



# ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Govt. of Odisha Undertaking)

**Registered Office: Janpath, Bhubaneswar- 751022**

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**CIN:** U40102OR2004SGC007553

## e-TENDER NOTICE No TW-IT-363/2009/(VOL-IV)/DS-1

### CORRIGENDUM-2

Section II. (Eligibility Criteria & Evaluation Methodology) of the e-TENDER NOTICE No TW-IT-363/2009/(VOL-IV)/DS-1 is hereby updated and placed as Annexure-1. The corresponding Date lines are changed as follows.

Last date of sale of bidding documents	14-05-2024, 11.00Hrs
Last date of submission of bids	14-05-2024 ,13.30Hrs
Time of opening of Techno-commercial bids	14-05-2024, 15.30Hrs
Live Inspection & Demonstration	Date will be Intimated on 16-05-2024
Time of opening of Price bids	To be intimated later to the techno-commercially acceptable bidders

N.B. All subsequent addendums/corrigendum to the tender shall be hosted in the OPTCL's official web site <https://www.optcl.co.in> and [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) only.

Yours Faithfully

*dh*  
30/04/2024

**Chief General Manager (IT)**

*dh*

## Annexure-1

### Section II. Eligibility Criteria

The Bidder (Individual Bidder/ Consortium/JV) must possess the requisite experience, strength and capabilities in providing the services necessary to meet the requirements as described in this document. Keeping in view the complexity & volume of the work involved, the following criteria are prescribed as eligibility criteria for Bidder interested in undertaking the project. The Bidder must also possess the technical know-how and the financial stability that would be required to successfully establish/execute this project. The bids must be complete in all respect and should cover the entire scope of work as stipulated in the tender document. The invitation to bid is open to all Bidders who qualify the eligibility criteria as given below:

Sl. No.	Criteria	Mandatory Documents
1	The bidder should be a Trust or company or partnership firm or limited liability partnership firm registered under the relevant Indian Statutes.  The bidder should have been in the business of drone based inspection/survey at least for the last 3 years.	Certificate of Incorporation and copy of Memorandum and Articles of Associations of the company evidencing that they are working in the drone based inspection/survey business for the last three years should be attached.
2	<b>The bidder should be a profitable organization for three (03) financial years (FY) out of FY 2020-21, 2021-22, 2022-23 &amp; 2023-24.</b>	To comply this financial QR the bidder must submit copy of audited Annual Accounts including Balance Sheet, Profit & Loss account from a practicing Chartered Accountant (Having UDIN No) <b>for three (03) financial years (FY) out of FY 2020-21, 2021-22, 2022-23 &amp; 2023-24.</b>
3	The Minimum Average Annual Turnover (MAAT) requirement of the bidder (The Average of Best Three Financial Years out of the Last Five Financial Years preceding to the year of IFB) as indicated in the following Table- (Fin-1) shall not be less than Rs. <b>9 Crores</b> . In case the Bidder is in existence for less than three financial years, the average annual turnover shall be sum of turnover in the completed no of financial years divided by three for the purpose of meeting the above criteria. Turnover of the bidding company on standalone basis only (excluding its associate companies on Standalone Basis) shall be considered for arriving at Annual Turnover.	Copy of the audited annual accounts of the company showing turnover of the company for the last three financial years supported by Chartered Accountant (Having UDIN No) certificate for Net-worth and turnover (MAAT).  Information with authorized signature to be submitted as per Table: (FIN - 1).
4	Bid Capacity or Net working capital or access to credit facilities (unutilized portion) on the date of NIT should not be less than Rs. 4,00,00,000/- (Rupees Four Crores Only) for the last financial year.	Copy of the audited annual accounts of the company showing turnover of the company for the last three financial years supported by Chartered Accountant (Having UDIN No) certificate for Net-worth and



