

Tender No : TPSODL/OT/2022-23/024				
Package Name : Rate Contract for GIS Survey and Mapping of Electrical Network & assets				
Reply to Techno Commercial Pre Bid Queries				
Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
1	Pg 1	Earnest Money Deposit (EMD) EMD shall be exempted for MSME registered in the State of Odisha.	We request for exemption of EMD for all MSME companies across India	No change and shall remain same as per Tender Terms and Conditions
2	Pg 6	The quantity mentioned above is for evaluation purpose only and may vary during the execution. Release Orders against this Rate Contract shall be issued by TPSODL as per actual requirement	We request for further clarification on the estimated variation (+/- x % of order value/ line item)	Line item variation of +/- 5%.
3	Pg 8	2. Evaluation Criteria • TPSODL however, reserves right to split the order line item wise and/or quantity wise among more than one Bidder. Hence all bidders are advised to quote their most competitive rates against each line item	We understand that the award would happen division wise and not further line-item wise split within division would happen between various bidders. Kindly clarify.	No change and shall remain same as per Tender Terms and Conditions
4	Pg 13	5.7 Reverse Auctions TPSODL reserves the right to conduct the reverse auction (instead of public opening of price bids) for the products/ services being asked for in the tender	Since this will be open tender, we request for removal of the reverse auction for this bid.	No change and shall remain same as per Tender Terms and Conditions
5		General	We request to add the clause for right to reject any bid which is found to be under-quoted considering the minimum wages and other statutory requirements that the bidder is supposed to fulfil. TPSODL can ask the bidder to submit the breakup/ justification of quoted prices.	No change and shall remain same as per Tender Terms and Conditions
6	Pg 13	TPSODL reserves all the rights to award the contract to one or more bidders so as to meet the delivery requirement or nullify the award decision without assigning any reason thereof.	We understand that the award would happen division wise and not further line-item wise split within division would happen between various bidders. Kindly clarify.	No change and shall remain same as per Tender Terms and Conditions
7	Pg 14	7.2 Payment Terms • The 75% payment shall be released within 45 days from the date of submission of certified bills/invoices. • Payment shall be made based on the actual work done as verified by the TPSODL Nodal officer as well as System-level QC by the Centralized GIS team of TPSODL	We request the payment to be done section wise/subdivision wise on prorata basis for better cash flow with the agency.	No change and shall remain same as per Tender Terms and Conditions
8	Pg 17	7.3 Delivery Terms The delivery terms as mentioned below 33 Kv Network - Field Survey activities, Digitization and/or Migration of data, Asset Sequence generation and painting for data capturing for given area	We request that the delivery terms for painting activity for all network/asset/etc to be given a separate timeline since the same is difficult within the given timeline.	RFP provision prevails
9	Pg 26 / Pg 1	7.4 Warranty Period Warranty of 1 year is applicable for each type of deliverables after acceptance by TPSODL.	We understand that the change management/delta update activities are not to be done and only correction in case of error to be rectified. In case of changes in existing network/consumer or new consumer/etc are not to be captured. Further in case TPSODL wants to have the changes done, the same would be done on billable basis as per mutually agreed rate during that time for the extra work.	No change and shall remain same as per Tender Terms and Conditions
10	Pg 29	4.7 Mobility application for Consumer/Network/Land base Survey Features of Mobile Application: Mobile application should have a capability for the field data collection using mobile devices. This should have a ready to use forms and GIS capabilities which makes a profitable solution for consumer and land base survey. The solution should enable with GIS capabilities of sketching, Viewing of Small world data in GIS, capture data on field using forms and sync the data back to Small world system or Shape format(.shp) as downloadable formats.	Agency to develop and use their mobile app & TPSODL would have no right over the app developed/used. Kindly confirm.	All the application developed & used under this RFP will be property of TPSODL
11	Pg 18	On successful mapping of network assets and consumers same data shall be migrated into GE Small world database (Version 5.2.8 or higher version)	TPSODL to provide the access for updation/migration in electric office software. The agency would be paid in case the delay in migration is not attributable to them.	No access is expected to given to winning BA to electric office software. RFP provision prevails.
12	Pg 28	4.5 Asset Painting	Kindly provide the sample coding for various assets to be used for asset painting. The painting methodology is not provided in the document.	It will be shared with winning bidder at appropriate time.
13	Pg 24 & Pg 40	2 Survey to be carried out as per TPSODL land data model.	Kindly elaborate with the sample data model for better effort estimate.	Data model has been shared
14	Pg 35	Project Timeline: The project shall be completed within 18 months from the date of award of contract and the scope stated below shall be completed & delivered within the mentioned time period. Vendor should deliver complete PSS, 33kV, 11kV, DSS, LT network and consumer mapping along with indexing on weekly basis.	Kindly clarify about the timeline in case of split of work.	Timeline will remain same.
15	Pg 36	Bidder should develop fully equipped offices of at least 5000 square ft area at Berhampur as well as every circle till the end of the project.	We request for requirement of basic office with necessary infrastructure rather than office area since the clause would not be favourable with bidders not having existing office in Berhampur.	RFP provision prevails. However emphasis is on fully equipped office with minimum manpower as indicated under clause no-8 And not area.
16	Pg 36	• Vendor should have minimum manpower strength of 100 resources within TPSODL service area with their own office facilities	The bidder can deploy the manpower based on the requirement of project during the entire cycle. We request you to delete this clause as it would not be favourable with bidders whose headoffice is not based in Berhampur.	Based on the experience and looking at project timeline TPSODL has estimated manpower and office requirement. RFP provision prevails
17	Pg 5	1.3 Calendar of Events (e) Last date and time of receipt of Bids 31.05.2022 up to 15:00 Hours	We request for extension of bid submission date to 25 Jun 2022.	Extended till 15.06.2022
18	Pg 17	Schedule of Items SI No 1.Satellite Image (Resolution 1 m or better)	The requested resolution of the satellite imagery would result in heavy cost. As per our utility experience & also under RAPDRP & IPDS scheme by govt of India, the required resolution for imagery was Smtr. We request for usage of open source imagery viz. Google,bing,etc considering the high cost. We proposed following factors to be considered for your decision: 1. Need for 1 mtr resolution for our application 2. Updation of such high resolution imagery 3. Time period for obtaining the imagery from agencies with all necessary govt approvals. 4. Cost of the imagery	Any open source imagery can be considered for the basemap creation.
19	Pg 17	Schedule of Items SI No 3. Survey and digitization of for settlement area Land base	Kindly provide the details for survey & digitisation of landbase.	Same is mentioned in RFP table no. 9.0
20	Pg 29 & Pg 14 & Pg 35	4.6 Mapping of Service line, Consumer, electrical Meter and consumer indexing While door to door consumer survey is not part of the scope, vendor must develop complete technology platform which includes mobility, web portal, QA/QC tools/modules etc. to enable consumer collection, process the collected data and digitize it as per TPSODL's data model and specifications. 7.2 Payment Terms • The payment shall be raised only after delivery of Feeders which includes the network part, Asset painting and Consumer indexing. Project Timeline Vendor should deliver complete PSS, 33kV, 11kV, DSS, LT network and consumer mapping along with indexing on weekly basis	Kindly clarify whether consumer indexing is part of scope of work. We also request that the payment should be done on line items wise prorata basis for better cash flow. In case the scope for consumer indexing is not part of scope, then the payment terms should be independent of the activity and not related to completion of consumer indexing.	IT is confirmed consumer indexing is part of the scope under this RFP. RFP provisions for payment prevails .

21	Pg 26	Vendor must provide geotagged Images/Video files Collected /generated through 'Drive' or 'Drone' or Physical survey. Also, vendor will submit Good Quality and geotagged photos of each pole, tower & all type of structures along with its associated assets. Proper nomenclature to be followed to easily identify and correlate each photo	The distribution utility GIS survey is primarily done by physical method using mobile/GIS devices which suffice the purpose for various GIS application. The use of drone does help reduce the timeline for survey, but also poses various challenges as follows: 1. High cost 2. Obstructions resulting in loss of data 3. Technology maturity to identify various structures associated with the assets. We request for survey using GIS devices/Mobile application only.	Bidder is free to complete the scope under RFP within the specified timeline by using any method including use of drive through/drone for survey and asset mapping.
22	Pg 18	3.1. Technical Evaluation Criteria Technology for Survey & Digitisation Digitization of Landbase using satellite image 1. Has AI/ML Technology to digitize Landbase: 5 2. Will digitize Landbase manually :3 Survey of Electrical assets: 1. Has technology to do electrical survey using Drive/Drone technology and mobile application: 5 2. Will do manual survey using mobile applications: 2 Digitization of Electrical Assets: 1. Has AI/ML/DL/Image Processing technology to do automatic mapping of Electrical assets:5 2. Will do digitization of electrical assets manually: 2 Has Capabilities in integrating multiple sources of data (drone/drive/photos/survey data) in a consolidated pipeline for ease of network utility detection. Available: 2.5 Has Capability: 1 Has highly accurate location APIs /GPS for smart phones with offline capability. Has capability of developing OCR based mobile application which will work in online and offline, to apply OCR based technology to automatically interpret Meter and Consumer Bill attribute in backend and capable of developing entire technology ecosystem to do consumer indexing Has demonstrated capability: 5	We propose that the scoring in technical criteria for utility experience in GIS survey work should be given more weightage compared to technology score. Currently the marking patterns does not seem favourable for major GIS players in India. The use of technology is appreciated but we understand that very few bidders would have experience in energy utility for using AI/ML for survey work.	All the application developed & used under this RFP will be property of TPSODL
23	Page-29	4.7 Mobility application for Consumer/Network/Land base Survey Mobile application should have a capability for the field data collection using mobile devices. This should have a ready to use forms and GIS capabilities which makes a profitable solution for consumer and land base survey. The solution should enable with GIS capabilities of sketching, Viewing of Small world data in GIS, capture data on field using forms and sync the data back to Small world system or Shape format(.shp) as downloadable formats.	We understood that existing GIS systems is in Small world platform. Is it small world systems has provision to share rest service/map services used as backdrop in mobile application? Implementing Agency has to developed the mobile app which hosted in TPSODL shared infrastructure like DB server , web server and public IP to host in mobile device .please confirm	TPSODL shall provide the WMS layers for mobile application background. Vendor has to integrate with GE small world web application in order to publish the layers.
24	Page-29	4.7 Mobility application for Consumer/Network/Land base Survey capture data on field using forms and sync the data back to Small world system or Shape format(.shp) as downloadable formats	Capture data on field using mobile device should not directly push to the Small world system. What is the validation rule and it's business work flow requested to share with us.	At this instance only shape file should be considered as mobile application output.
