through the tender site, through the contact details or during pre-bid meeting if any. Bidder should take into account the corrigendum if any published before submitting the bids online.
10. In the unlikely event of the server for www.eproc.bihar.gov.in being down for more than two consecutive hours (in the period from midnight to closing time for receipt of tenders) on the last date of receiving of bid, the last date of the same shall be extended by concerned authority only to the next working day till the last receiving time stipulated in the original NIT.

11. The bidders are requested to check their file size of uploaded documents at the time of submission & they should ensure that work file is uploaded. If they **feel** that the complete file is not uploaded then they should click on cancel & update the same.
 12. Before submission. The bidders should satisfy themselves of download ability/ visibility of the scanned & uploaded file by them.
 13. The bidders must use MS Office- 2003 version. File size should be less than 5MB and should be in M.S. word, M.S. Excel, PDF and JPEG Formats.
 14. No claim shall be entertained on account of disruption of internet service being used by bidders. Bidders are advised to upload their bids well in advance to avoid last hour's technical snags.
 15. In exceptional circumstances, the competent authority, PSCL may solicit the Bidder's consent to an extension of the period of validity.
 16. Bids that are rejected during the bid opening process shall not be considered for further evaluation, irrespective of the circumstances
 17. The bidders shall submit their eligibility and qualification details, Technical bid, Financial bid etc., in the online standard formats given for respective tenders in e-Procurement website (www.eproc.bihar.gov.in) at the respective stage only. The bidders shall upload the scanned copies of all the relevant certificates, documents etc., in support of their eligibility criteria / technical bids and other certificate /documents in the e-Procurement website. The bidder shall sign on the supporting statements, documents, certificates, uploaded by him, owning responsibility for their correctness /authenticity.
 18. Corrigendum/ Addendum, if any, will be published on the website itself.
 19. Bidder should submit the Tender Fee/ EMD, pre-qualification bid and the Technical Bid in hard copy also as per Clause of this RFB. The Financial bid should be submitted only online. The Financial bid submitted in hard copy shall be treated as non-responsive and eligible for rejection. The hard copy should be posted/couriered/given in person to the Tender Inviting Authority, within bid submission due date and time as indicated in the tender. Scanned copy of the instrument should be uploaded as part of the offer.
 20. The bidder has to select the payment option as offline to pay the EMD as applicable and enter details of the instruments.
 21. The details of the BG/any other accepted instrument, physically delivered, should tally with the details available in the scanned copy and the data entered during bid submission time, otherwise submitted bid shall not be acceptable or liable for rejection.
 22. A bid processing fee (Non-Refundable) to be paid only through DD/BD in favour of Managing Director , Patna Smart City Limited, Payable at Patna .
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23. *For any queries regarding Tendering process, the bidders may contact at address as provided in the tender document.*

Introduction:

The Ministry of Urban Development (MoUD), PSCL of India (GoI) has initiated Smart Cities Mission (SCM), under which selected cities will be developed as smart cities with a focus on improving citizen services with ICT intervention. Smart Cities Mission is an urban renewal and retrofitting program by the PSCL of India with a mission to develop 100 cities all over the country making them citizen friendly, sustainable and investment destination. Under the smart city scheme, PSCL has emphasized to improve the basic civic amenities of the cities on one hand and the provision of modern technological advances for ease of living on the other hand.

The purpose of Smart Cities Mission is to drive economic growth and improve quality of life of people by enabling local area development and harnessing technology especially that leads to Smart outcomes. Area-based development (retrofit and redevelop) will transform existing areas including slums into better planned ones thereby improving livability of the whole City. Application of Smart Solutions will enable cities to use technology, information and data to improve infrastructure and services. Comprehensive development in this way will improve quality of life, create employment and enhance income for all, especially the poor and the disadvantaged, leading to creation of inclusive Cities.

