

**Foundation for Innovation and Technology  
Transfer (FITT) for Patna Smart City  
Limited (PSCL) invites**



**REQUEST FOR PROPOSAL**

**For**

**Firms for Services to generate high resolution survey with vertical accuracy of more than 20 cm and Eco-sounding of storm drainage network**

**NIT No: 02/FITT/PSCL/05/2024**

Through website: <https://fitt-iitd.in>

**Addressed to**

**Chief Operating Officer,  
Foundation for Innovation and Technology Transfer  
on behalf of Patna Smart City Limited**

E-Mail: [coo@fitt-iitd.in](mailto:coo@fitt-iitd.in)

## REQUEST FOR PROPOSAL

**RFP for conducting Drone survey to generate high resolution survey with vertical accuracy of more than 20 cm and Eco-sounding of storm drainage network and 10% of data verification of storm drain survey data received from BUIDCO for Patna Nagar Nigam, Khagaul, Danapur and Phulwarisharif**

(Through online mode only- <https://fitt-iitd.in>)

**FITT No. – NIT No: 02/FITT/PSCL/05/2024**

**Date:- 08.05.2024**

1. Foundation for Innovation and Technology Transfer (FITT) for Patna Smart City Limited (PSCL) invites bids from eligible experienced Firms/ /Contractors / Agencies / Bidders registered in appropriate category in any Government Organization/PSUs for execution of works as listed below :-

Name of Work	Estimated Cost	RFP Document (Non-Refundable)	Bid Security (EMD)	Bid Processing Fee	Time for completion
FITT invites RFP from reputed Firms for conducting Drone survey to generate high resolution survey with vertical accuracy of more than 20 cm and Eco-sounding of storm drainage network and 10% of data verification of storm drain survey data received from BUIDCO for Patna Nagar Nigam, Khagaul, Danapur and Phulwarisharif					<b>1 months</b>
2	Date of Downloading of RFP Document	:	From 08.05.2024 to 14.05.2024 up to 05:00 P.M. Through website: <a href="https://fitt-iitd.in">https://fitt-iitd.in</a>		
3	Place & Date of pre-bid meeting	:	Date: 13.05.2024, Time 10.30 P.M; Online, link shall be shared with all the registered bidder		
4	Last date of Receiving Queries	:	Date: 10.05.2024, Time 05.00 P.M. Queries can be sent on <a href="mailto:coo@fitt-iitd.in">coo@fitt-iitd.in</a>		
5	Last Date and time for uploading of bid.	:	Date: 15.05.2024 up to 03.00 P.M. Through website: <a href="https://fitt-iitd.in">https://fitt-iitd.in</a>		
6	Last Date and time for submission of hard copy of bid	:	Date: 15.05.2024, Time 05.00 P.M At FITT office		
7	Time & Date of opening technical bids	:	Date: 17.05.2024, Time 10:00 A.M		
8	Time & date of opening financial bids	:	Date: 17.05.2024, Time 03.00 P.M.		
9	Place of opening of Bid	:	Through website <a href="https://fitt-iitd.in">https://fitt-iitd.in</a>		
10	Periods of bids validity	:	60 Days.		
11	Officer inviting bids	:	Col. Naveen Gopal (Retd.), Chief Operating Officer, FITT, IIT Delhi. Email: <a href="mailto:coo@fitt-iitd.in">coo@fitt-iitd.in</a>		
12	For participation in E-tendering procedure, the vendor shall submit technical and financial proposal on given email ID <a href="mailto:coo@fitt-iitd.in">coo@fitt-iitd.in</a> .				