25	Page-33	Features for Mobile application 1. Mobile application should have both online and offline data collection provision with TPSODL Data Model. 2. Building, pole and DT data should be available in the background of Mobile application. 3. In no network area, mobile application should have provision to download the Pole and building information for the area in which survey is conducting. 4. Mobile application should fetch Consumer information's according to SC no from FG with validation of respective onsite Meter no or FG Meter no (available in bill). 5. Need to capture Pole no, Meter and Bill Photo. 6. Ensure, no data loss of surveyed data. 7. Surveyor should have access to mention missing buildings and Poles.	Mobile application should have offline data collection provision with Building, pole and DT data should be available in the background of Mobile application. Implementing Agency need to know what is off-line cache tile size in mb /gb?	Map layers can be extended upto 26 zoom levels with standard map tile cache or file size.
26		General: Buildings and Consumer mapping	Please Confirm if we need to capture Buildings at Footprints level and follow up with partitioning the footprint for Individually metered dwelling units supplemented by ground survey. Also please clarify how you perceive linking Multiple Customers (Horizontally and Vertically Located) against a Single Building (like Floor Wise etc).	buildings will be digitized with footprint level. Floor wise linkage of customer in a single building is not part of scope. All the consumers within the footprint will be linked to the same building.
27	Pg 20 Pg 29	4. scope of work The successful Bidder will execute mapping of consumers in co-ordination with the eligible consumer survey vendor	The scope for consumer survey is not clear and needs to be elaborated; There is conflict in clause 4 & clause 4.6 table 16.0	Consumer survey is not part of this RFP. However survey of all meter inside PSS, boundary/DT meter and HT consumers is part of scope of this RFP.
28	Pg 35	4.6 Mapping of Service line, Consumer, electrical Meter and consumer indexing 7. Methodology to create the data: • Obtaining of OCR license will be the responsibility of vendor. • Licencing part and IP rights to be handover to TPSODL.	We request to delete this clause.	RFP provision prevails.
29	#5, page 34 , page 18	The deliverables will be approved after migrating to GE Smallworld database and qualifying Post Migration checks	What is the frequency of migration of database to GE Small World? Is there a possibility of GE Small world data spec change during project execution phase? What is the expected feedback time from date of delivery to feedback on success of delivered data integration ? (Request a 3 business days feedback to mitigate any spillover of errors from subsequent deliveries until feedback)	1. Data will be migrated into production environment on weekly basis after validation in development environment. 2. Data specification will remain same during project execution. 3. Feedback will be given within 7 days of data delivery. Bidder must resolve all the feedbacks given by TPSODL within next 3 days.
30	#6, page 34	"The scope of work also includes post survey updating of the time-to-time changes in network element(s) till the migration of the validated data to GIS database."	What is the frequency and volume of changes expected? - Asset Mapping - Consumer Indexing (Suggested 6 months frequency) - Asset painting What is the expected timeline of communication of change in network elements? What is the acceptance criteria as per percentage of migration and integration of delivered database into GE Small World?	1. Minor changes might be happened on weekly basis in network as well as consumer data. 2. Changes in network & consumer will be informed weekly basis. 3. Feeder wise data will be accepted after successful migration of 100 % data into GE smallworld.
31	#8, page 36,point 2	Vendor should have minimum manpower strength of 100 resources within TPSODL service area with their own office facilities.	A strength of 50 resources should be enough to execute the project at TPSODL service area	RFP provision prevails.
32	#8, page 36,point 8	Bidder should develop fully equipped offices of at least 5000 square ft area at Berhampur as well as every circle till the end of the project	AIML technology needs area of excellent bandwidth internet connection along with safe and secured access to server. Request to keep this clause optional .	refer to SI no-15(Ceinsys)
33	#8, page 36,point 3	Project shall be executed within TPSODL project site and service area only.	The project has substantial backend work in terms of AIML implementation which needs to be executed from HERE location itself.	RFP clause prevails. However works related to AI/ML may be performed in back office only.

34	#7.4, page 15	Warranty of 1 year is applicable for each type of deliverables after acceptance by TPSODL.	What is covered in Warranty Period of 1 year? Clarity needed on frequency of changes within warranty period .	No change and shall remain same as per Tender Terms and Conditions
35	#41., page 24, point 2	Land base to be captured and digitized as per data model and specifications of TPSODL	The land base features shared requires substantial time increase and is not possible to be done within given timeframe. Current data model is not in line with RFP requirement. There is 1700% increase of features as compared to PoC and is either conflicting with PI law, or directs to creation of digital twin (deviation from asset alignment mapping)	RFP clause prevails..
36	#41., page 24, table 12.0, point 2	Survey to be carried out as per TPSODL land data model.	Not feasible with provided data model specification	RFP clause prevails..
37	#9, page 37	Deployment of manpower by Vendor: • The vendor will deploy following manpower to execute the project	Request to allow different project structure in alignment with technology to be deployed and used	RFP clause prevails..
38	#41., page 24, table 12.0, point 4	Final surveyed data to be delivered /updated as per TPSODL data model and digitization specifications in compliance for data migration.	Is there a possibility of data model or schema change during execution of project? What will be the acceptance criteria in this scenario? What will happen to previous or WIP (above 80% completed deliveries) in this scenario	Data model will remain same during execution of project. However any changes required to address GE Smallworld database compatibility, minor changes may be expected. The acceptance criteria shall be aligned with new minor changes. The accepted data will be modified as per new data model changes
39	ANNEXURE II/4. Scope of Work/ 4.7/D/ page31	License Management	What is license. What kind of license management is required	The developed mobile application is license dependent then it would apply.
40	ANNEXURE II/4. Scope of Work/ 4.7/ page30	Support for WMS/WFS/WMTS for TPSODL Landbase map and Electric data from Geo-server or GE Smallworld or any other map tile server source.	Need clarity. Is the requirement of integrating WMS/WFS/WMTS from GE Small world into android app?	Yes, GE web application has a capability of generating WMS tiles which can be consumed in mobile application. In case of intigration failure vendor has to provide alternative solution.
41	ANNEXURE II/5. Data QC/QA / page34	Tool for quality and review mechanism of data. GE compatibility quality checks shall be shared by TPSODL incorporate in their QC/QA/Digitisation platform for data integrity.	Is there a requirement of customized tool for final database check or will it be carried out in standard gis software like ArcGIS/QGIS	GE compatibility quality checks may not be available in standard GIS software .vendor has to customize it as per the checklist provided by TPSODL
42	ANNEXURE II/4. Scope of Work/ 4.7/ page29	Application should support to capture current location/Live location co-ordinates for no- network coverage areas also	Need clarity on live location term. (In place of no network coverage, relaying live location back to web admin portal is not possible)	This will be discussed and finalized during requirement gathering process.
43	ANNEXURE II/4. Scope of Work/ 4.7/ page30	Application should support both Android/iOS mobiles	What is the need for IOS since the surveyors majorly were seen to have android. In case IOS is supported, the technical queries on picture quality stands invalid	This will be discussed and finalized during requirement gathering process.
44	ANNEXURE II/4. Scope of Work/ 4.7/ page30	Direct import/export to Local/Remote/FTP location in .shp, kml, kmz, json, xlsx, csv formats.	Need clarity on the requirement. Is the requirement to import from mobile app ? Will mobile edit sync in bakend with database work as an alternate? Kml and kmz are used by google earth and is google format and cannot be supported	Any of 3 formats except KML should be configured in mobile application either for import/export
45	ANNEXURE II/4. Scope of Work/ 4.7/ page30	Mobile Base Map: Google Map, Bing Maps, Open Street Maps, Map box	Please include HERE mps also as an option .	Can be decided after checking compatibility.
46	ANNEXURE II/4. Scope of Work/ 4.7/ page30	Capabilities of Geolocate/Geofencing photos, videos and audio.	Need clarity. Geolocate is a separate tehniqe as compared to geofencing. Is geofencing required for photos and audio and video?	All deliverable media files must come with geo tagged .
47	ANNEXURE II/4. Scope of Work/ 4.7/H/ page32	Capture information like signature, barcode, GPS location and photo	Do we need to give barcode scanner and for signature do we need to provide white board?	Query is not cleared. Our purpose is to capture signature of surveyor, photo & location from where the surveyor collected the asset.
48	ANNEXURE II/4. Scope of Work/ 4.7/I/ page33/ Table 17.0 - Point 3	In no network area, mobile application should have provision to download the Pole and building information for the area in which survey is conducting	Offline functionality for base map download prior to start of the survey.However , it will impact the phone memory and performance and may result in early shutdown of the phone, especially in low end smart phone. (Provided minimum spec for android needs to be followed to avoid this potential challenge)	Mobile must be highly configured for running this type of application smoothly.Consumer survey vendor already instructed through RFP to carry out high configuration mobile to perform this activity which will address the mentioned query
49	Table 11.0, Sr. No. 6, Page 24	DTM or contour map	DTM is bare earth model, do you mean DSM/DEM? and what resolution? why is it required?	DTM & DSM directly linked with procurement of satellite map. This can be configured in GE Smallworld using map services with 20m interval. 3D terrian models are used for easier understanding of terrain condition on hill areas, uneven slopes, costal location to carry out network planning.
50	Table 11.0, Sr. No. 7, Page 24	Elephant Corridor Map	Will be based on WII/WTI or any other govt osource with a data latency of minimum 1yr.	Can be collect from forest department with TPSODL consultation.
51	4.1, Point 2, Page 24// Table 12.0, Sr. No. 2, Page 24	Land base to be captured and digitized as per data model and specifications of TPSODL// Survey to be carried out as per TPSODL land data model.	Detailed description and definition of TPSODL Land data model/land base features	Land data model already shared with the purchaser.
52	Table 13.0, Sr. No. 3-7, Page 25-26	Vendor must create detail electrical drawing of Switchyard and control room as per specifications given by TPSODL	Training required for electrical drawing, what would be the output format? Autocad & PDF or shapefile as well for switchyard and control room? Need more clarity on Extent, Layout and Internal layout of PSS and their respective output format	Training will be provided for PSS Survey & mapping by TPSODL. Output format of PSS drawing will be Autocad, ESRI shape & PDF .
53	Table 13.0, Sr. No. 4, Page 26	Direction of 33 kV & 11 kV feeders	what is the meaning of direction in PSS Drawing, need more clarity	Flow direction of PSS must be created as per geographical location. View of SLD must be matched as ground reality .
54	Table 14.0, Sr. No. 5, Page 27	Vendor must validate & approve the cable/conductor size	Not possible from image, video technology. Request to keep this requirement as optional and not a mandatory attribute	RFP clause prevails.