The Smart City Proposal for Patna envisions to implementing a number of projects categorized into Area Based Development (ABD) projects and Pan City components. The ABD projects focuses on physical infrastructure components, whereas the Pan City components focuses on the ICT interventions in the city. The components being undertaken as part of the Area Based Development and Pan City Proposal is as under:

To achieve Patna’s vision for a smart city, large numbers of measures are required to be implemented. Considering the priorities echoed by city stakeholders during the consultative process and practical feasibility, the main project umbrella initiatives shortlisted are:

- ‘Aadharbhoot’: Provide the city with citizen-oriented Core & Resilient Infrastructure which will be a major backbone of various services like water supply, sewerage network in ABD area, sanitation etc.
- ‘Visankulan & Gatisheel’: To address the key concern of traffic congestion as emerging from public consultation, promoting mixed land use to decongest the ABD area and also to increase average travel speed and mobility and reduce travel time including increased carriageway and improved parking management.
- ‘Jan-Kshetra’: To create organized public spaces that will improve the livability quotient and quality of life and also to optimally utilize its resources and reduce carbon footprint through various measures, viz., by restoring riparian wetland and infusing native urban forest concept, and promoting bio-diversity, Rooftop farming, Solar rooftop on govt. buildings etc.
- ‘Sampoorna Nagar Vikas’: By leveraging on its strengths like location, connectivity and “ease of starting-up business,” Patna aims at boosting public services and

governance with the help of ICT intervention proposed Integrated command and control Centre, Jan Seva Kendra, LED street lighting and Intelligent SWM etc. for PAN city development.

- ‘Samagra Vikas’: Introduction of slum free ABD area through an easily replicable model built around housing for all and land leveraging. It will also focus on improving service delivery and cleaning & maintaining drains that are now in a state of disuse.
- ‘Vaisvik’: Under Vaisvik international convention Centre, Urban Incubation Centre proposed to get global identity.
- Patna Smart City Proposal has been selected to implement the Area-Based Development (ABD) and Pan-city proposals by Government of India (GoI) under Smart City Mission (SCM). Patna Smart City proposes several ICT based smart solutions in ABD and across pan-city providing various smart features / infrastructure in line with the SCM guidelines. Intelligent street pole project is part of the Smart City Project.
- Patna Smart City Limited invites Expression of Interest from interested firms / entities for Implementation of Intelligent Street Poles in Patna under PPP model which will involve, but not limited to, Feasibility Study(ies), Design, Development, Implementation, Operation and Maintenance of fixtures, equipment and services related to Smart LED Street Lights, OFC Cable, Telecom Infrastructure, WiFi, City Surveillance, Command and Control Centre etc. in selected areas of Patna City under the Smart City project.
- Interested applicants are requested to submit their responses in the formats under ‘Forms’. They may also provide documents in support of their approach, achievements / claims and compliance to eligibility criteria.

Key Events and Tentative Dates:

No.	Stage	Date / Time
1	Online Sale/Download date of EOI document	From 11. 07.2019, 10:00 Hrs till 01.08.2019, 17:00 Hrs (www.eproc.bihar.gov.in) Under Patna Smart City Ltd.
2	Last Date of Submission	02.08.2019 till 15:00 Hrs Feedback & suggestions in response to the EOI, should be submitted through: a. Email to: patnasmartcity.psc@gmail.com b. Hard copy of the responses (duly signed) through Speed Post or Courier or in person at the following address: Patna Smart City Ltd. Biscomaun Towers, 5 th floor, Gandhi Maidan, Patna.
3	Opening of EoI	03-08-2019 at 16:00 Hours
4	Bid Validity	120 Days
3	Pre Bid Discussion Date	15.07.2019, 15:00 Hrs at Chief General Manger's office, Patna Smart City Limited, Patna
4	Date for Presentation of design, implementation, operation, maintenance and business model	05.08.2019, 12:00 Hrs at at Chief General Manger's office, Patna Smart City Limited, Patna.
5	Cost of EOI Document	Tender fee DD/BD of Rs. 5,000/- (Non-Refundable) in favour of 'Managing Director, Patna Smart City Limited" Payable at Patna.