Sl. No.	Criteria	Mandatory Documents
		turnover (MAAT).  Information with authorized signature to be submitted as per Table: (FIN - 2), Table: (FIN - 3), Table: (FIN - 4) and Table: (FIN - 5).
5	The Bidder shall not be under a declaration of ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government agencies as on bid submission date.	Undertaking in this regard by the authorized signatory of the bidder.
6	The Bidder must have PAN Card, GSTIN, Registration under labor laws & contract act	Valid Scanned Copies of the PAN Card, GSTIN. <b>Bidders may give undertaking to submit relevant documents on support of Registration under labor laws &amp; contract act, once the contract is awarded.</b>
7	The bidder should submit power of attorney certifying the authorized signatory	Power of Attorney executed by the Bidder in favor of the duly Authorized Representative, certifying him as an authorized signatory for the purpose of this Tender. Board resolution also to be submitted in favor of Power of Attorney.
8	The bidder shall hold necessary current and valid operating permit(s)/ certificate(s)/ license(s) issued by Directorate General of Civil Aviation to provide Drone services in India on commercial basis.	Relevant proofs from DGCA / Digital Sky should be submitted.
9	The bidder should have at least 10 DGCA Type Certificated Drones (as required for this project) registered in DigiSky.	Relevant proofs from DGCA / Digital Sky should be submitted.
10	The Bidder must have on its roll at least <b>12</b> DGCA certified pilots.	Relevant proofs from DGCA / Digital Sky should be submitted. Company payslip and employee ID card should be furnished.
11	The Bidder must have on its roll at least 4 Degree Electrical Engineers.	Relevant proofs should be submitted. Company payslip and employee ID card should be furnished.



Sl. No.	Criteria	Mandatory Documents
12	The bidder should have prior experience of executing Drone based inspection/survey Projects in last <b>three</b> years having cumulative work order value not less than <b>2.5</b> Crores.	a. Copy of Work order / Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order. b. Certification on client letterhead/Performance certificate as proof of services provided for the last 3 financial years needs to be submitted c. Submit suitable, verifiable evidence to demonstrate the experience.
13	The Bidder having valid ISO 27000, ISO 9001:2008 CMM Level 3/CMMI level 5 certification as on bid submission date will be given preference.	Copy of the valid ISO/CMMI certification
14	The Bidder having on its roll at least 2 DGCA certified Instructor will be given preference.	Relevant proofs from DGCA / Digital Sky should be submitted. Company payslip and employee ID card should be furnished.
15	Bidder having prior experience in Land Scheduling / LIDAR based Survey will be given preference.	a. Copy of Work order / Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order. b. Certification on client letterhead/Performance certificate as proof of services provided for the last 3 financial years needs to be submitted c. Submit suitable, verifiable evidence to demonstrate the experience.

**Note:**

1. Sub-Contracting is strictly not allowed.
2. In case where audited results for the preceding financial year are not available, certification of financial statements from a practicing Chartered Accountant (Having UDIN No) shall also be considered acceptable.
3. All the documents to be submitted must be self - attested with company seals.

**JOINT VENTURE BIDS:**

**Financial Criteria:**

In case a bid is submitted by a Joint Venture (JV) (Max. 2) as partners, joint venture must comply the following minimum criteria: All the partners of the JV shall meet individually the Financial Position criteria given as below:

Joint Venture Partners together should meet 100% of the financial qualifying requirement.

Lead Partner of the Joint Venture shall meet at least 50% of the financial criteria and other partner shall meet at least 25% of the financial criteria as mentioned in financial criteria clause.



**Joint Venture Qualification:**

Bid submitted by a Joint Venture Bidder shall have following qualifying requirement:

Sl. No.	Qualifying Requirements	Proposed
01	Status of Joint Venture Partners	<p>All Partners of Joint Venture shall be domiciled companies in India.</p> <p>All partner of the Joint Venture shall hold necessary current and valid operating permit(s)/ certificate(s)/ license(s) issued by Directorate General of Civil Aviation to provide Drone services in India on commercial basis.</p> <p>Both the partners of the Joint Venture together shall meet the complete requirement mentioned above (sl. 1 to 12).</p> <p>Such Joint Venture shall be formed through Joint Venture Agreement as per the format and manner specified in the Tender Documents.</p>
02	No. of Partner(s)	Maximum number of Partners in a Joint Venture for a Package is limited to Two (02) only including the lead partner.
03	Technical Qualification Criteria (Sl. No. 8 to 12)	<p>1) Joint Venture Partners together should meet 100% of the technical qualification requirements.</p> <p>2) The Lead Partner of the Joint Venture shall meet the technical qualification mentioned in Sl. No 8, 10, 11 and 12.</p>
04	Financial Criteria (Sl. No 2 to 4)	<p>1) Joint Venture Partners together should meet 100% of the financial qualifying requirement mentioned above at (Sl. 2 to 4)</p> <p>2) Lead Partner of the Joint Venture shall meet at least 50% of the financial qualifying requirement mentioned above at (sl. 2 to 4) and other partner shall meet at least 25% of the financial criteria as mentioned above at (sl. 2 to 4)</p>
05	Contract Performance Bank Guarantee	The performance security of a joint venture shall be in the name of Joint Venture (CPBG of 10% of the Contract Price).
06	Statutory Valid Documents	<p>Partners of the Joint Venture should submit the following documents as part of qualifying criteria.</p> <p>“Board Resolution towards forming of Joint Venture and Power of Attorney to sign the tender document.”</p>
07	Lead Partner of Joint Venture	One of the partners fulfilling the Technical and financial qualifying criteria prescribed for lead partner shall be nominated as Lead Partner by the Joint Venture and the lead partner shall be exclusively authorized to incur liabilities and receive instruction for and on behalf of Joint Venture and its other

		partner. This authorization shall be evidenced by submitting a power of attorney and Joint Venture agreement signed by legally authorized signatories of the partners as per Proforma.
08	Liability of the Joint Venture Partner(s)	All partners of the Joint Venture shall be jointly and severally liable for the execution of the Contract.
09	Conflict of Interest	<p>A Partner of a Joint Venture Bidder shall not have a conflict of interest with the other Partner of the Joint Venture. A Joint Venture Bidder may be considered to have a conflict of interest with other bidder in this bidding process, if:</p> <p>a. A Partner of one Joint Venture is also a Partner in another Joint Venture participating in this bidding process, or</p> <p>b. Any Partner of the Joint Venture bidder participates independently in this bidding process, or</p> <p>c. The Joint Venture Bidder has a relationship with another Joint Venture, directly or through common third parties, that puts them in a position to have access to information about or influence on the bidding process of the OPTCL, or</p> <p>d. The bidder or any of its affiliates or in the case of Joint Venture, any of the Joint Venture partner or their affiliates has participated as a consultant in the preparation of the design or technical specifications of the equipment and installation Services that are the subject of the bid. or</p> <p>e. A bidder or any of its affiliates has been hired (or is proposed to be hired) by the OPTCL as Project Manager/Engineer for the contract.</p> <p>In case of conflict of interest all the concerned bidders shall be disqualified &amp; their bids shall be summarily rejected.</p>
10	Bid Capacity	In case of Joint Venture, the bid capacity shall be considered as Balance Bid Capacity (in Rs) = 3T-B of the partners together, which shall be evaluated by OPTCL based on the information furnished by the bidder as per the format Table: (FIN - 4) & Table: (FIN - 5) as per the modality mentioned below.
11	Net worth	Both JV partners should meet Net worth criteria. Net worth of JV bidder as per the audited financial results should be positive for the last three (03) financial years.



**Note:**

- ✓ The bidder should submit an agreement for Joint Venture duly notarized so as to be legally valid and binding on the partners / members.
- ✓ The agreement should contain precise demarcation of the responsibility of both the partners of the Joint Venture in respect of planning, design, supply, construction equipment, key personnel, work execution and financing of the project duly indicating the percentage in financing / profit sharing of Joint Venture by each partner. However, notwithstanding any arrangement in the JV agreement, both partners of the Joint Venture shall be jointly and severally liable for the execution of the Contract.
- ✓ This agreement shall be irrevocable and valid till successful completion of the contract.
- ✓ The joint Venture must satisfy collectively the Criteria above for which purpose the relevant figure of average annual turnover and liquid assets / credit facilities for each of the partners of the JV shall be added together to arrive at Joint Venture total capacity.

**BID CAPACITY QUALIFICATION:**

The bidder shall meet the following bid capacity Qualification Criteria before his bid is considered for opening of the price bid.