55	Table 14.0, Sr. No. 11, Page 27	Capture HT consumers, Boundary meter and deliver to TPSODL	Need more clarity on who are HT consumers and what is boundary meter	HT consumer is the consumer which have supply voltage 11 KV & 33 KV. Boundary meter is placed at crossover point of different geographic jurisdiction of a particular feeder. It can be either Section, subdivision division or circle.
56	Table 16.0, Sr. No. 3, Page 29	Consumer mapped to correct building, consumer connected to right pole and transformer, consumer & service cable digitized in ESRI .shp format as per TPSODL data model and specifications and make it ready for migration to TPSODL's main GIS system. Deliverable layers are: a) Service Cable b) Service Point c) Consumer Meter Consumer Meter should have relation with its respective Service cable & service point.	What is the difference & relationship b/w service point and consumer meter?	Service point is the virtual object which has to be placed in the building.This will be used to associated one or multiple consumer meters within the building with unique identifier. The same unique id will be maintained in Consumer meter also to establish relationship.
57	Section 6, point 5, page 34	The scope of work also includes post survey updating of the time-to-time changes in network element(s) till the migration of the validated data to GIS database	What kind of GIS/spatial database is required? ESRI FGDB or just shapefiles?	RFP clause prevails.
58	Pg. 27, Table 14, Sr. No. 5	Vendor must validate & approve the cable/conductor size of each 11kV & 33kV feeder from the respective section head/Sub-Division head of TPSODL and submit the approved copy to TPSODL GIS team.	In video/ images it will not be feasible to detect the size using AI/ML as market do not possess this capability. Request to keep this requirement as optional and not a mandatory attribute. Additionally what is the format of the approved copy to be submitted to TPSODL? Is it SLD/shapefile/anything else	RFP clause prevails.
59	Pg. 28, Table 15, Sr. No. 2	If two transformers share common switching and protection system on HT side, then vendor must create drawing of such scenario and take its photos, rename the photo as Common_Switching_Transformer_UniqueID.	Need for clarity on the objects and its position and frequency of occurrence as it is required for AI/ML	Sample photo will be provided by TPSODL for each scenario . Frequency of occurrence is less than 2%

60	Page 19, Table 7, Sr No. 7	Has highly accurate location APIs /GPS for smart phones with offline capability. Has capability of developing OCR based mobile application which will work in online and offline, to apply OCR based technology to automatically interpret Meter and Consumer Bill attribute in backend and capable of developing entire technology ecosystem to do consumer indexing	Android devices need to meet minimum specification Image must be of high resolution List of meters that have highest distribution across Orissa for OCR training List of process that surveyor needs to follow: Data which need to be extract must be clearly visible Avoid capturing void part (scene other than meter) Capture Image from front view instead of side or other view Avoid reflection on meter Zoom in view of meter will be preferable Images to be captured after removing the meter cover for better visibility Images to be captured with stable hands to prevent bluriness/shakiness	All the process you have mentioned have already been taken care by TPSODL for consumer survey vendor.
61	page 43, table 24.0, Section 10 : SLA and Penalty	Count of 11kV poles 99 % poles should be captured , Positional accuracy of poles 99%	Suggested criteria : 95% Cost of quality as well as cost of computation in training the AI model will be high in case of achieving close to six sigma defect rate	RFP clause prevails.
62	NIT No.: TPSODL/OT/22-23/024-ANNEXURE I Schedule of Items/SLNO.3/Page no:17	Survey and digitization of for settlement area Land base	For this item of works, The supply of Imagery was not included in the item of works. For the Land base preparation in the urban areas, Drone Imageries with resolution ranging from 2 to 5 centimeters may be required for better quality. Please clarify.	Drone images not required. Bidder must make vector digitization using any satellite image/ other source of land features .
63	NIT No.: TPSODL/OT/22-23/024-4.6 Mapping of Service line, Consumer, electrical Meter and consumer indexing/Page no:29	While door to door consumer survey is not part of the scope, vendor must develop complete technology platform which includes mobility, web portal, QA/QC tools/modules etc. to enable consumer collection, process the collected data and digitize it as per TPSODL's data model and specifications. Note: Field activities for Consumer Survey are not part of the Scope under this RFP.	We presume that,The Pole wise customer data will be supplied by the Bidder. The Vendor responsibility is to link the Consumer with the Electrical network assets. Please clarify	Yes, pole wise customer data will be supplied by the consumer survey bidder. Bidder has to create consumer indexing data and submit for migration.
64	Annexure I Schedule of Items Pg. No (17)	The quantity mentioned above is for evaluation purpose only and may vary during the execution. Release Orders against this Rate Contract shall be issued by TPSODL as per actual requirement.	We presume that the total cost of the project will be based on the actual quantity of each line item at the time of project execution.	No change, terms and conditions shall remain same as per tender document.
65		1.7 Qualification Criteria The Bidder must have experience in successfully completing Utility Survey & data processing work using Artificial Intelligence/Machine Language/PDA/Digital data collection devices/method in the last 7 years(as on 31st March 2022).	We would like to request you to amend the qualification criteria for better and competitive participation " The Bidder must have experience in successfully completing Utility Survey & data processing work using DGPS/GPS in the last 7 years(as on 31st March 2022).	Digital data collection devices term include DGPS/GPS methodology.
66		Warranty of 1 year is applicable for each type of deliverables after acceptance by TPSODL	What is warranty, as per the scope of work it is only survey & mapping? Do we have do survey incremental changes of the data? If yes please provide separate line item to quote for that	No change and shall remain same as per Tender Terms and Conditions
67	Schedule of Items SI No 1	Satellite Image (Resolution 1 m or better	As procurement of satellite Imagery of 1m resolution of this huge qty will incur lots of cost, in other power utility due to technological advancement API based satellite imagery (like Google, Bing, OSM data is being utilized as there is regular updation of the satellite imagery are provided based on updation, therefore to reduce the cost we would suggest TPSODL to allow bidders to digitize basemap on freeware satellite imagery like Google, Bing, OSM, as the same API can be integrated in the GIS Application and huge cost on procurement of one time static satellite imagery may not be required considering above solution and TPSODL can reduce the cost of project by huge margin. This is for your kind perusal	Any open source can be considered for the basemap creation on the failure of satellite image approval.
68	Schedule of Items SI No 2.	Digitization of land use using Satellite Image, SOI data and another source	Who will provide the Satellite Imagery, SOI data? We would like to inform you that this data are to be procured from Govt. dept and can involve lot of time, as per the timeline mentioned as per the tender it is difficult to achieve the timeline, we would request the dept to provide the primary source of data and also please explain the details of landuse to be digitized?	Any open source can be considered for the basemap creation on the failure of satellite image approval. Data model has been shared.
69		Vendor must provide geotagged Images/Video files Collected /generated through 'Drive' or 'Drone' or Physical survey. Also, vendor will submit Good Quality and geotagged photos of each pole, tower & all type of structures along with its associated assets. Proper nomenclature to be followed to easily identify and correlate each photo	In Indian Utility it is generally found banners/hoarding/advertisement on poles, How to drone/drive automatically identify poles if there are obstruction ?? As per our experience 30 to 40% of the poles are covered with Advertisement, There will be loss of information. And error, who will take the responsibility of the missing/false data collected through drone/drive technology	RFP Clause prevails.
70		Vendor must provide geotagged Images/Video files Collected /generated through 'Drive' or 'Drone' or Physical survey. Also, vendor will submit Good Quality and geotagged photos of each pole, tower & all type of structures along with its associated assets. Proper nomenclature to be followed to easily identify and correlate each photo.	How drone/drive identify and collect attributes, As per our experience in similar field it is difficult from naked eye to identify the required data of conductor and while digitizing AI/ML may provide false interpreted data. ? Please explain the methodology of the entire process.	RFP Clause prevails.
71	Schedule of Items SI No 3	Survey and digitization of for settlement area Land base	Please provide detail of what in landbase to be digitized and surveyed, it is required for estimation?	Data model has been shared
72	Schedule of Items SI No 9	Mapping of Service line, Consumer, electrical Meter and consumer indexing Schedule of Items	What is the actual scope of work in this lineitem needed to be understood, please provide input on the methodology on how do we have to do the mapping?	Pole wise customer data will be supplied by the consumer survey bidder. Bidder has to create consumer indexing data and submit for migration.
73	Schedule of Items SI No 9	Mapping of Service line, Consumer, electrical Meter and consumer indexing Schedule of Items	Do we have to any consumer survey as per the scope of work ? Please explain	Consumer survey is not part of this RFP. However survey of HT consumers is part of scope of this RFP.
74	Schedule of Items SI No 10	Mobility application for consumer/Network/Land base Survey/Asset Painting	Do we have to develop web & Mobile application for survey & Mapping of network assets kindly confirm? deliver the Mobility application to TPSODL, kindly Confirm	All the application developed & used under this RFP will be property of TPSODL
75	Schedule of Items SI No 10	Mobility application for consumer/Network/Land base Survey/Asset Painting	Do we have to deliver the Mobility application to TPSODL, kindly Confirm	All the application developed & used under this RFP will be property of TPSODL
76	Bid Evaluation Criteria	Technical Evaluation	As the tender is related to survey and mapping there is no such evaluation criteria to identify experienced bidder based on total quantum of work for survey of HT , LT line survey, Base map preparation, manpower on payroll etc. . Whereas if we go in details it is moreover concentrated on experience in new technology in power distribution in India, Majority of marking are providing for AI/ML/Drone drive. Actually as per the power distribution of India these technology is now where utilized widely across India. We would request you to amend the marking structure giving equal marking for bidders having experience in conventional method applied for the last ten years.	RFP Clause prevails.
77		Project Management Explained and elaborated project management plan in details as mentioned under section 'Project Management Activity' 1 mark for each document: Maximum Marks 10	What kind of document is expected to identify project management , please provide a brief of the same.	Detail requirements are mentioned under RFP in Table 20.0

78		Technology for Survey & Digitisation Digitization of Landbase using satellite image 1.Has AI/ML Technology to digitize Landbase: 5 2.Will digitize Landbase manually :3	Please provide proper definition of AI/ML technology to digitize landbase, As per our experience in similar field it is difficult from naked eye to identify satellite imagery landbase features while digitizing and further to that the same land base map requires ground truthing to collect attribute and finalize data. It is suggested that AI/ML may provide false interpreted data. We would request you to provide equal marking.	RFP Clause prevails.
79		Technology for Survey & Digitisation Digitization of Landbase using satellite image 1.Has AI/ML Technology to digitize Landbase: 5 2.Will digitize Landbase manually :3	Who will take responsibility of the quality of data if digitized through AI/ML technology if all features of the satellite imagery not identified.	Bidder will responsible
80		Technology for Survey & Digitisation Digitization of Landbase using satellite image 1.Has AI/ML Technology to digitize Landbase: 5 2.Will digitize Landbase manually :3	There are more marking for "Has AI/ML Technology , if any bidder has AI/ML technology they will be awarded by more marks , does this confirms that that bidder having AI/ML technology will use AI/ML technology for digitization , how will TPSODL identify if the digitization has been done using AI/ML technology.	Bidder need to provide certified document of implimentation or pilot of any electrical project through AI/ML/DL/Image Processing technology.