The Objective

- **Intelligent Street Pole Concept:** The intelligent street pole (popularly known as “smart pole”) combine the capabilities of telecom connectivity and LED lighting in a “lighting-as-a-service” model for cities. It allows city authorities to offer space within their (connected) street-lighting poles to network service providers for telecom infrastructure. Owing to their “omni-presence”, street-lighting poles also enable a role in city surveillance. For the same reason, some other functionalities / features / equipment can also be added which directly or indirectly utilize the main capability of telecom connectivity, such as, environment monitor, power management, parking management, waste management, etc.
- The mobile wireless 4G LTE infrastructure deployment on intelligent pole can result in improved data coverage and capacity for citizens so there are no more signal dropouts. This can vastly improve the telecom infrastructure of the city. LED street-lighting can generate energy savings of 50 to 70 percent, coupled with smart controls.
- Advertisement, Bill-boards, Application Stations, EV charging are some other features that may be attached to the Intelligent Poles. Further, upon establishing connectivity from household connections to Central Command & Control Centre through optical fiber cable networks, Intelligent Poles have a role to play in operation and maintenance of urban infrastructure.
- All these functionalities / features / equipment create a significant commercial potential for its implementer. Thus this project can result in a “win-win” situation for the citizens, government and businesses.
- The successful applicant shall be solely and exclusively responsible to design, implement and maintain on a DBFOT model the project and to provide the services which would be defined in the RFP.
- The successful applicant shall have the exclusive right to use the assets (which will be specified in the RFP document) in PSCL area to create infrastructure to enable multiple digital services based on Wi-Fi/2G/3G/4G to be utilized by all/multiple service providers having valid license from Department of Telecom (DoT) on non-discriminatory basis. For this purpose. Fiber would be laid by the MSI of ICCC Project. No. of cores required by the ISP will be spelt out. A Tri-Partite agreement between MSI, Infrastructure Provider and PSCL for Fiber connectivity, its utilization and maintenance to meet the SLAs would be signed, successful applicant shall be required to take the fiber network at the Smart Pole location from PSCL and shall also share the revenue earned by selling services through Smart Pole Infrastructure.

The Process:

- For evolving the best techno-economically feasible solution allowing non-proprietary functionalities / features / equipment / technology, it is essential to identify all system components, their operational requirements as well as capabilities, their mutual compatibility / interoperability, and formulating the minimum essential specifications, PSCL has planned to invite an open and interactive participation of all solution providers.
- It is envisaged that consortium of businesses in communication technology, lighting technology, operation & maintenance service providers, advertisement & publicity houses, and others will emerge to meet the long term objectives of this project.
- PSCL will receive EOIs from full / part solution providers (“applicant”) who will participate in technical discussions with PSCL, demonstrate their solutions / capabilities / functionalities / features through installation of a ‘Proof-of-Concept’ (PoC). This PoC shall comprise a minimum of one smart pole and two LED Street-light poles, to be installed at a predefined location by each applicant for live.
- Demonstration. The demonstration/ presentation should provide a representative solution to integrate various features / aspects / functionalities / applications of the project as per the objective(s) set above. The prospective bidder will have to attach Power Point Presentation with EoI proposal. PSCL shall facilitate ground space for installation of Gateway, Switches, Routers etc. and power requirement to each applicant during the entire period of PoC. Any Civil/Electrical work required will be the responsibility of the applicant. OFC connectivity may not be available at the time of PoC. If this is essential for any applicant, PSCL may consider providing suitable location(s) for their PoC. The applicants may organize demonstrations “on-site” through use of RF / WiFi / Cloud and local display media.
- For Wi-Fi services to Citizens / Visitors, the applicants have to provide the statistics of the number of persons connected online on each hotspot, duration of the Wi-Fi usage, data downloaded, etc. If free Wi-Fi services will be denied to any person, the online statistics of such cases will also be provided by the applicant.
- Based on the learnings of the PoC; final specifications of the project will be drawn up for city-wide implementation. The applicants shall involve in formulation of technical specifications of various system components for long term sustainable implementation of the project, which shall be compiled in the RFP document.
- The applicants shall also provide their inputs for identification and quantification of revenue streams, making their own assessments of revenue potential. Details, as necessary, may be shared with PSCL for suitable incorporation in the RFP document.
- The applicant need to highlight the various methods for generating revenue (from the aforementioned smart components) along with an indicative calculation, along with total monetization period, on how the revenue will be generated by Lease of PSCL’S Dark Fiber (Create Telecom Corridor), wholesale Bandwidth Sale, triple Play Services (Data, Voice & Video) to Household, Broadband Services to Corporate /

Business, Premium Wi-Fi Services, advertisement on the poles erected by SI for access point.