**Bidder's Bid Capacity:**

- ✓ The Bid capacity should be equal to or more than 4Cr.
- ✓ The bid capacity of the bidder shall be considered as  $3T - B$  where.  
 $T$  = Maximum value of Annual Turnover in any one financial year during the last 5 financial years reckoned from the year of IFB  
 $B$  = Value of residual existing commitments of works\* (as mentioned below) yet to be completed on Annualized basis, as on the 1st date of quarter of the financial year in which the bids are opened, which shall be evaluated by OPTCL based on the information furnished by the bidder as per the format Table: (FIN - 4) & Table: (FIN - 5)

(Example: If a contract awarded is to be completed within Two years, then the residual existing commitments of works shall be divided by two to arrive at the Annualized value, if there is no delay in execution of work beyond the original scheduled completion time. In case the execution of work is delayed beyond the original scheduled completion time, then the residual existing commitments of works shall be same as the remaining residual existing commitments of works to be executed.)

**Note:** A statement in this regard for residual existing commitments of works should be submitted along with the Techno-commercial bid and should be signed by a Practicing Chartered Accountant.

**Bidder's Participation in the bid:**

A bidder may participate in the bidding subject to meeting the bid capacity criteria.

**Bidder's Price Bid Opening Eligibility based on the Bidder's Bid Capacity Qualification:**

The bidder shall be eligible for opening of the Price Bid based on the available bid capacity defined as under;

**Available bid capacity:**

**Balance Bid Capacity** (in Rs.) =  $3T - B$ , where

$T$  = Maximum value of Annual Turnover in any one financial year during the last 5 financial years reckoned from the year of IFB.





**B** = Value of residual existing commitments of works\* (as mentioned below) yet to be completed on Annualized basis, as on the 1st date of quarter of the financial year in which the bids are opened.

**Works\*:- Drone based Survey or inspection.**

**Note:**

In respect of (B) above for Joint Venture, share of each partner would be as per their respective scope in the Joint Venture Agreement. In absence of the same, it would be considered as equal.



**Table: (FIN - 4)**  
**(Bidder's Bid Capacity Schedule)**  
(Name of Bidder or Joint Venture Partner)

Sl. No.	Financial Year	For Single entity	For Joint Venture		
		Maximum value of Annual Turnover in any one financial year during the last 5 financial years (In Rs. Cr.)	Maximum value of Annual Turnover in any one financial year during the last 5 financial years of the <b>Lead Partner</b> (In Rs. Cr.)	Maximum value of Annual Turnover in any one financial year during the last 5 financial years of the <b>Other Partner</b> (In Rs. Cr.)	Total (In Rs. Cr.)
1					
2					

**Table: (FIN - 5)**  
(Name of Bidder or Joint Venture Partner)

**Total** Value of residual existing commitments of works for Drone based survey and inspection Orders placed by OPTCL and Other Organizations

Sl No	Name of organization	Description of work	Work order No. & date	Work order value incl. taxes in INR	Original scheduled completion period in Years	Is there any delay in completion period (Yes/No)	Value of residual existing commitments of works incl taxes in INR	Annualized Value of residual existing commitments of works incl taxes in INR
1								
2								
3								
4								

(To be submitted separately for Lead & Other partner in case of JV)



### NET WORTH CRITERIA

Net worth of bidder as per the audited financial results should be positive for the **last three (03)** financial years.

- Net Worth means the sum total of the paid-up share capital and free reserves (excluding reserves created out of the revaluation of assets, write back of depreciation provisions and amalgamation & Capital Reserve) net of P&L A/C (Dr. balance) and miscellaneous expenses to the extent not adjusted or written off, as per Section 2(57) of the Companies Act 2013.