81		Technology for Survey & Digitisation Survey of Electrical assets: 1.Has technology to do electrical survey using Drive/Drone technology and mobile application: 5 2.Will do manual survey using mobile applications: 2	There are more marking for "Has Drive/Drone Technology , if any bidder has Drive/Drone technology they will be awarded by more marks , does this confirms that that bidder having Drive/Drone technology will use Drive/Drone technology for Survey Plz confirm, how will TPSODL identify if the Survey has been done using Drive/Drone technology.	Bidder need to provide certified document of implimentation or pilot of any electrical project through Drive/Drone technology and mobile application.
82		Technology for Survey & Digitisation Survey of Electrical assets: 1.Has technology to do electrical survey using Drive/Drone technology and mobile application: 5 2.Will do manual survey using mobile applications: 2	Who will take responsibility of the quality of data if if the Survey has been done using Drive/Drone technology.	Bidder will responsible.
83		Technology for Survey & Digitisation Digitization of Electrical Assets: 1.Has AI/ML/DL/Image Processing technology to do automatic mapping of Electrical assets:5 2.Will do digitization of electrical assets manually: 2	Please provide proper definition of AI/ML/DL/Image Processing technology to digitize, As per our huge experience in similar field manpower with huge experience in Electric GIS field it is difficult to prepare SLD while digitizing and further to that it will need human interpretation in defining the electric network. We would request you to remove the clause for marking as this criteria for marking is not relevant.	RFP Clause prevails.
84		Technology for Survey & Digitisation Digitization of Electrical Assets: 1.Has AI/ML/DL/Image Processing technology to do automatic mapping of Electrical assets:5 2.Will do digitization of electrical assets manually: 2	Who will take responsibility of the quality of data if if the digitization has been done using technology.	Bidder will responsible
85		Technology for Survey & Digitisation Digitization of Electrical Assets: 1.Has AI/ML/DL/Image Processing technology to do automatic mapping of Electrical assets:5 2.Will do digitization of electrical assets manually: 2	There are more marking for "Has AI/ML /DL/Image Processing Technology , if any bidder has AI/ML /DL/Image Processing Technology technology they will be awarded by more marks , does this confirms that that bidder having technology will use AI/ML technology for digitization , how will TPSODL identify if the digitization has been done using AI/ML technology..	RFP Clause prevails.
86		Technology for Survey & Digitisation Has highly accurate location APIs /GPS for smart phones with offline capability. Has capability of developing OCR based mobile application which will work in online and offline, to apply OCR based technology to automatically interpret Meter and Consumer Bill attribute in backend and capable of developing entire technology ecosystem to do consumer indexing Has demonstrated capability: 5 Has not demonstrated but has capability:2	Is there any scope of OCR based mobile application delivery in the tender , if no then how this eligibility in marking is relevant to this tender. Please explain	OCR bases mobile application is in the scope.
87		4.2 Survey and mapping of 33kV/11kV Primary Substation (PSS)	How do we survey PSS using drone/drive technology and AI/ML technology for auto digitization of gis based PSS? Kindly confirm	PSS may be surveyed manually with mobile application.
88		Award Decision	We would request you to kindly award the work to multiple vendor for achieving the short timeline as per the project sizing.	No change and shall remain same as per Tender Terms and Conditions
89		Due Date for Bid Submission: 31.05.2022; 15:00 Hours	We would request you to extend the bid submission date by minimum 2 weeks from the date of publishing of reply of prebid queries.	Extended up to 15.06.2022
90	Payment Terms	<ul style="list-style-type: none"> On Delivery of work and certification of acceptance by TPSODL, Vendor shall submit the Bill/Invoices in original in the name of TPSODL. The 75% payment shall be released within 45 days from the date of submission of certified bills/invoices. Payment shall be made based on the actual work done as verified by the TPSODL Nodal officer as well as System-level QC by the Centralized GIS team of TPSODL. Payment shall be done separately for each phase. Balance 20% shall be released after the successful migration of data to the system. Retention: 5% of the gross value of each Running Account shall be retained as retention money. The retention money shall be released after satisfactory completion of defect liability period of one year from the date of submission of invoice/bill. Delivery after completion timeline shall be liable to a penalty as mentioned in SLA. Maximum Penalty shall be 10% of the value of the respective item However, the payment release schedule shall be discussed with the successful bidder and will be approved by TPSODL. The payment shall be raised only after delivery of Feeders which includes the network part, Asset painting and Consumer indexing. 	<p>The existing payment is related to the successful performance of Consumer survey vendor and data to be provided by consumer vendor.</p> <p>As per the existing criteria invoice can only be raised after consumer indexing , we would request you to revise the payment clause.</p>	No change, terms and conditons shall remain same as per tender document
91	RFP Pg 23, of 50	Division wise quantities given in Table 10.0	We seek review of Division wise data, as the total summation does not match. Please review. The details are vital fro detailed resource wise time line planning and estimation. Please share revised details	Please consider the division wise data. We will share the correct summation.
92	RFP Pg 13 of 50	TPSODL reserves all the rights to award the contract to one or more bidders so as to meet the delivery requirement or nullify the award decision without assigning any reason thereof.	We seek confirmation on Multi Vendor Award. If the work is awarded to multiple vendors what is the minimum and maximum work that can be awarded to a single vendor Please clarify.	RFP Clause Prevails.
93	RFP Pg 14 of 50	Business Associate (BA) shall submit applicable Performance Bank Guarantee as per GCC within 30 days of issuance of Rate Contract. PBG applicable shall be 5% of Order Value. PBG submitted, shall be released after completion of applicable guarantee period plus one month.	We understand that for every Purchase order, Supplier has to provide with (i) PBG @ 5% of Contract value + (ii) 5% shall be retained for all running bills. Thus a total of 10% shall be blocked/held as Performance Security Please confirm.	No change and shall remain same as per Tender Terms and Conditions
94	RFP Pg 14 of 50	Retention: 5% of the gross value of each Running Account shall be retained as retention money. The retention money shall be released after satisfactory completion of defect liability period of one year from the date of submission of invoice/bill.	We understand that the delay penalty shall be applicable for line item wise part delayed and not on whole PO, please confirm.	RFP Clause Prevails.
95	RFP Pg 14 of 50	Delivery after completion timeline shall be liable to a penalty as mentioned in SLA. Maximum Penalty shall be 10% of the value of the respective item However, the payment release schedule shall be discussed with the successful bidder and will be approved by TPSODL.	We seek revision of max. delay penalty to not more than 5%.	RFP Clause Prevails.
96	RFP Pg 14 of 50	Business Associate (BA) shall submit applicable Performance Bank Guarantee as per GCC within 30 days of issuance of Rate Contract. PBG applicable shall be 5% of Order Value. PBG submitted, shall be released after completion of applicable guarantee period plus one month.	We seek clarity on Warranty period viz a vis PBG release duration. Please clarify.	No change and shall remain same as per Tender Terms and Conditions
97	RFP Pg 15 of 50	Warranty of 1 year is applicable for each type of deliverables after acceptance by TPSODL		
98	RFP Pg 17 of 50	Line Items	Migration of Survey + Digitized data to Small World is not part of current Scope. Bidder will provide data in Shp/Geodatabase compatible for migration to TPSODL	Migration to GE SW is not part of scope. But delivered data must be compatible to GE SW database.
99	RFP Pg 24 of 50	Point 4: Final surveyed data to be delivered /updated as per TPSODL data model and digitization specifications in compliance for data migration.		

100	RFP Pg 24 of 50	1. Land base shall be created using ortho rectified satellite image of resolution 1m or better. Vendor must arrange the satellite image and will be responsible for complying to all formalities required.	We understand that TPSODL shall provide with necessary permissions and undertakings sought by Govt. Agencies/Statutory Agencies for sourcing the required satellite data. Please confirm.	It is the responsibility of the bidder to collect the necessary approval.
101	RFP Pg 24 of 50	1. Land base shall be created using ortho rectified satellite image of resolution 1m or better. Vendor must arrange the satellite image and will be responsible for complying to all formalities required.	We seek suggestion / reference for Satellite Imagery product to be preferred/opted for the said project.	Any open source imagery can be considered for the basemap creation on the failure of satellite image approval.
102	RFP Pg 24 of 50	1. Land base shall be created using ortho rectified satellite image of resolution 1m or better. Vendor must arrange the satellite image and will be responsible for complying to all formalities required.	Also we seek delay indemnity for any delay attributed on account of supply/quality of Satellite Imagery Data via Govt Agency. The same shall be discounted from overall project time line and bidder shall not be liable for any penalty deduction. Please confirm.	Bidder can use any open source imagery for the basemap creation on the failure of satellite image approval. Project time line will not change for any delay of sources.
103	RFP Pg 24 of 50	Table – 12.0 : Data should be digitized as per TPSODL specified co-ordinate /projection system.	We seek details for Coordinate /Projection System. Also in case of requirement of conducting Ground Control Point (GCP) survey for Satellite Imagery referencing/ortho correction, we understand that TPSODL shall provide with source / reference Control Point details (locations + Parameters) Please confirm.	We will share digitisation document for more detail about the projection system.
104	RFP Pg 25 of 50	Table 13: All points	The Survey directive and data requirement call for Close proximity with Charged Electrical Devices/Equipment's. We understand that TPSODL will provide with appropriate Supervision, Support and Shut Down during the survey work.	TPSODL will validate the request and provide support if TPSODL feels it is required.
105	Page 27 of 50	Table 15: All points	This will be essential for safety and clarity of input data collection during survey. Please confirm.	Bidder must follow TPSODL safety guidelines.
106	Pg 28 of 50	1.Vendor should start asset painting prior or immediately after HT/LT network survey as per TPSODL asset painting methodology which will be shared by TPSODL	We understand that given geographical extend, the Asset Painting work can only start post survey of Network and Landbase data. Please confirm.	Bidder should start asset painting prior or immediately after HT/LT network survey as per TPSODL asset painting methodology which will be shared by TPSODL
107	Pg 28 of 50	4.Vendor should deliver pole/asset painting code vs GIS ID of every painting assets as per TPSODL painting methodology.	We seek details on asset codification and painting methodology. A detailed methodology with sample snap shot is requested. Please suggest.	Codification document will be shared to successful bidder.