	<p>(i) The FITT does not take any responsibility for the delay/Non availability of internet connection, Network Traffic/Holidays or any other reasons".</p> <p>(ii) Bidders are requested to send technical and financial bid separately. Financial bid should be <b>password protected</b>. Once the bidder is selected for 2<sup>nd</sup> round, they shall be requested for the password of the document.</p> <p>(iii) Technical document should be submitted in PDF format and financial bid can be submitted in Excel with <b>password protection</b>.</p> <p>(iv) Technical document should contain all relevant documents requested in RFP. All the relevant document and CVs should be added as an annexure document of Technical Bid.</p> <p>(v) In total 3 documents shall be emailed on <a href="mailto:coo@fitt-iitd.in">coo@fitt-iitd.in</a>, (a) <a href="#">Technical Document with Detailed Approach and Methodology – PDF</a> (b) <a href="#">Annexure of Technical Document (all relevant proofs and documents requested in RFP) - PDF</a> (c) <a href="#">Financial Bid (password protected) - Excel</a></p>
13	<p>The authority shall have the right to reject the bid without assigning any reason what so ever. For any information department</p> <p>Contact No. 011 - 26597164</p>
14	<p>After award of work the agency will furnish performance security deposit and make agreement as per SBD Clause of Contract for execution of the Project.</p>
15	<p>Payment for work will be made as per schedule of Payment given in RFP document.</p>
16	<p>For queries &amp; Clarifications, if any, send e-mail to <a href="mailto:coo@fitt-iitd.in">coo@fitt-iitd.in</a></p>
	<p><b>Chief Operating Officer</b></p> <p>Foundation for Innovation and Technology Transfer,</p> <p>IIT Delhi, Hauz Kaus, New Delhi – 110016</p>

## **INSTRUCTIONS FOR ONLINE BID SUBMISSION**

- i. FITT as implementing agency 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 the selection of the successful bidder.
- ii. The document containing the project profile, invitation for qualification and criteria for evaluation may be obtained from the website: <https://fitt-iitd.in>
- iii. FITT as the implementing agency will not be responsible, in case of any delay, due to any reason whatsoever, in receipt of Bid Documents.
- iv. The FITT 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.
- v. The details of the bidding process and summary of the scope of proposed works for the project is included in the document.
- vi. 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.
- vii. The bidders shall send their eligibility and qualification details, technical bid, financial bid etc., in the online standard formats given for respective tenders on [coo@fitt-iitd.in](mailto:coo@fitt-iitd.in) the respective stage only. The bidders shall send the scanned copies of all the relevant certificates, documents etc., in support of their eligibility criteria / technical bids and other certificate /documents as an annexure of technical document. The bidder shall sign on the supporting statements, documents, certificates, sent by him, owning responsibility for their correctness /authenticity.
- viii. In exceptional circumstances, the competent authority, FITT may solicit the Bidder's Consent to an extension of the period of validity.
- ix. Corrigendum/ Addendum, if any, will be published on the website and shall be send to registered bidder.
- x. For any queries regarding Tendering process, the bidders may contact at the address as provided in the tender document.
- xi. Bids that are rejected during the bid opening process shall not be considered for further evaluation, irrespective of the circumstances.

## **DISCLAIMER**

The information contained in this **Request for Proposal (RFP)** or subsequently provided to Applicants, whether verbally or in documentary or any other form by or on behalf of Patna Smart City Limited (PSCL) (henceforth referred to as PSCL in this document/ '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 RFP is one of the steps in the process of selection of an entity for the project of **'For conducting Drone survey to generate high resolution survey with vertical accuracy of more than 20 cm and Eco-sounding of storm drainage network and 10% of data verification of storm drain survey data received from BUIDCO for Patna Nagar Nigam, Khagaul, Danapur and Phulwarisharif'**.

**This RFP is not an agreement or an offer by the Authority to the Applicants or any other person.**

The purpose of this RFP is to provide interested parties with information that may be useful to them in the formulation of their proposals, and based upon the proposals so received from interested parties a specific Request for Proposal (RFP) can subsequently be prepared by PSCL.

This RFP includes statements, which reflect various assumptions and assessments, arrived at by the Authority/ Employer in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each bidder may require. As such this RFP may not be appropriate for all persons, and it is not possible for the Authority/ Employer, its employees, or advisers to consider the objectives, technical expertise and particular needs of each and every Applicant who reads or uses this RFP. The assumptions, assessments, statements, and information contained in this RFP, may not be complete, accurate, adequate, or correct. Each Applicant should therefore conduct their own investigations and analyses and should also check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this RFP and consider obtaining independent advice from appropriate source(s).

The information provided in this RFP 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/ Employer accepts no responsibility for the accuracy or otherwise for any interpretation

or opinion on the law expressed herein.