**Table: (FIN - 3)**  
**(Net Worth Schedule as on Dt .....)**  
(Name of Bidder or Joint Venture Partner)

Sl. No.	Particulars	Amount (In Rs. Crore)
1	Paid-up share capital	
2	Free Reserves excluding the reserves created out of the following; Revaluation of assets. Write Back of depreciation Provisions. Amalgamation. Capital Reserve	
3	Less, P&L A/C (Dr. balance)	
4	Less, Miscellaneous expenses to the extent not written off.	
5	Total: (5=1+2-3-4)	

**Note:**

- (a) The above Table: (FIN - 3) of the Bidder(s) to be certified by Practicing Chartered Accountant (PCA) /Cost and Management Accountant (CMA).
- (b) In case of Joint Venture above (Fin-3) of the Bidder(s) shall be furnished independently by each partner duly certified by Practicing Chartered Accountant (PCA) /Cost and Management Accountant (CMA).





### MINIMUM AVERAGE ANNUAL TURNOVER: (MAAT)

The Minimum Average Annual Turnover (MAAT) requirement of the bidder (The Average of Best Three Financial Years out of the Last Five Financial Years preceding to the year of IFB) as indicated in the following Table (Fin - 1) shall not be less than **Rs. 9 Crores**. In case the Bidder is in existence for less than three financial years, the average annual turnover shall be sum of turnover in the completed no of financial years divided by three for the purpose of meeting the above criteria. Turnover of the bidding company on standalone basis only (excluding its associate companies on Standalone Basis) shall be considered for arriving at Annual Turnover.

Note:

- In case of bidder participated through Joint Venture, the MAAT shall be considered together. The bidder has to furnish the Annual Turnover of the company based on audited accounts of the last Five Financial Years.
- In case of Joint Venture, Table: (Fin-1) of the Bidder(s) shall be furnished independently by each partner.

**Table: (FIN - 1)**  
**(MAAT Schedule)**

(Name of Bidder or Joint Venture Partner)

Sl. No	Financial Year	Annual Turnover (excluding associate companies on Standalone Basis) of the Bidder (in INR Crores)	Best Three Years Annual Turnover (excluding associate companies on Standalone Basis) of the Bidder (in INR Crores)
1			
2			
3			
4			
5			
A = Total of best 3FY Annual Turnover			
B = (A/3) Average of Annual Turnover for best 3FY			

**Note 1-** "Annual gross revenue from operations/gross operating income as incorporated in the profit & loss account excluding other operative income / other income".

**Note 2:** - In case bidder is a holding company, the Financial Position criteria above shall be that of holding company only (i.e. excluding its subsidiary / group companies). In case bidder is a subsidiary of a holding company, the Financial Position criteria above shall be that of subsidiary company only (i.e. excluding its holding company).

### 2.2 LIQUID ASSETS AND ACCESS TO CREDIT FACILITY:

Bidder shall be financially sound and stable. The liquid assets (Cash at Bank & Fixed Deposit) and Un-Utilised credit facility (both Fund & Non-Fund based) available from bank(s) duly certified by the Bank(s), within one Month prior to the date of originally scheduled date of bid opening as indicated in the following format (Fin - 2) should not be less than 15% (Fifteen Percent) of estimated cost of the package(s)/works. For this purpose, the liquid Assets and Un-Utilized Credit facilities of Partners of Joint Venture shall be considered together.

**Note:** Liquid Assets and Credit facilities (Un-Utilized) are applicable independently for each package irrespective of the no. of packages in which bidder has participated.

(PROFORMA FOR BANK BALANCE, FIXED DEPOSITS AND AVAILABILITY OF CREDIT FACILITIES)

**Table: (FIN - 2)**  
**(BANK CERTIFICATE)**

This is to certify that M/s. .... (Full Name & Address), who are submitting their bid to OPTCL against their Tender Specification vide Ref. No.....& Date .....is our Customer for the past..... Years.Their financial transactions with our Bank have been satisfactory. Their Current A/c Balance & Fixed Deposit Balance as on <Date> <Month> <Year> is also indicated below:

SL.NO.	TYPE OF ACCOUNT (CURRENT/FD/RD/ANY OTHER)	ACCOUNT NUMBER	BALANCE as on Dt..... (Rs. in Cr)

They enjoy the following fund based and non-fund based limits (Cash Credit, Bank Guarantees, L/C and other credit facilities) with us against which the extent of utilization as on <Date> <Month> <Year> is also indicated below:

SL.NO.	TYPE OF FACILITY	SANCTIONED LIMIT AS ON DATE	UTILISATION AS ON DATE	AVAILABLE AS ON DATE(Rs. in Cr)

This letter is issued at the request of M/s -----

Sd/-

Name of Bank.....