108	Pg 28 of 50	Consumer mapped to correct building, consumer connected to right pole and transformer, consumer & service cable digitized in ESRI .shp format as per TPSODL data model and specifications and make it ready for migration to TPSODL's main GIS system.	We seek details for data mapping and representation of Consumer Meter and connection points in Single Dwelling and Multi Dwelling unit represented by Single Building Point.	Multiple consumer meter must be plotted in asingle building.
108		Consumer Meter should have relation with its respective Service cable & service point.		
109	Pg 28 of 50	All Sections	We understand that this phase input is completely dependent on Consumer Survey work, which shall be taken up as separate scope. Please confirm	Door to door consumer survey is not part of the scope, but mapping of Service line, Consumer, electrical Meter and consumer indexing is in part of scope
110	Pg 29-32 of 50	All Sections	We understand that the proposed Mobility Application shall be developed in phased manner. The functionalities / module development shall be aligned with different project activities required at different stages please confirm.	RFP Clause Prevails.
111	Pg 29-32 of 50	All Sections	We understand that TPSODL shall provide with necessary hardware/software/datacenter / infrastructure for testing and deployment of the proposed application. Please confirm.	It is the responsibility of the bidder .
112	Pg 29-32 of 50	All Sections	We understand this Mobility application is not required for Consumer Survey, indicated as sperate scope in this work order. Please clarify and confirm.	Yes, app required for consumer survey will not be developed by bidder.
113	Pg 29-32 of 50	All Sections	We understand that this application can be created using OpenSource Technologies. Please confirm	Bidder can develop this application using any technology.
113			Or if there is any technology/Software Platform Preference please specify.	
114	Pg 40 of 50	30 How to ensure only good quality and geo tagged photos are captured for meter and bill which can be identified using OCR	We seek copies of different types of bills that are printed and distributed within TPSODL license area.	TPSODL shall arrange the required photos.
115	Pg 40 of 50	32.How correct pole will be identified from which consumer meter is connected?		It is responsibility of the bidder to plot consumer with right pole and building from consumer surveyed data.
116	Pg 40 of 50	33 How consumer will be placed in correct building on map?	We understand that this will be addressed by Survey Project. Please advise.	It is responsibility of the bidder to plot consumer with right pole and building from consumer surveyed data.
117	Pg 40 of 50	35 How vendor will report the details of consumers found without meter / bill or both.		It is responsibility of the bidder to plot consumer with right pole and building from consumer surveyed data.
118	RFP Page 5 of 50	Last date and time of receipt of Bids	We seek bid submission timeline extension by at least 10 working days from the date of final clarification. Please consider.	TPSODL shall notify the timeline extension if required.
119	Page No : 2	EMD is exempted for MSMEs registered in the State of Odisha. ** MSMEs registered in the State of Odisha shall pay tender fee of Rs. 1,000/- including GST.	We would request you to kindly accept and honour MSME certificate issued by other states as for all state MSME criteria are the same.	No change and shall remain same as per Tender Terms and Conditions
120	Page No : 26	Vendor must provide geotagged Images/Video files Collected /generated through 'Drive' or 'Drone' or Physical survey. Also, vendor will submit Good Quality and geotagged photos of each pole, tower & all type of structures along with its associated assets.	With huge experience in our belt RAofPDRP & IPDS projects identifying poles/structure/conductors through drone and drive is of high risk as we understand that the project timeline can only be achieved by use of technology , but data will false misinterpret. using conventional method should be promoted to collect exact data, we would request you kindly revise the methodology through DGPS/GPS/Mobile application only.	Bidder can use DGPS/GPS/Mobile application etc for collection of data in addition or as and when required
121	Page No 57	4.1 Survey and mapping of 33 kV and 11kV Network	What kind of technology/process to be used to survey and mapping ? Please confirm	RFP Clause prevails.
122	Page no 6	Vendor must provide their Field and desktop QC report to TPSODL GIS team as deliverables.	How AI/ML technology will do the QC. As we understand that field team need to visit ground to do QC, then what is the utility of drive/drone technology? Please clarify	TPSODL will follow its own methodology of QC for correctness of data and missing features if any.
123	Page No 14	Reverse Auctions	Kindly confirm will there be a reverse bidding as in the tender ?	No change and shall remain same as per Tender Terms and Conditions
124	Page No 14	5.5 Award Decision	We would request you to award the work to multiple vendor to reach the timeline? Kindly confirm	No change and shall remain same as per Tender Terms and Conditions
125	Page No 19	3. BID Evaluation Criteria	The entire evaluation criteria is majorly focussed on whether the bidder has AI/ML and Drone/Drive technology ? Wheres we would request you to revise the entire marking criteria on bidders having experience of work in indian utility with similar power utility projects to validate the real time experience of the AI/ML and Drone/Drive technology, Documentary proof of actual work executed through these technology can only substantiate the capability of bidders, and marking to be awarded based on work executed rather than only having the AI/ML and Drone/Drive technology.	Considering the large volume of area and limited timeline, TPSODL emphasize the intervention of technology for this project to achieve TPSODL bussiness objective. However, RFP is not emphasizing only for technology.
125		The bid evaluation criteria have been finalized on basis of technical evaluation and commercial evaluation.		
125			As per the marking criteria it is difficult for any bidder who is not proposing AI/ML, drone/drive technology to score the minimum marks if any.	
126	Generic Query	(e) Last date and time of receipt of Bids 31.05.2022 up to 15:00 Hrs	We would request you for atleast 15 days for submission of Bid from the date of posting of replies of	Extended up to 15.06.2022
127	Generic query	FIRST PART: "EMD"	Please allow us 3 days for submission of hardcopy of EMD from the last date of submission of bid.	OK Note but you can send the scan copy

128	Page no 37	Onsite project manager must have at least +15 years of experience in electrical utility projects and team leader must have +5 years of experience in man power handling of electrical project.	We would request you to kindly reduce the experience to 8+ years of experience as this project is related to survey & mapping?	RFP Clause prevails.
129	Page no 7	The Bidder (Prime) should have an average annual turnover over of Rs. 30 Crore in any three financial years i.e., FY 2017-18, FY: 2018-2019, FY: 2019-2020, FY: 2020-2021.	As there is a possibility to award the work to multiple vendor in that scenario we would request you to reduce the criteria to Cumulative total turnover of Rs 30 Crore in any three financial year, as your requirement of turnover compared to project value is very high., It is difficult for such high turnover for GIS survey mapping bidder.	No change and shall remain same as per Tender Terms and Conditions
130	Page no 37	Vendor should have minimum manpower strength of 100 resources within TPSODL service area with their own office facilities	depending upon the quantum of work manpower to be deployed, bidders having permanent office at behampore will only have this manpower, we request you to kindly remove the clause.	RFP Clause prevails.
131	Page no 37	Bidder should develop fully equipped offices of at least 5000 square ft area at Behampur as well as every circle till the end of the project.	depending upon the work , bidders having permanent office at behampore will only have it, we request you to kindly remove the clause.	RFP Clause prevails.
132		<p>7.2 Payment Terms</p> <ul style="list-style-type: none"> On Delivery of work and certification of acceptance by TPSODL, Vendor shall submit the Bill/Invoices in original in the name of TPSODL. The 75% payment shall be released within 45 days from the date of submission of certified bills/invoices. Payment shall be made based on the actual work done as verified by the TPSODL Nodal officer as well as System-level QC by the Centralized GIS team of TPSODL. Payment shall be done separately for each phase. Balance 20% shall be released after the successful migration of data to the system. Retention: 5% of the gross value of each Running Account shall be retained as retention money. The retention money shall be released after satisfactory completion of defect liability period of one year from the date of submission of invoice/bill. <p>Delivery after completion timeline shall be liable to a penalty as mentioned in SLA. Maximum Penalty shall be 10% of the value of the respective item However, the payment release schedule shall be discussed with the successful bidder and will be approved by TPSODL.</p> <ul style="list-style-type: none"> The payment shall be raised only after delivery of Feeders which includes the network part, Asset painting and Consumer indexing. 	The existing payment terms is related after finalizing the consumer indexing, we would like to inform you that consumer indexing is to be done by separate vendor and we don't have any control on the data and performance, timeline of the consumer vendor , in this regard payment should not be connected with consumer indexing as consumer indexing is not part of this tender and we request you to release atleast 70% of our payment after completion of network part, Asset painting	No change and shall remain same as per Tender Terms and Conditions
133	Page No 19	3. BID Evaluation Criteria The bid evaluation criteria have been finalized on basis of technical evaluation and commercial evaluation.	As per the criteria bidder not having capability of AI/ML and Drone/Drive technology will be restricted from opening of financial bid if there is a criteria of	Considering the large volume area and scheduled timeframe, TPSODL encourages the technology intervention. But never ignore the bidders with
134	Page No 14	Satellite Image (Resolution 1 m or better)	Do we have to supply satellite imagery as per specification kindly confirm? As the qty. is very huge.	Yes. Satellite imagery to be arranged with mentioned specification.
135	Page No 15	Data delivery format	Do we have to migration of data in the existing gis solution ?? And what is the data form of final deliverable required	Yes. Data to be delivered ESRI.shp format.
136	Clause No. 2. Project Objective Page No. 18	TPSODL has successfully implemented GIS system in pilot area of around 40 km2 comprising of 1,800 kms of electric network, 10 nos. of 33/11kV Primary substations, 1200 nos. of distribution transformers, 1.3 lacs consumers and the Landbase of entire pilot area.	Need clarity on the available GIS systems with the TPSODL and on whether the TPSODL shall provide access to the GIS system for the mobility application development.	1. TPSODL implemented GIS system in GE smallworld Electric Office 5.2.8 platform 2. No
137	Clause No. 2. Project Objective Page No. 18	On successful mapping of network assets and consumers same data shall be migrated into GE Small world database (Version 5.2.8 or higher version)	Bidder shall utilize the database shared by the client for the Land base and utility survey and share the deliverables in ESRI Shapefile Format. Data migration activity from the ESRI Shapefile to GE Small world database would be responsibility of the client, TPSODL	1. TPSODL will provide existing landbase and network data for edge matching reference. For newly surveyed and created data Bidder will utilize their own environment. 2. Subject to acceptance of quality data, TPSODL itself carryout the migration.
138	Clause No.: 4.2 Survey and mapping of 33kV/11kV Primary Substation (PSS) - Table 13.0 Page No. 25	Vendor must submit geo tagged photos using high resolution camera for below assets. Proper nomenclature to be followed to easily identify and co-relate each photo. These photos may be used for data validation and QC if required by TPSODL.	Do the bidder needs to generate the nomenclature for the assets? or Does TPSODL follows any standard nomenclature for naming the assets	TPSODL shall provide the nomenclature for each assets, which shall be followed for geotagging of media files.