The Authority and 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 RFP or otherwise; including the accuracy, adequacy, correctness, reliability or completeness of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in anyway in this subject.

The Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement any information, objective, assessment, or assumption contained in this RFP.

The issue of this RFP does not imply that the Authority is bound to select an Applicant for the project and the Authority reserves the right to reject all or any of the proposal(s)/ terminate the process at any time, without assigning any reasons, whatsoever.

The Applicant shall bear all its costs associated with or relating to the participation in this process, regardless of the conduct or outcome of the process.

***Chief Operating Officer***  
***Foundation for Innovation and Technology Transfer,***  
***IIT Delhi, Hauz Kaus, New Delhi – 110016***

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# **Invitation for Request for Proposal for conducting Drone survey to generate high resolution survey with vertical accuracy of more than 20 cm and Eco-sounding of storm drainage network for Patna Nagar Nigam, Khagaul, Danapur and Phulwarisharif**

## **1. Introduction:**

The Patna Smart City Limited through FITT, IIT Delhi invites qualified and experienced agencies to submit technical and financial proposal for conducting Drone survey to generate high resolution survey with vertical accuracy of more than 20 cm and Eco-sounding of storm drainage network for Patna Nagar Nigam, Khagaul, Danapur and Phulwarisharif (approximately 300 Sq. Km area). The primary objective is to capture the ground reality so as to accurately estimate the flooding hotspot with its reason and to enhance the efficiency of the current infrastructure so that flooding can be minimized.

## **2. Scope of Work:**

The scope of work includes, but is not limited to:

- a. **Drone/DGPS Survey** - Water logging and flood during the rainy season is chronic problem for citizens of Patna. FITT, IIT Delhi intends to identify the water logging area by doing survey of the Patna area to obtain high resolution survey with vertical accuracy of more than 20 cm
- b. **Eco-sounding** - Getting storm water cross-section using Eco-sounders for major storm water drains approx. of 314 LKM drain/canal.
- c. It is also required to verify the at least 10% of the existing surveyed data of storm drains shared by BUIDCO.

## **3. Eligibility Criteria:**

Interested Agencies/ Applicants are requested to submit their responses in the formats under 'Forms.' They are also required to provide documents in support of their approach, achievements/ claims, and compliance to eligibility criteria. Only those bidder's technical and financial bid will be opened who satisfy the following eligibility criteria.

- a) The bidder should have prior experience in successfully survey, costing 1 crores for 3-4 similar nature of works, for any PSU/Government.



b) The financial stability and capability to execute the project. Company should have an average annual turnover of 10 Cr in past 3 years.

3.1 The Applicant's competence and capability, besides others, shall be evaluated on following parameters:

- a) Financial Capability in terms of Annual Turnover and Net-Worth and
- b) Technical Experience

3.2 The Applicant who applies for this RFP, shall need to fulfill the following eligibility criteria.

These eligibility criteria shall be later used for marking/evaluation purpose.

*(Evaluation shall be carried out in terms of Pass/ Fail for tabulated parameters separately):*

<b>Sl. No.</b>	<b>Parameters</b>	<b>Criteria</b>	<b>Documents Required to be furnished</b>
1.	Applicant Entity	The Bidder(s) shall be a Company, Firm or LLP incorporated in India under the (Indian) Companies Act 1956/ 2013 or a Company In-cooperated under equivalent law abroad.	Certificate(s) of Incorporation.
2.	Technical Requirement	The Applicant shall have experience of completing <b>work of similar nature</b> in Central/State Government/ PSU/ Local Body entity in India, in the last 5 years.	Work order and work completion certificates issued from the Client.
3.	Financial Capacity-Turnover and Net-worth	The applicant shall have Average Annual turnover of at least Rs. 10 Crores during the FYs 2020-2021, 2021-2022, and 2022-2023.  Also, applicant shall have positive Net-Worth during the FYs 2020-2021, 2021-2022, and 2022-2023.	Certificate(s) from statutory auditors of the Applicant; Annual Audit Reports.