Name of Authorised Signatory .....

Designation .....

Phone No. ....

Address .....

SEAL OF THE BANK.

N.B. : To be issued by the Issuing Bank in their Letter Head.

**Note:** The above Table: (FIN - 2) should be submitted by the bidder.

**Note:** Bidder shall have Liquid Assets (LA) and/or evidence of access to or availability of credit facilities of not less than **Rs 4,00,00,000.00** Or equivalent. Bidders to qualify for more than one package, their financial position specified above shall not be less than the sum of the requirement for the packages they propose to qualify for (strike through if not applicable).



## Evaluation Methodology

### Guidelines to Bidders

- i. Alternate/Multiple bids are not allowed
- ii. The evaluation team will thoroughly review the proposals submitted by various bidders. The broad evaluation will be based as following:-
  - a. Technical Evaluation : 70% Weight
  - b. Financial Evaluation: 30% Weight
- iii. Purchaser may ask each qualified bidder to demonstrate their expertise by capturing the RGB/Thermal Images and short videos inline with the project scope of work for particular 5 numbers of towers, which will be part of the technical evaluation. The bidder wise date and time of inspection will be notified to the
- iv. Each of the bidder shall submit all the photos/ videos and analytic reports of the above 5 Towers within 2 working days to OPTCL from the date and time of respective bidders inspection.
- v. Purchaser may ask the bidder to give a Power Point Presentation (PPT) on overall inspection with respect to the scope of work.
- vi. Based on multiple parameters, the evaluation team will calculate the technical evaluation score for each bidder at the end of technical evaluation phase.
- vii. OPTCL, in observance of best practices, shall:
  - a. Maintain the bid evaluation process strictly confidential
  - b. Reject any attempts or pressures to distort the outcome of the evaluation, including fraud and corruption
  - c. Strictly apply only and all of the evaluation and qualification criteria specified in the Bid document.
- viii. Financial requirement/ certification of the primary bidder will be considered and financials of parent company / holding company / Partner Company etc. will not be considered. Consolidated financial statements of the bidders will also not be considered.
- ix. If any project / contract involve multiple subsidiaries, it will be treated as only one credential / experience.
- x. Credentials of the holding/parent/subsidiary companies shall not be considered.
- xi. Cut-off date for calculating number of years shall be the date of bid submission
- xii. The Purchaser will have the right to independently contact and verify the accuracy of credentials with Bidder's end-client. Bidder will have to provide necessary details as per the requirement of the Purchaser.
- xiii. Bidders are required to fill and submit (upload) "Techno-Commercial Proposal sheet" along with all the supporting documentary proof with page reference number of the document submitted. Only those pages will be considered for evaluation.
- xiv. Bidders are requested to submit all the documentary evidence in support of the qualification criteria and evaluation of the bid after thorough analysis of the tender document and requirement of the criteria mentioned in the tender. It may be noted that no further clarification shall be sought from bidders after opening of the techno-commercial bid.

### "Single Stage - Two part" Bidding Procedure

In the Single-Stage: two part bidding procedure, Bidders should submit two proposal simultaneously, one containing the Technical Proposal and the other the Price Bid. Initially, only the Technical Proposals shall be opened at the date and time advised in the Bidding Document. The Price Bids will remain unopened. The Technical Proposals shall be evaluated by the Purchaser. No amendments or changes to the Technical Proposals are permitted. The objective of the exercise is to allow the Purchaser to evaluate the Technical Proposals without reference to price.

Bids of Bidders which do not conform to the mandatory requirements may be termed as non-responsive and will not be evaluated further.





Evaluation of price bids will be on the basis of the FOR DESTINATION PRICE including Goods and Services Tax & other levies as may be applicable. The FORD PRICE shall consist of the following components:

- Taxable value of service offered. (At the discretion of the purchaser)
- Goods and Services Tax
- Other levies, if any.
- Any other items, as deemed proper for evaluation by the purchaser.
- Any imposition of new tax or revision of tax shall be considered between due date of submission of bids and the date of price bid opening.