139	Clause No.: 4.2 Survey and mapping of 33kV/11kV Primary Substation (PSS) - Table 13.0 Page No. 26	Vendor must paint PSS and Asset inside PSS as per TPSODL' painting specifications and include that as deliverables of shape file	Need Clarity on the scope of work in Asset Painting- The bidder should paint only the asset code as per TPSODL' painting specification. Kindly Clarify.	TPSODL will share asset codification document.
140	Clause No.: 4.2 Survey and mapping of 33 kV and 11kV Network - Table 14.0 Page No. 26	In case of physical survey for some part of the network, vendor must use mobile application as per TPSODL' data model. TPSODL will certify the mobile application before starting survey.	It has been mentioned in the Clause 7. Methodology to create the data, that the mobile application should be completed within 30 days after award of contract. By the aforementioned statement, the bidder should field survey activities after the mobile application approved and verified by the client, TPSODL.	In case of physical survey through mobile application, bidder should arranged the mobile application within the timeline as mentioned in clause-7.
141	Clause No.: 4.2 Survey and mapping of 33 kV and 11kV Network - Table 14.0 Page No. 27	Vendor must paint poles as per TPSODL's painting specifications and include the painting code in deliverables of shape file	Need Clarity on the scope of work in Asset Painting- The bidder should paint only the asset code as per TPSODL' painting specification. Kindly Clarify.	Yes, bidder should paint each asset which is the part of scope of work as per TPSODL painting specification.
142	Clause No.: 4.3 Survey and mapping of 33 kV and 11kV Network Page No. 26	Both 33kV and 11kV network can be overhead (Conductor/Cable) or underground (Cable). Vendor must complete survey and mapping of 33kV and 11kV network along with HT consumers, Boundary Meters and provide following deliverables.	Need clarity on the quantity of network buried underneath the ground so that the bidder can ensure the price quoted for the GPR/other penetrative survey methods to capture the Underground utilities of the client, TPSODL.	TPSODL has less than 1% of underground network, which can be surveyed as proposed by bidder or any other method.
143	Clause No.: 4.6 Mapping of Service line, Consumer, electrical Meter and consumer indexing- Table 16.0 Page No. 29	Vendor must submit Photographs of meter, bill and associated metering devices if any captured using survey mobile application. Proper nomenclature to be followed to easily identify and correlate each photo	Bills and customer information associated with the meter/service number in or around the meter box shall be shared by the client, TPSODL. Kindly confirm	Bidder has to get the bills and other consumer information in physical survey to the customer premises.
144	Clause No.: 4.7 Mobility application for Consumer/Network/Land base Survey Page No. 30	Application should have the capabilities of re-take the photos and edit the already submitted photos data.	Kindly specify the mentioned editing capabilities of the submitted photos as expected from the client, TPSODL.	Mobile application should have the capability of retaking photos until surveyor collected the proper acceptable photo. In case surveyor wanted to retake the already submitted photo also should be provisioned.
145	Clause No.: 4.7 Mobility application for Consumer/Network/Land base Survey Page No. 30	User mobile should have dual sim compatible mobiles along with full coverage network provider sim cards.	The provision of the mobile will not be in part of the scope of work to the bidder. Kindly confirm.	This will be applicable for network survey of this bidder only. However the mobile application which is going to be developed by bidder for consumer survey should acknowledge this point.
146	Clause No.: 5. Data QC/QA Page No. 34	Separate dedicated manpower should be deployed on project site for QA/QC process. Resources shall be deputed at TPSODL premises with their own infrastructure.	To deploying the resources at TPSODL premises, what the basic amenities shall be provided by the client, TPSODL?	RFP clause prevails
147	Clause No.: 6. Deliverables from Vendor Page No. 34	The deliverables will be approved after migrating to GE Smallworld database and qualifying Post Migration checks.	Responsibility of the client, TPSODL. Kindly confirm	TPSODL shall perform pre/post migration checks in GE SW environment for further data acceptance criteria.
148	Clause No.: 6. Deliverables from Vendor Page No. 35	Bidder should deliver migration ready consumer data to TPSODL with the co-ordination of Consumer survey vendor.	As mentioned in the clause 4. 6. page no. 29, the aim of the consumer data survey is only to map the consumer mapped to correct building, consumer connected to right pole and transformer, consumer & service cable digitized in ESRI .shp format as per TPSODL data model and specifications. Kindly confirm.	Yes
149	Clause No.: 8. Project Management Page No. 36	Vendor should have minimum manpower strength of 100 resources within TPSODL service area with their own office facilities.	Can the bidder deploy the contractual hiring personnels for the cater the requirements from the client, TPSODL?	RFP clause prevails
150	Clause No.: 8. Project Management Page No. 36	Project monitoring and execution should be supportive Scrum Board.	Need Clarification on whether TPSODL would provide Scrum Board for project monitoring and execution? or Should the bidder share their Scrum Board to TPSODL? or Would TPSODL require the bidder to provide a Scrum Board exclusive to this tender?	RFP clause prevails
151	Clause No.6.0.6.3	Payment shall be released within 30 days from the submission of the bills.	Contradictory statements under clause number 6.0.6.3	

152	Payment & Statutory Deductions		and 7.2(as mentioned). Kindly clarify the same.	Tender clause shall supersede the GCC - Service
153	Page No. 61			
154	7.2 Payment Terms	The 75% payment shall be released within 45 days from the date of submission of certified bills/invoices.		Yes, this clause shall prevail
155	Page No. 14			
156	7.2 Payment Terms Page No. 14	Delivery after completion timeline shall be liable to a penalty as mentioned in SLA. Maximum Penalty shall be 10% of the value of the respective item However, the payment release schedule shall be discussed with the successful bidder and will be approved by TPSODL.	It has been mentioned that the payment release schedule shall be discussed with TPSODL only after the award of contract as mentioned in the clause 7.2 Payment Term and it shall envisage the basic split of payment as follows: 1. Completion of works mentioned in Annexure 1 - Schedule of Items - 75% 2. Against client approval after the successful Data migration - 20% 3. Retention money after satisfactory completion of defect liability period of one year from the date of submission of invoice/bill - 5% Kindly confirm. To arrive at the financial estimate for the aforementioned schedule of items, it would be helpful if TPSODL provide the tentative payment release/milestone payment schedule.	No change, terms and conditions shall remain same as per tender document. Payment shall be released as per terms mentioned at Clause no 7.2 of the tender document.
157	2) *Earnest Money Deposit (EMD) Page No.05	2) *Earnest Money Deposit (EMD) EMD shall be exempted for MSME registered in the State of Odisha. However, Bidder shall be barred to participate in the tendering process for a period of 2 years in case it backs out post award of the contract.	We are registered as MSME under Ministry of Micro, Small and Medium Enterprise, Udyam Registration Number : UDYAM-KL-08-0004916 our organisation is registered in Kerala state, Kindly request you to confirm whether we are eligible to get the EMD exemption.	No change, terms and conditions shall remain same as per tender document
158	Mentioned in multiple instances across the tender documents	"Bidder (Prime)", "Bidder", "Business Associate" "Vendor" are used in the bid document.	1) Kindly clarify the definitions/meaning of each of these terminologies. 2) In case of a consortium, can the bidder (prime) and bidder reverse their roles at the time of award of contract? 3) Can we understand that wherever only Bidder is mentioned that means, the bidder and its consortium partner together is called bidder. Please confirm our understanding	No change and shall remain same as per Tender Terms and Conditions
159	1.7 Qualification Criteria (Table 5) (pages 6-7 of 50)	Pre-qualification Criteria point 1 to 7	In case of a consortium, is it required that each party of the consortium severely qualify for each of the criteria mentioned in the table. Please confirm	No change and shall remain same as per Tender Terms and Conditions
160	1.7 Qualification Criteria (Table 5) (pages 6-7 of 50)	The Bidder (independently or in combination with OEM) must have experience of having successfully completed, implementation and maintaining of at least 4 GIS Service – including Survey and Data work for Power Utility GIS Project.	As per our understanding, any of the consortium partner (may not be an OEM) experience along with the prime bidder is acceptable. Please confirm	No change and shall remain same as per Tender Terms and Conditions
161	1.7 Qualification Criteria (Table 5) (pages 6-7 of 50)	1. Bidder (prime)/consortium partner should have experience in IT/GIS Business (services) and should have been in the IT & GIS related business for a period of at least 5 years (as on 31st March 2022). 7. Alternatively, Bidder must have supplied GIS solution in India prior to 01.04.2014 as a sole bidder or Consortium.	In case of consortium, does TPSODL require any kind of document or agreement towards the formation of such consortium be submitted along with the bid. Please clarify	No change and shall remain same as per Tender Terms and Conditions
162	1.7 Qualification Criteria (Table 5) (page 7 of 50). Point No. 7	Alternatively, Bidder must have supplied GIS solution in India prior to 01.04.2014 as a sole bidder or Consortium. Copy of LOI/ Purchase Order/ Work Order prior to 01.04.2014 to be enclosed in this regard. Note:- Back-to-Back PBGs shall be submitted by bidder in case of Consortium	This clause states that there should be a back to back PBGs shall be submitted in case of consortium. Only Prime Bidder submitting a PBG to Tata Power should be allowed in case of consortium. The arrangement between Prime Bidder and Consortium partner can be mutual. We think there is no need for consortium partner also to submit the PBG. Please clarify	No change and shall remain same as per Tender Terms and Conditions
163	1.7 Qualification Criteria (Table 5) (page 6 of 50)	6. The bidder must have an office in Odisha State. OR The prime bidder has to give an undertaking to do so within 1 months of award of contract with strength of IT professionals that are required for proper implementation of the project.	1) Does this "office" mean "project office" elsewhere defined in the document. 2) By 'Project Office', we understand is a place for routine project work coordination with the TPSODL during the project execution period, and not a means a place of business or registered office. 3) Can it be operated by any one of the consortium parties? Please confirm	No change and shall remain same as per Tender Terms and Conditions
164	4.1 Signining of Bid Document (page 10 of 50)	The bid must contain the name, residence and place of business of the person or persons making the bid and must be signed and sealed by the Bidder with his usual signature	In case of a joint bid by a consortium, may we understand that authorized persons of all parties involved in the consortium shall sign the bid document or only bidder(prime)? Please clarify	No change and shall remain same as per Tender Terms and Conditions
165	7.2 Payment Terms (Page 14 of 50)	Vendor shall submit the Bill/Invoices in original in the name of TPSODL.	Can the invoices be raised from any place in India?	No change and shall remain same as per Tender Terms and Conditions
166	7.2 Payment Terms (Page 14 of 50)	Retention: 5% of the gross value of each Running Account shall be retained as retention money. The retention money shall be released after satisfactory completion of defect liability period of one year from the date of submission of invoice/bill.	Will be this retention be in addition to the performance guarantee (5-10% of order value) ?	No change and shall remain same as per Tender Terms and Conditions
167	7.2 Payment Terms (Page 14 of 50)	Delivery after completion timeline shall be liable to a penalty as mentioned in SLA. Maximum Penalty shall be 10% of the value of the respective item However, the payment release schedule shall be discussed with the successful bidder and will be approved by TPSODL.	This means after shortlisting successful bidder, bidder can discuss with Tata Power and propose a payment schedule which is mutually agreed will be included into the Purchase Order or contract of successful bidder. Please confirm	No change and shall remain same as per Tender Terms and Conditions
168	3.7 Contract Price /Value	The total all inclusive price/value mentioned in the PO/RC of the contract document is the Contract Price/Value and is based on the quantity, unit rates and prices quoted and awarded	May we understand "all inclusive" means inclusive of GST and other any relevant taxes ? Please confirm	Yes
169	19.1 Liability (Page 33 of 100)	If the Associate is a joint venture or consortium, all concerned parties shall be jointly and severally bound to the TPSODL for the fulfillment of the provisions of the Contract. The consortium or the joint venture shall designate one party as their leader, who will be the coordinator between the parties and TPSODL.	can we understand that the party designated as leader can be any one of the consortium members.? Please confirm	No change and shall remain same as per Tender Terms and Conditions
170	ANNEXURE- B (page 33 of 100) Proforma for Performance Bank Guarante (CP cum EP)	"furnish you with an irrevocable, unconditional and acceptable bank guarantee for 10% of the value of contract and to be valid till the end of Guarantee period plus one month"	May we understand that the percentage mentioned varies as per the contract value size? 10% for 50 cr or above and 5% of below 50 cr or Rate contract (Refer	No change and shall remain same as per Tender Terms and Conditions
171	7.3 Drawing submission and approval (Page 14 of 50)	The relevant drawings and GTPs need to be submitted within two weeks of receipt of firm purchase order by the successful bidder to TPSODL for approval. In case, re-submission of drawings is required on request of TPSODL, same needs to be submitted back to TPSODL within 5 days of such request.	Please clarify what are these drawing and GTPs	if applicable
172	3.1 Technical Evaluation (Table 7.0) Serial No. 1 (Page 19)	Bidder has completed nos. of projects for GIS. Any successful project / pilot for any Indian Utility For each project 1 Mark maximum limited to 5 Marks	Will only Indian Utility customer be considered or International Power Utility experience will be also be considered	We will consider international power utility experience as well as indian utility.