4.	Declaration of Non-Blacklisting/ Debar/ Termination	Any entity which has been debarred / black-listed/ terminated by any Central/State Government/ PSU/ Local Body 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, and the same subsists as on the date of Application, shall not be eligible for Applying.	Undertaking by the authorized signatory
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*For showing the eligibility, the bidders will fill the Forms I to V.*

#### 4. Forms:

##### FORM 1: TECHNICAL CAPABILITY OF THE APPLICANT

<b>Sl. No.</b>	<b>Information</b>	<b>Response (attach supporting documents)</b>
1	Name and address of the Applicant	
2	Name, Designation, Address and Contact Details of the person to whom all references can be made in connection with this RFP	
3	Legal Status	
4	Product(s) / Service(s) Offered	
5	Years in business.	
6	Number of similar projects executed (details for each project to be provided in Form 3)	
7	Project Information – Name, Client, Scope, Activity mix, Value, Start / End Dates, etc.	(repeat for each project as per information under (4))
8	Requirement to form any joint venture for providing any component / feature / service etc. under this project (Yes / No)	
9	If Yes for Sl. No. 8 above, define the component / feature / service etc.	

**FORM 2: FINANCIAL CAPABILITY OF THE APPLICANT**

**(Supporting documents to be attached)**

<b>Sl. No.</b>	<b>Audited Balance sheet for following Financial Years</b>	<b>Annual Turn over Details of Bidder (Rs. in Crore)</b>	<b>Annual Net Worth Details of Bidder (Rs. in Crore)</b>
1	2020-21		
2	2021-22		
3	2022-23		

**FORM 3: PROJECT CREDENTIALS**

**(Separate form shall be furnished in respect of each project whose experience is being claimed)**

1. Project Name:	
2. Location:	
3. Name of Client:	
4. Brief Description of Project:	
5. Status of the Project (completed / ongoing / operational)	
6. Name of associated Firm(s), if any:	
7. Date of – a. Date of award of the Project b. Project Completion Date:	
8. Project cost:	

FORM 4: FORMAT FOR DECLARATION BY THE APPLICANT FOR NOT BEING BLACKLISTED / DEBARRED/  
TERMINATED

(To be submitted on the Letterhead of the Agency/Bidder)

Date: dd/mm/yyyy

To

**Chief Operating Officer,**  
Foundation for Innovation and  
Technology Transfer (FITT)  
IIT Delhi, Hauz Kaus  
New Delhi-16.

***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/ terminated 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:**

**E-mail Address:**

**FORM 5: 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 powerof 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 **‘RFP for conducting Drone survey to generate high resolution survey with vertical accuracy of more than 20 cm and Eco-sounding of storm drainage network and 10% of data verification of storm drain survey data received from BUIDCO for Patna Nagar Nigam, Khagaul, Danapur and Phulwarisharif’**, 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 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.

## **5. Technical Evaluation Criteria:**

**5.1 Technical Proposal and Its Evaluation:** The eligible bidders shall provide their technical bid in a separate envelope. This shall comprise of the following.

- a) Registration certificate of the firm issued by Central/State Govt. /Union Territory/ Semi-Govt./ Public Sector undertaking Department.
- b) Duly filled up Eligibility documents appended in the Eligibility Cum Technical Package e bid.
- c) List of works satisfactorily completed during the last three financial years in Central/State Govt./Union Territory/Semi-Govt./Public Sector undertaking along with certificates clearly indicating Date of start, date of completion, amount of work executed.
- d) Audited balance sheet counter signed by C.A. for last three financial years. Clearly indicating turnover and T.D.S.
- e) List of Technical staff with their qualification professional experience and length of the service with the firm Affidavit by Notary on min. Rs. 10/- non judicial stamp paper (Both side).
- f) Original copy/Self Attested copy of the partnership deed if it is a partnership firm and Self Attested copy of registration certificate in case of company, sole proprietorship declaration in case of sole proprietorship firm.
- g) Authority letter in original or attested by Notary not more than one year old of the firm/tenderer in favour of the person who has signed the tender documents with telephone number, complete postal address, and E-mail ID.
- h) PAN Certificate of the Company/Firm.
- i) Blacklist Affidavit on Stamp paper (notarized).
- j) Address proof/I.D.: As per Govt. Rules.
- k) Tenderer or Authorized person should sign each page of all documents at the time of tender Up-loading.
- l) G.S.T. Registration Certificate.
- m) EPF & ESI Registration Copy of the Company/Firm.
- n) Affidavit for Relatives not working in Foundation of Innovation and Technology Transfer (FITT)/Patna Smart City Limited (PSCL)/Patna Municipal Corporation (PMC) on Rs. 100/- Stamp paper (Appendix-E).
- o) All the documents as outlined under the head Submittal of Documents and other documents to comply the Eligibility Cum technical Package.



p) All documents should be attached in above sequence.