In comparing bids and in making awards, the Purchaser will consider other factors such as compliance with Scope of the Work, minimum qualification criteria, outright rejection clause of this tender, experience, financial soundness, record of integrity in dealings, performance, the time of delivery, capability to perform including available facilities such as adequate manpower, expertise & experience in Drone Based Inspection/Survey project.

#### Criteria for Outright Rejection:

- Non-submission of Documentary proof of submission Tender Cost, payment of Tender Processing Fees through e-payment mode.
- Non-submission of Power of Attorney (Authorized Signatory) notarized copy for signing the bid document in hard copy.
- Non-submission of undertaking that the bidder(s) meeting the minimum eligibility criteria of the tender.

#### Technical Evaluation

The Technical evaluation will be based on the following Technical Evaluation Parameters

Note: Bidders need to score **minimum 45 (Forty Five) marks in Technical evaluation** to qualify for subsequent financial evaluation.

Srl. No.	Criteria	Description	Maximum Marks	Marks Distribution	Supporting Document Required
1	Organization's Financial Strength	The Minimum Average Annual Turnover (MAAT) requirement of the bidder (The Average of Best Three Financial Years out of the Last Five Financial Years preceding to the year of IFB) as indicated in the following Table-(Fin-1) shall not be less than Rs. 9 Crores.	10	<p>The Minimum Average Annual Turnover (MAAT) of the Bidder along with positive net worth in each of the year shall be considered.</p> <p>MAAT above INR 9 Cr and up to INR 15 Cr : <b>6 Marks</b></p> <p>MAAT above INR 15 Cr and up to INR 20 Cr : <b>7 Marks</b></p> <p>MAAT above INR 20 Cr and up to INR 25 Cr : <b>8 Marks</b></p> <p>MAAT above INR 25 Cr</p>	Copy of the audited annual accounts of the company showing turnover of the company for the last Three financial years supported by Chartered Accountant certificate for Net-worth and turnover (MAAT) clearly mentioning the turnover.

Srl. No.	Criteria	Description	Maximum Marks	Marks Distribution	Supporting Document Required
				<b>: 10 Marks</b>	
2	<b>Availability of DGCA Type Certificated Drones</b>	The bidder should have at least 10 DGCA Type Certificated Drones (as required for this project) registered in DigiSky.	10	No of DGCA Type certified Drone Between: 10 to 15 : <b>6 Marks</b> 16 to 20 : <b>7 Marks</b> 21 to 25 : <b>8 Marks</b> More than 25 : <b>10 Marks</b>	Relevant proofs from DGCA / Digital Sky should be submitted.
3	<b>Availability of DGCA certified pilots.</b>	The Bidder must have on its roll at least <b>12</b> DGCA certified pilots.	10	No of DGCA certified Drone Pilot Between: <b>12 to 15 : 6 Marks</b> <b>16 to 20 : 7 Marks</b> <b>21 to 25 : 8 Marks</b> <b>More than 25 : 10 Marks</b>	Relevant proofs from DGCA / Digital Sky should be submitted. Company payslip and employee ID card should be furnished.
4	<b>Prior Experience in executing Drone based inspection or survey</b>	The bidder should have prior experience of executing Drone based inspection/survey Projects in last <b>three</b> years having cumulative work order value not less than <b>2.5</b> Crores.	20	Cumulative work order value Between: <b>2.5 Cr. to 4 Cr. : 12 Marks</b> <b>4 Cr. to 6 Cr. : 14 Marks</b> <b>6 Cr. to 8 Cr. : 16 Marks</b> <b>8 Cr. to 10 Cr. : 18 Marks</b> <b>More than 10 Cr. : 20 Marks</b>  (The cost of the Work Order executed in the state of Odisha or in Transmission utility, shall be considered as 125% of the original WO Value. eg. If an original WO cost is 2Cr. and executed in Odisha/Transmission Sector, then the value of the W.O will	a. Copy of Work order / Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order. b. Certification on client letterhead/ Performance certificate as proof of services provided for the last 3 financial years needs to be submitted c. Submit suitable,