- The applicants will be invited to submit their technical and financial proposals in response to the RFP document, in the method to be described in the RFP document. After technical and financial evaluations, in the method to be described in the RFP document, PSCL will identify the Most Preferred Partner for implementation of the project.
- It is the responsibility of the applicants for the watch & ward, O & M, of the assets / services created for the PoC.
- At the end of the PoC period, all facilities given to the applicants shall be terminated automatically.
- During the presentation as well as PoC as per ‘Key Events and Tentative Dates’, each applicant shall discuss their recommendation of solution(s) for Patna Smart City and also exhibit their technical approach, methodology and work plan for the implementation of:
 - i. Smart Pole with LED Street Light
 - ii. WI-FI Services
 - iii. Optical Fiber Cable
 - iv. Surveillance
 - v. Environmental Sensors
 - vi. EV Charging Points
 - vii. Smart Bill Board
 - viii. SOS Application
 - ix. Mobile Application
 - x. Integrated Command and Control Centre Integration.

Along with discussion on (i) Efficiency, operability, maintainability of features involved, (ii) Collaboration model among all ecosystem stakeholders, (iii) Procurement & Financing Models.

- All the information provided by the applicants, like the names of the clients, contract values or any proprietary information etc. will be treated as confidential information.

Design Parameters:

Desired design parameters of the complete system are as below. The applicant should strive to exhibit most of these to confirm suitability of their products / services for the project. The design of the smart pole should be sleek and aesthetic. The frame should hide remote radio units and antennas inside the pole and macro radios, baseband units, transmission equipment, extra capacity, power, batteries and additional equipment underneath. All equipment being used should comply with relevant ISO standards. All equipment which are exposed to the environment should comply IP 64 standards or better.

- a) **Smart LED Lighting:** The smart LED lighting should provide energy saving of minimum 35%. The lighting should be anti-glare. The installation should comply with IP 66. The Lighting Operations Management software should be able to send commands to the smart street lighting system based on the data analytics to increase / decrease the luminosity as per the daylight and weather conditions, volume of population, traffic etc.
- b) **Mobile / broadband Infrastructure:** Mobile / broadband infrastructure should be at least 4G LTE and 5G compliant and should be platform independent so that any mobile operator is able to rent space on the poles on non-discriminatory basis. Keeping in view of the recent technological developments, namely the need to have close proximity to the users and improve the bandwidth it is proposed to have a maximum Pole-to-pole inter-distance of 300 to 500 meters between the smart poles. The height of the pole should be in line with the requirements, say from 15 to 40 meters. The existing 2G and 3G infrastructure is proposed to be continued till obsolescence. However, 4G and futuristic technologies have to be catered in the smart pole. The applicant is expected to give a detailed design based on their technology with explanation.
- c) **Power Back-up:** There should be power back-up to ensure round-the-clock functioning. A minimum of six hours' power back-up should be ensured. The service provider should give a detailed breakdown of the power consumption of the equipment being used and accordingly work out 6 hour back-up.
- d) **City Surveillance System:** This shall include observation by means of electronic equipment, namely, CCTV cameras, internet traffic, phone calls, etc.; analyze and assist in decision-making. The system shall manage video feeds for all CCTV systems required under this project through Video Management System (VMS) application. The camera should be IP 66 compliant. System should have Video Storage for 90 Days.
- e) **Wi-Fi Hotspot services:** OFC (Optical fiber cable) backbone with 2GBps or more bandwidth should be provided. Customers should be able to get a minimum speed of 2 Mbps on their devices.
- f) **Air Quality sensors:** Air quality sensors fitted on the smart pole will provide real time data to the CCCC for analysis and reporting.
- g) **Security:** The physical and data security shall be the responsibility of the service provider. Cyber Security / ISO 27001 standards as applicable to Smart City project should be complied with.
- h) **Integration with Command and Control Centre (ICCC):** A ICCC facility shall be set up centrally as part of the smart city project by PSCL. Smart pole software solution shall be provided on a SaaS (Software as a service) model and shall be integrated with ICCC. The ICCC shall get real time data and analyze and provide dashboard view of all reports necessary for monitoring and managing the smart pole infrastructure. Software requirement specifications shall be shared prior to installation. During the full-scale implementation.