173	9.2 Data Model and Specifications (Page 40)	Data model and specifications will be shared with the vendor who will purchase the bid document. Against each attribute of data model, vendor must mention the technology that will be used to capture each attribute in following sample format.	we have only received Data Model, is there any other technical specifications document will be provided?	Technical specification document will be shared.
174	17 Intellectual Property Rights (Page 72)	If, in the course of performance of its functions and duties as envisaged by the scope of the present GCC, the Associate acquires or develops, any unique knowledge or information which would be covered, or, is likely to be covered within the definition of a trademark, copyright, patent, business secret, geographical indication or any other form of intellectual property right, it shall be obliged, under the terms of this present GCC, to share such knowledge or information with the TPSODL. All rights, with respect to, or arising from such intellectual property, as afore mentioned, shall solely vest in TPSODL.	The software/Application or tools that are created to deliver the required data to Tata Power, the IP of such tools or applications or techniques used will remain with the bidder and not transferred to Tata Power. The output derived from such tools would be delivered to Tata Power and the data IP can be owned by Tata Power. Please confirm if the understanding is correct	Yes, noted

175	Pg No. 1 Table –1.0	EMD (Rs.) 15 Lakhs Tender Fee (Inclusive of GST) (Rs.) 5,000	As per the recent guideline issued by GOI especially for the service level MSMEs and According to the Circular # F.No. 22(1)/ 2003/ EP & M, dated 29.7.2003 from Office of the Development Commissioner (MSME) EP&M Division, GoI MSME Certificate holder can avail, Exemption from payment of Tender Fee and Earnest Money Deposit Waiver of Security Deposit up to the Monetary Limit for which the unit is registered , and Turnover (Price Preference) over the quotation of large scale units Micro and Small Enterprise (MSME) as per their registration are being exempted from submission of EMD, performance bank guarantee as per the policy of government in most of the recent tenders. We request you to please consider the same and allow MSMEs companies' exemption from Tender Fee and EMD.	No change and shall remain same as per Tender Terms and Conditions
176	Pg No. 5, 1.3 Calendar of Events	Last date and time of receipt of Bids	We request to provide at least two weeks of time after receiving the response to the pre bid queries for submission of a qualitative techno-commercial bid	Extended up to 15.06.2022
177	Pg No. (7) Pre-qualification Criteria Table SI No (4) & (5)	The Bidder (independently or in combination with OEM) must have experience of having successfully completed, implementation and maintaining of at least 4 GIS Service – including Survey and Data work for Power Utility GIS Project. 1) At least one project valued not less than INR. 3.0 Crores Or 2 projects for at least than INR 1.5 Crore each. OR 2) The Bidder must have experience in successfully completing Survey & data processing work of more than 8,000 km route length of electric/telecommunication/water Line data and door-to-door survey for any Indian Power Utility. The above task must be completed within 7 years (as on 31st March 2022).	We presume that any work order/ completion certificate/ phase completion certificate from a sub-contract of any Indian/ International Private Organization without direct work order from the client (Govt.) will be acceptable. It is our request to consider the same to prove our technical credential. We humbly request to consider the project experience of last 10 years instead of within 7 years, as most of the R-APDRP Projects were more than 7 years old.	No change and shall remain same as per Tender Terms and Conditions
178	Pg No. (7) Pre-qualification Criteria Table SI No (7)	Indian companies in joint venture relationship with global OEM or authorized Indian channel partner/sales representative of global OEM are also eligible to bid if the qualification requirements stated above are met independently or in combination with the OEM. Authorization letter / certificate from the OEM to be submitted along with bid.	We believe that the lead bidder is not required to have prequalification experience. The same can be met by the other member of JV. Please confirm.	No change and shall remain same as per Tender Terms and Conditions
179	Pg No. 7, 1.7 Pre-qualification Criteria	The Bidder must have experience in successfully completing Utility Survey & data processing work using Artificial Intelligence/Machine Language/PDA/Digital data collection devices/method in the last 7 years (as on 31st March 2022).	It is requested to include also ETS/ DGPS/ GPS based survey of utility and data processing. Or Kindly request to consider door to door survey (property survey) using any digital device and its data processing. We presume that any work order/ completion certificate/ phase completion certificate from a sub-contract of any Indian/ International Private Organization without direct work order from the client (Govt.) will be acceptable. It is our request to consider the same to prove our technical credential. We humbly request to consider the project experience of last 10 years instead of within 7 years, as most of the R-APDRP Projects were more than 7 years old.	No change and shall remain same as per Tender Terms and Conditions
180	Pg No. 8, 2. Evaluation Criteria	The bids will be evaluated commercially on the overall all-inclusive lowest cost on overall BOQ basis as calculated in Schedule of Items [Annexure I].	We request to clarify what is the minimum technical marks (from allocated 50 marks) required to qualify in the tender. Once a bidder qualified technically, is the commercial evaluation will be done based on LCS or QCBS based. Request to Clarify.	No change and shall remain same as per Tender Terms and Conditions
181	Pg No. 12, Preliminary 5.3 Examination of Bids/ Responsiveness	TPSODL will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order. TPSODL may ask for submission of original documents in order to verify the documents submitted in support of qualification criteria.	We would like to request TPSODL, during the phase of technical evaluation, if any documents submitted by a bidder is not up to the satisfactory as per requirement, you may ask for further clarification once through email once before finalization.	Decision will be taken by TPSODL during Technical evaluation.