Srl. No.	Criteria	Description	Maximum Marks	Marks Distribution	Supporting Document Required
				be considered as 2.5Cr. and accordingly the marks will be calculated]	verifiable evidence to demonstrate the experience.
5	Demonstration of expertise w.r.t Project Scope	<p>Capturing the RGB/Thermal Images and short videos in line with the project scope of work for particular 5 numbers of towers suggested by OPTCL.</p> <p>Submission of all the photos/videos and analytic reports of the above 5 Towers within 2 working days to OPTCL.</p> <p>Power Point Presentation (PPT) on overall inspection with respect to the scope of work.</p>	30	<p>Minimum Qualifying Mark is: 15</p> <p>Evaluation committee will scrutinize and evaluate.</p>	Submission of all the photos/videos and analytic reports of the above 5 Towers within 2 working days to OPTCL
6	Availability of Electrical Engineers	The Bidder must have on its roll at least 4 Degree Electrical Engineers.	10	1.5 marks for each electrical engineer and 2 Marks for each Electrical Engineers having valid EHT License and maximum total marks for this category will be 10.	<p>a) Relevant proofs from Educational Qualification and Certification.</p> <p>b) Company payslip and employee ID card should be furnished.</p>
7	Availability of DGCA certified	The Bidder having on its roll at least 2 DGCA	3	1 Marks for each DGCA certified Instructor and maximum total	Relevant proofs from DGCA / Digital Sky



Srl. No.	Criteria	Description	Maximum Marks	Marks Distribution	Supporting Document Required
	<b>Instructor.</b>	certified Instructor will be given preference.		marks for this category will be 3.	should be submitted. Company payslip and employee ID card should be furnished.
8	Having Prior experience in Land Scheduling / LIDAR based Survey	Bidder having prior experience in Land Scheduling / LIDAR based Survey will be given preference.	7	For each successfully completed Works will carry 3.5 Marks and maximum marks for this category will be 7.	a) Copy of Work order / Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order. b) Certification on client letterhead/ Performance certificate as proof of services provided for the last 3 financial years needs to be submitted c) Submit suitable, verifiable evidence to demonstrate the experience.

#### Financial Evaluation

1. The Purchaser shall evaluate Price Bids of each Bid for which the Techno-Commercial Proposal has been determined to be responsive.
2. Bidders are allowed to quote +-25% of the estimated project cost, otherwise the price bid will be considered as non-responsive
3. To evaluate a Techno-Commercial Proposal, the Purchaser shall only use all the criteria and methodologies defined above (D.5) and any other approach specified in the bid document.




4. To evaluate a Price Bid, the Purchaser shall consider the following:
- Bid Price quoted in Price Bid Submission Sheet i.e. inclusive of all duties, levies and taxes.
  - Price adjustment for correction of arithmetic errors in accordance with ITB Clause.

#### **D.7 Comparison of Bids**

Price bids of those bidders who qualify the technical evaluation will be opened. A min of 45 mark out of total 80 marks has to be scored to qualify in the technical evaluation. The commercial scores will be calculated as:

$$Fn = Fmin / Fb * 100$$

Where:

(Fn = Normalized financial score of the bidder under consideration

Fb = Evaluated cost for the bidder under consideration

Fmin = Minimum evaluated cost for any bidder

#### **Evaluation of Bid – Final Evaluation**

The overall score will be calculated as follows:

$$\text{Final Score} = 0.70 * Tn + 0.30 * Fn$$

Where:

Tn = Technical score for the bidder under consideration

Fn = Normalized financial score of the bidder under consideration

Note:

- Maximum possible Final Score can be 100. Final Score will be rounded-off to nearest two decimals. For example, 92.326 will be rounded-off to 92.33; 87.584 will be rounded-off to 87.58; 85.665 will be rounded-off to 85.67
- The Bid having highest final score will be termed as highest evaluated bid.
- The Contract shall be awarded to the Bidder with highest Final Score as computed above. In case of a tie between two bids, the Bid with higher Technical Score shall be considered for award of the Contract
- e-Reverse Auction is applicable to this tender. The detail procedures of e-Reverse Auction is available in Section-VII.