Eligibility Criteria

Sl. No	Criteria	Specific Requirements	Documents Required
1	Applicant Entity	Legal entities duly registered under the Companies Act 1956 / 2013, or, public / semi-public entities which are financially autonomous. Entities registered under equivalent law / act in foreign countries may participate. However, they will need to be registered in India, if selected for this project's implementation.	Certificate(s) of incorporation.
2	General Requirement	Applicant/consortium should be: (i) Telecom Infrastructure Providers having valid UL (AS) / UASL from DoT, GoI for a period of last three years. Or (ii) Engaged in Supply, Installation, Commissioning and Operations & Maintenance Services of Wi-Fi / LED Lighting / CCTV / Telecom network projects for a period of last three years. <i>Note: If Banks, NBFC or Other financial institutions wants to participate as consortium then only “turnover” criteria will be applicable to them.</i>	
3	Turnover	The applicant / lead partner in case of consortium, shall have Average Annual turnover of at least Rs. 500 Crores during the last three FYs (2014-15, 2016-17, 2017-18).	Certificate(s) from statutory auditors of the Applicant; Annual Audit Reports

4	No Barring Certificate	Any entity which has been barred, by any public / semi-public agency / Central / State / Local Government, and the bar subsists as on the date of Application, would not be eligible, either individually or as member of a Consortium.	Undertaking by the authorized signatory as well as all members of consortium
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- EOI of each Applicant shall be evaluated on the basis of the following Eligibility Criteria:
- Only the applicants who have submitted EOI will be allowed to respond to the RFP and submit their proposal for participation in the implementation of the project. New consortium partners may be allowed to participate in the revenue streams as identified in #6 above.
- The applicants may associate with each-other to form consortium. However, any applicant can't be part of more than one consortium in the RFP stage.

Forms:
FORM 1: TECHNICAL CAPABILITY OF THE APPLICANT

S. No	Name and address of the Applicant	Response (with supporting documents to be attached)
1	Name, Designation, Address and Contact Details of the person to whom all references can be made in connection with this EOI	
2	Name, Designation, Address and Contact Details of the person to whom all references can be made in connection with this EOI	
3	Legal Status	
4	Product(s) / Service(s) Offered	
5	Years in business.	
6	Number of similar projects executed	
7	Project Information – Name, Client, Scope, Technology used, Value, Start / End Dates, etc.	(repeat for each project as per information under (4))
8	Requirement to form any joint venture for providing any product / feature / service etc. under this project	Yes / No
9	If Yes for (8) above, define the product / feature / service etc.	
10	MoU with other agency(ies), if making a joint application	Attach

FORM 2: FINANCIAL CAPABILITY OF THE APPLICANT

Sl. No	Financial Year	Turn Over (in Rs. Cr.)
1	2015-16	
2	2016-17	
3	2017-18	

**FORM 3: FORMAT FOR DECLARATION BY THE APPLICANT FOR NOT BEING
BLACKLISTED / DEBARRED**

(To be submitted on the Letterhead of the Bidder)

Date:

To

Managing Director,
Patna Smart City Limited
PATNA.

Subject: Declaration for not being debarred / black-listed by Central / any State Government department in India as on the date of submission of the bid

RFP Reference No: XX

Dear Sir,

I, authorized representative of _____, hereby solemnly confirm that the Company _____ is not debarred / black-listed by any Central/State Government/ PSU entity in India or similar agencies globally for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices or for any other reason as on last date of submission of the Proposal. In the event of any deviation from the factual information/ declaration, PSCL reserves the right to reject the Proposal or terminate the Contract without any compensation to the Company.

Thanking you,

Yours faithfully,

Signature of Authorized Signatory (with official seal)

Date :
Name :
Designation :
Address :
Telephone & Fax :

FORM 4: FORMAT FOR POWER OF ATTORNEY

[To be executed on non-judicial stamp paper of the appropriate value in accordance with relevant Stamp Act. The stamp paper to be in the name of the company who is issuing the power of attorney]

Know by all men by these presents, We _____ (Name of the Bidder and address of their registered office) do hereby constitute, appoint and authorize Mr. / Ms _____ (name and residential address of Power of attorney holder) who is presently employed with us and holding the position of _____ as our Attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our Proposal for the “EOI for Implementation of Smart Poles in Patna on PPP model”, including signing and submission of all documents and providing information / responses to the PSCL, representing us in all matters before PSCL, and generally dealing with the PSCL in all matters in connection with our Proposal for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid Attorney shall and shall always be deemed to have been done by us.

For _____

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Accepted,

_____ (Signature)

(Name, Title and Address of the Attorney)

Note:

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 executant(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 shall be provided on Rs.200/- stamp paper. The Power of Attorney should be supported by a duly authorized resolution of the Board of Directors of the Bidder authorizing the person who is issuing this power of attorney on behalf of the Bidder.