**5.2 In addition, the technical bid shall comprise of:** The bidder shall necessarily submit the following documents in their technical proposal. Table 1 “Technical Bid Submittals” shall be used for evaluation purpose.

**Table 1.1. Technical Bid Submittals**

No	Proposed Submittals	Complied/Not Complied	Remarks
1	Description of methodology adopted for preparation of DEM/DSM for Patna Nagar Nigam, Khagaul, Danapur and Phulwarisharif area. Also, describe the vertical accuracy targeted from the proposed methodology.		
2	Description of eco-sounding methodology adopted and what desired outputs shall be expected		

## **6. Financial Criteria:**

As per feasibility and preliminary requirement of the project, the bidder must quote the total project Job cost as per Form-6 Inclusive of GST Charges. The agency has to submit component wise details with quantity as per the requirement in separate sheet. The bidder should also give a break up of approximate bill of quantity.

### **FORM 6: PRICE BID FORMAT**

**Name of Work:** *“Conducting Drone survey to generate high resolution survey with vertical accuracy of more than 20 cm and Eco-sounding of storm drainage network and 10% of data verification of storm drain survey data received from BUIDCO for Patna Nagar Nigam, Khagaul, Danapur and Phulwarisharif”*

Description of Work	Quantity	Amount in INR	
		In Figure	In Words
Conducting Drone survey to generate high resolution survey with vertical accuracy of more than 20 cm and Eco-sounding of storm drainage network and 10% of data verification of storm drain survey data received from BUIDCO for Patna Nagar Nigam, Khagaul, Danapur and Phulwarisharif	1 Job		

**Note: -**

- i. Component wise details with quantities should be enclosed in separate sheet with seal and sign.
- ii. Rate shall include all Taxes, levies, GST, Royalty, Signorage etc. and nothing shall be paid extra over and above the quoted cost.
- iii. In case of ambiguity or discrepancy between Figure and Words, words shall prevail.

**Signature & Seal of Bidder**

## 7. Terms of Payment

1. The bidder shall quote their rates for all kind of survey requested in Scope of Work. Payment shall be made after completion of work and after necessary certification by Engineer-in-charge. The overall tendered amount shall be payable as per break up mentioned in table below: -

- a) For **Drone Survey** and handing over the DEM/DSM with **vertical accuracy less than 20 cm** to FITT - 25 % of total agreement amount.
- b) After completion and sharing of **Eco-sounding of Storm Drains** and handing over of data in soft copy to FITT - 25% of total agreement amount.
- c) After **10% Data verification of data storm drain survey shared by BUIDCO** and handing over of the data along with status in soft copy format to FITT - 25% total agreement amount.
- d) Upon submission of all soft copy of drawing, data with proper projection system to FITT - 25% total agreement amount.

<b>Payment Terms</b>	<b>Percentage</b>
On completion of Drone Survey and handing over the DEM/DSM with desired accuracy	25 %
On Completion of Eco-sounding of Storm Drains	25 %
On Completion of 10% Data verification of data shared by BUIDCO	25 %
On completely handing over of the required data in soft copy. And after verification by FITT	25 %

## 8. Financial Evaluation Criteria:

Bids will be evaluated following the QCBS evaluation methodology by an expert committee as mentioned below:

### 8.1 QCBS EVALUATION METHODOLOGY

The bids conforming to the technical specifications, terms and conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Rejection Criteria will be considered for further evaluation as given below:

- Bids shall be evaluated both in terms of 'Quality' as well as 'Quoted Price' i.e. Quality & Cost Based Selection (QCBS) methodology. The weightage for the 'Quality' is 70 (seventy) and the weightage for the 'Quoted' price is 30 (thirty).
- The marks allocated against various sub-sections under 'Quality' of Bid shall be as hereunder:

#### Broad classification:

Sl. No.	Criteria	Marking Scheme	Max. Marks	Documentary Evidence
1.	Bidder should have the experience of having successfully completed "similar work" in the same sector in last 3 years in India / globally.	<i>≥2 projects: 6 marks</i>  2 additional marks for each project  <b>(4 marks max.)</b>	10	To be provided by vendor.
2.	Bidder should have their own equipments (example: drone, eco-sounder, total station for carrying out survey work)	<i>Drone: 5 marks</i> <i>Drone certified pilot: 5 marks</i> <i>Eco-sounder: 5 marks</i> <i>Total Station: 5 marks</i>  <b>(20 marks max.)</b>	20	To be provided by vendor.

3.	The bidder should be minimum ISO 9001 certified.	<i>ISO 9001: 5 marks</i>	5	Copy of certificate should be provided along with the technical bid. Certificate should be valid as on bid closing date.
6.	Number of full-time technical personnel on its payroll in India, who are dealing in Implementation / Post- implementation support services for this project and proof of the organisational presence for installation and post-installation maintenance in Patna / Bihar as on bid closing date.	<p><i>&lt;20 : 5 Marks</i></p> <p><i>&gt;20 and &lt; 50: 10 marks</i></p> <p><i>≥50: 15 marks</i></p>	15	Certificate signed by the Authorized signatory on official letterhead
7.	Understanding of Scope, Deliverables, Approach, Methodology & Past Success Stories (to be evaluated based technical proposal and presentation)	Technical proposal and Presentation showing understanding of our requirement (Scope of work, deliverables, and business context), detailed approach & methodology for addressing our requirements, plan to meet quality, timeliness of deliverables & value proposition.	50	-----
<b>Total Marks</b>			100	

**Note for above:**

- a) To demonstrate experience against criteria specified above, bidder must submit relevant documents
- b) A bid shall have to meet the Minimum Qualifying Marks of 70 (seventy) marks in the

technical proposal. Bids not meeting the minimum qualifying marks in technical bid shall be rejected. The Bids meeting the minimum qualifying marks shall be called ‘Qualified Bids’ and shall be eligible for financial evaluation of the bid.

c) ‘Qualified Bids’ (meeting the minimum Qualifying Marks of in technical bid), terms and conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Evaluation Criteria shall be considered for further evaluation as per the Evaluation Criteria given below:

- Price Bids shall be evaluated considering the Price quoted for all services including applicable GST (CGST & SGST / UTGST or IGST).
- Quoted price must include all liabilities and taxes including statutory liabilities but excluding GST, which shall be quoted separately in the Price Bid format

d) To ascertain the Inter-se-ranking of the bids, the Quality & Cost Based Selection (QCBS) methodology as mentioned below shall be adopted:

An Evaluated Bid Score (B) will be calculated for each bid, which meets the minimum **Qualifying marks of 70 (seventy)** in ‘Quality’ Evaluation Criteria, using the following formula in order to have a comprehensive assessment of the Bid price and the Quality of each bid:

$$B = (C_{low}/C) \times 100 \times X + (T/T_{high}) \times 100 \times Y$$

where,

$$C = \text{Evaluated Bid Price of the bidder}$$

$C_{low}$  = The lowest of the evaluated bid prices among the responsive bids

$T$  = The total marks obtained by the bidder against

“Quality” criteria

$T_{high}$  = The highest mark scored against “Quality” criteria among all responsive bids

$$X = 0.3 \text{ (The weightage for ‘Quoted price’ is 30 \%)} \\ Y = 0.7 \text{ (The weightage for ‘Quality’ is 70 \%)}$$

**Note: The Evaluated Bid Score (B) shall be considered up to two decimal places.**

- Contract shall be awarded to the bidder with the highest Evaluated Bid Score (B).
- In the event of two or more bids having the same highest Evaluated Bid Score (B), the bid scoring the highest marks against 'Quality' criteria will be recommended for award of contract. Even if there is a tie, 'draw of lots' will be resorted to arrive at the recommended bidder.
- To ascertain the inter-se-ranking, the comparison of the responsive bids will be made subject to loading for any deviation.

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