182	Pg No. (14) 7.2 Payment Terms	•On Delivery of work and certification of acceptance by TPSODL, Vendor shall submit the Bill/Invoices in original in the name of TPSODL. •The 75% payment shall be released within 45 days from the date of submission of certified bills/invoices.	Request for 10% mobilization advance against the BG and modify the payment terms accordingly.	No change and shall remain same as per Tender Terms and Conditions
183	Pg No. (18) 3. Bid Evaluation Criteria	The bid evaluation criteria have been finalized on basis of technical evaluation and commercial evaluation	Request to clarify the min. marks to qualify technically and what is the process of selection after technically qualify. Is there any weight marking for technical as well as financial ?	35
184	Pg No. (19) 3.1 Bid Evaluation Criteria 1. Project Experience	Bidder has completed nos. of projects for GIS. Any successful project / pilot for any Indian Utility For each project 1 Mark maximum limited to 5 Marks	We believe and request to consider the sub-contract work carried out for any Indian/ International Private Organization with proper work order and completion certificate.	No change and shall remain same as per Tender Terms and Conditions
185	Pg No. (19) 3.1 Bid Evaluation Criteria 2. Project Management	Explained and elaborated project management plan in details as mentioned under section 'Project Management Activity' 1 mark for each document: Maximum Marks 10	We presume that the marking under this head is based on our technical re-presentation/ documentation to address the effective project management (for which 10 marks is allotted). Hope it's not based on our past project management experience in the different projects (may be 10 project to get full mark). Please clarify	RFP Clause prevails
186	Pg No. (19) 3.1 Bid Evaluation Criteria 3. Technology for Survey and Digitization	Digitization of Landbase using satellite image 1. Has AI/ML Technology to digitize Landbase: 5 2. Will digitize Landbase manually :3	Please clarify what is the expectation from a bidder at this instant to showcase his capabilities if AI/ML Technology to be claim to get 5 marks.	RFP Clause prevails
187	Pg No. (19) 3.1 Bid Evaluation Criteria 4. Technology for Survey and Digitization	Survey of Electrical assets: 1. Has technology to do electrical survey using Drive/Drone technology and mobile application: 5 2. Will do manual survey using mobile applications: 2	Please clarify what is the expectation from a bidder at this instant to showcase his capabilities to do electrical survey using drive/drone technology and mobile application to claim 5 marks.	RFP Clause prevails
188	Pg No. (19) 3.1 Bid Evaluation Criteria 5. Technology for Survey and Digitization	Digitization of Electrical Assets: 1. Has AI/ML/DL/Image Processing technology to do automatic mapping of Electrical assets:5 2. Will do digitization of electrical assets manually: 2	Please clarify what is the expectation from a bidder at this instant to showcase his capabilities AI/ML/DL/Image Processing technology to do automatic mapping of Electrical assets to claim 5 marks.	RFP Clause prevails
189	Pg No. (19) 3.1 Bid Evaluation Criteria 6. Technology for Survey and Digitization	Has Capabilities in integrating multiple sources of data (drone/drive/photos/survey data) in a consolidated pipeline for ease of network utility detection. Available: 2.5 Has Capability: 1	Please clarify what is the expectation from a bidder at this instant to showcase his capabilities in integrating multiple sources of data (drone/drive/photos/survey data) in a consolidated pipeline for ease of network utility detection to claim 2.5 marks.	RFP Clause prevails
190	Pg No. (19) 3.1 Bid Evaluation Criteria 7. Technology for Survey and Digitization	Has highly accurate location APIs /GPS for smart phones with offline capability. Has capability of developing OCR based mobile application which will work in online and offline, to apply OCR based technology to automatically interpret Meter and Consumer Bill attribute in backend and capable of developing entire technology ecosystem to do consumer indexing. Has demonstrated capability: 5 Has not demonstrated but has capability:2	What is the expectation to showcase the capabilities at the stage of bidding ? Please Clarify	RFP Clause prevails

191	Pg No. (19) 3.1 Bid Evaluation Criteria 8. Data Creation Process	Demonstration of end-to-end data creation process: Has demonstrated complete end to end process:7.5 Has partially Demonstrated the process:4 Has not demonstrated the process: 0	We presume that before technical evaluation, there is a requirement to demonstrate the end-to-end data creation process at the client site with client data set. Please clarify. If yes, we request to give the sufficient time with required data set to showcase our capabilities	RFP Clause prevails
192	Pg No. (19) 3.1 Bid Evaluation Criteria 9. Data Creation Process	Demonstration of Quality checks process of previous projects: 18) Customised Tool based Checks – 5 b) Manual process checks – 0	We presume that expectation of TPSODL under this head to showcase the customized tool for QC of our past project before technical evaluation. Please clarify	RFP Clause prevails
193	Pg No. 1 Table – 1.0	EMD (Rs.) 15 Lakhs Tender Fee (Inclusive of GST) (Rs.) Rs. 5,000	As per the recent guideline issued by GOI especially for the service level MSMEs and According to the Circular # F.No. 22(1)/ 2003/ EP& M, dated 29.7.2003 from Office of the Development Commissioner (MSME) EP&M Division, GoI MSME Certificate holder can avail, Exemption from payment of Tender Fee and Earnest Money Deposit Waiver of Security Deposit up to the Monetary Limit for which the unit is registered, and Turnover (Price Preference) over the quotation of large scale units Micro and Small Enterprise (MSME) as per their registration are being exempted from submission of EMD, performance bank guarantee as per the policy of government in most of the recent tenders. We request you to please consider the same and allow MSMEs companies' exemption from Tender Fee and EMD.	No change and shall remain same as per Tender Terms and Conditions
194	Pg No. 5, 1.3 Calendar of Events	Last date and time of receipt of Bids	We request to provide at least two weeks of time after receiving the response to the pre bid queries for submission of a qualitative techno-commercial bid	Extended up to 15.06.2022
195	Pg No. (7) Pre-qualification Criteria Table Sl No (4) & (5)	The Bidder (independently or in combination with OEM) must have experience of having successfully completed, implementation and maintaining of at least 4 GIS Service – including Survey and Data work for Power Utility GIS Project. 1) At least one project valued not less than INR. 3.0 Crores Or 2 projects for at least than INR 1.5 Crore each. OR 2) The Bidder must have experience in successfully completing Survey & data processing work of more than 8,000 km route length of electric/telecommunication/water Line data and door-to-door survey for any Indian Power Utility. The above task must be completed within 7 years (as on 31st March 2022).	We presume that any work order/ completion certificate/ phase completion certificate from a sub-contract of any Indian/ International Private Organization without direct work order from the client (Govt.) will be acceptable. It is our request to consider the same to prove our technical credential. We humbly request to consider the project experience of last 10 years instead of within 7 years, as most of the R-APDRP Projects were more than 7 years old.	No change and shall remain same as per Tender Terms and Conditions
196	Pg No. (7) Pre-qualification Criteria Table Sl No (7)	Indian companies in joint venture relationship with global OEM or authorized Indian channel partner/sales representative of global OEM are also eligible to bid if the qualification requirements stated above are met independently or in combination with the OEM. Authorization letter / certificate from the OEM to be submitted along with bid.	We believe that the lead bidder is not required to have prequalification experience. The same can be met by the other member of JV. Please confirm.	No change and shall remain same as per Tender Terms and Conditions
197	Pg No. 7, 1.7 Pre-qualification Criteria	The Bidder must have experience in successfully completing Utility Survey & data processing work using Artificial Intelligence/Machine Language/PDA/Digital data collection devices/method in the last 7 years (as on 31st March 2022).	It is requested to include also ETS/ DGPS/ GPS based survey of utility and data processing. Or Kindly request to consider door to door survey (property survey) using any digital device and its data processing. We presume that any work order/ completion certificate/ phase completion certificate from a sub-contract of any Indian/ International Private Organization without direct work order from the client (Govt.) will be acceptable. It is our request to consider the same to prove our technical credential. We humbly request to consider the project experience of last 10 years instead of within 7 years, as most of the R-APDRP Projects were more than 7 years old.	No change and shall remain same as per Tender Terms and Conditions
198	Pg No. 8, 2. Evaluation Criteria	The bids will be evaluated commercially on the overall all-inclusive lowest cost on overall BOQ basis as calculated in Schedule of Items [Annexure I].	We request to clarify what is the minimum technical marks (from allocated 50 marks) required to qualify in the tender. Once a bidder qualified technically, is the commercial evaluation will be done based on LCS or QCBS based. Request to Clarify.	No change and shall remain same as per Tender Terms and Conditions
199	Pg No. 12, Preliminary 5.3 Examination of Bids/ Responsiveness	TPSODL will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order. TPSODL may ask for submission of original documents in order to verify the documents submitted in support of qualification criteria.	We would like to request TPSODL, during the phase of technical evaluation, if any documents submitted by a bidder is not up to the satisfactory as per requirement, you may ask for further clarification once through email once before finalization.	Decision will be taken by TPSODL during Technical evaluation.
200	Pg No. (14) 7.2 Payment Terms	*On Delivery of work and certification of acceptance by TPSODL, Vendor shall submit the Bill/Invoices in original in the name of TPSODL. *The 75% payment shall be released within 45 days from the date of submission of certified bills/invoices.	Request for 10% mobilization advance against the BG and modify the payment terms accordingly.	No change and shall remain same as per Tender Terms and Conditions
201	Pg No. (18) 3. Bid Evaluation Criteria	The bid evaluation criteria have been finalized on basis of technical evaluation and commercial evaluation	Request to clarify the min. marks to qualify technically and what is the process of selection after technically qualify. Is there any weight marking for technical as well as financial ?	35
202	Pg No. (19) 3.1 Bid Evaluation Criteria 1. Project Experience	Bidder has completed nos. of projects for GIS. Any successful project / pilot for any Indian Utility For each project 1 Mark maximum limited to 5 Marks	We believe and request to consider the sub-contract work carried out for any Indian/ International Private Organization with proper work order and completion certificate.	No change and shall remain same as per Tender Terms and Conditions
203	Pg No. (19) 3.1 Bid Evaluation Criteria 2. Project Management	Explained and elaborated project management plan in details as mentioned under section 'Project Management Activity' 1 mark for each document: Maximum Marks 10	We presume that the marking under this head is based on our technical re-presentation/ documentation to address the effective project management (for which 10 marks is allotted). Hope it's not based on our past project management experience in the different projects (may be 10 project to get full mark). Please clarify	RFP Clause prevails
204	Pg No. (19) 3.1 Bid Evaluation Criteria 3. Technology for Survey and Digitization	Digitization of Landbase using satellite image 1. Has AI/ML Technology to digitize Landbase: 5 2. Will digitize Landbase manually :3	Please clarify what is the expectation from a bidder at this instant to showcase his capabilities if AI/ML Technology to be claim to get 5 marks.	RFP Clause prevails
205	Pg No. (19) 3.1 Bid Evaluation Criteria 4. Technology for Survey and Digitization	Survey of Electrical assets: 1. Has technology to do electrical survey using Drive/Drone technology and mobile application: 5 2. Will do manual survey using mobile applications: 2	Please clarify what is the expectation from a bidder at this instant to showcase his capabilities to do electrical survey using drive/drone technology and mobile application to claim 5 marks.	RFP Clause prevails
206	Pg No. (19) 3.1 Bid Evaluation Criteria 5. Technology for Survey and Digitization	Digitization of Electrical Assets: 1. Has AI/ML/DL/Image Processing technology to do automatic mapping of Electrical assets:5 2. Will do digitization of electrical assets manually: 2	Please clarify what is the expectation from a bidder at this instant to showcase his capabilities AI/ML/DL/Image Processing technology to do automatic mapping of Electrical assets to claim 5 marks.	RFP Clause prevails

207	Pg No. (19) 3.1 Bid Evaluation Criteria 6. Technology for Survey and Digitization	Has Capabilities in integrating multiple sources of data (drone/drive/photos/survey data) in a consolidated pipeline for ease of network utility detection. Available: 2.5 Has Capability: 1	Please clarify what is the expectation from a bidder at this instant to showcase his capabilities in integrating multiple sources of data (drone/drive/photos/survey data) in a consolidated pipeline for ease of network utility detection to claim 2.5 marks.	RFP Clause prevails
208	Pg No. (19) 3.1 Bid Evaluation Criteria 7. Technology for Survey and Digitization	Has highly accurate location APIs /GPS for smart phones with offline capability. Has capability of developing OCR based mobile application which will work in online and offline, to apply OCR based technology to automatically interpret Meter and Consumer Bill attribute in backend and capable of developing entire technology ecosystem to do consumer indexing. Has demonstrated capability: 5 Has not demonstrated but has capability:2	What is the expectation to showcase the capabilities at the stage of bidding ? Please Clarify	RFP Clause prevails
209	Pg No. (19) 3.1 Bid Evaluation Criteria 8. Data Creation Process	Demonstration of end-to-end data creation process: Has demonstrated complete end to end process:7.5 Has partially Demonstrated the process:4 Has not demonstrated the process: 0	We presume that before technical evaluation, there is a requirement to demonstrate the end-to-end data creation process at the client site with client data set. Please clarify. If yes, we request to give the sufficient time with required data set to showcase our capabilities	RFP Clause prevails
210	Pg No. (19) 3.1 Bid Evaluation Criteria 9. Data Creation Process	Demonstration of Quality checks process of previous projects: 18) Customised Tool based Checks – 5 b) Manual process checks – 0	We presume that expectation of TPSODL under this head to showcase the customized tool for QC of our past project before technical evaluation. Please clarify	RFP Clause prevails