

Corrigendum 5 – Update on Technical, General & Commercial Terms.

Dated: 19/07/2021

Reference - This corrigendum has been issued for NIT No: AEML/MDB/2021-22/33.

With Reference to the above, the Corrigendum 5 to the tender is hereby issued as follows:

Sr No	Description	Clarification/ Amendment	Revised & Additional Technical Specifications
1	Section- I: Information to Bidder (ITB) Point No. 2.4	Amendment	Revised Bid Submission date: 30.07.2021
2	Annexure 1: SLA	Amendment	Refer Revised SLA enclosed with this corrigendum. Annexure I
3	Section-IV: Bill of Quantity (BOQ)	Amendment	Refer Revised BOQ enclosed with this corrigendum. Annexure II
4	Section- I: Information to Bidder (ITB) Point No. 2.4	Clarification	Refer Pre-bid Queries enclosed with this corrigendum. Annexure III
5	D. EVALUATION OF BID Point 5. Evaluation and Comparison of Bid	Amendment	Technical Evaluation to be summarised after Demonstration of similar used cases provided in tender.
6	Section-III: Scope of Work	Amendment	Images Shall be collected by Selected bidder as per line of requirement. AEML field team will facilitate for the same.
7	Section-III: Scope of Work	Amendment	AEML may capture multiple site images. AEML Shall consume all of them, then after analysis, AEML will pay for one image per meter cabin case, per meter for installation case & similarly for other cases as well.

			These images must be properly visible and will solve the purpose of analysis & results.
8	Section-VII: Project Delivery Schedule	Amendment	AEML will Provide 30 days for image collection and then additional 45 days for Module Development. Validity of contract will be for 3 Year Period.
9	Section-III: Scope of Work	Amendment	Minimum Guarantee of merit will be discussed with selected bidder.
10	Section-III: Scope of Work	Amendment	Reference images will be reviewed (addition / deletion / updation) as and when required by AEML.
11	Section-VIII: Commercial Terms & Conditions of Contract. STC Point No 7 Payment Terms.	Amendment	Will be confirmed the same in corrigendum 6
12	Section- I: Information to Bidder (ITB) Contact Person(s) for Technical/ Scope of Work Queries.	Clarification	For any other commercial queries please communicate with Ms. Yogita Padwal on mail id yogita.padwal@adani.com & contact number 9324947517 and for technical & general queries please communicate to Mr. Jitendra Pandey on mail id jitendra.s.pandey@adani.com & contact number 9324269079

Annexure I

Revised SLA: Annexure 1			
SN	Parameters	Reference / Threshold Range	Penalty
1	Quality/Accuracy of OCR	(>90 %) As per provided specifications post stabilization period of 1 month	For each 1% drop in accuracy, 2 % of order value

		(>95 %) As per provided specifications post 3 months	
2	Quality/ Accuracy of Image Analytics	(>90 %) As per scope of work post stabilization period of 1 month (>95 %) As per provided specifications post 3 months	For each 1% drop in accuracy, 2 % of order value
4	Adherence to Timeline for each activity.	(100 %) As per provided schedule (Section VII) for each activity	INR 10000 For 1 Week delays. 20000 for two-week delays. 30000 for 3-week delays. If delays are beyond one month then 1 % of total order value to be deducted for subsequent delays in month. Example N numbers of Delays in month then Penalty = (1%) of Total order value X N

Annexure II

Annexure II Section-IV: Revised Bill of Quantity (BOQ)								
SN	Description	UOM	Quantity (1st Year)	Quantity (2nd Year)	Quantity (3rd Year)	Quantity proposed by vendor	Unit Rate	Total Cost (including Tax)
1	Image Analytics Software	Nos	1					
2	Assess health of meter cabin	Nos.	4.5 Lacs	NA	4.5 Lacs			
3	Quality of Meter Installation	Nos.	2 Lacs	4.0 Lacs	4.0 Lacs			
4	Meter Reading using OCR	Nos.	1 Lac	1 Lac	1 Lac			
5	Health & Quality of LT Pillar & Street Light Cubicle	Nos	10K	20K	20K			

6	Health & Quality of Street Light Poles	Nos	5K	10K	10K			
7	Health & Quality of Distribution Transformers	Nos	5K	5K	5K			
8	Health & Quality of Switchgears	Nos	1K	1K	1K			

#BOQ may vary in range of 10 to 20 %

Annexure III

SN	Reference Point	PG	Particulars	Detail Description of Queries	AEML Response
1	3. Scope of Work G) Common Requirements/deliverables	27	Provide APIs/SDK & necessary assistance to enable embedding the image analytics functionality in AEML's existing android Mobile App to facilitate use of these functionalities as per the business process requirement.	Does AEML already have an existing Android application? What features are already available?	Yes, AEML has android based Mobile Apps - EASE GIS App

2	3. Scope of Work	22	<p>AEML would like to get the intelligent mobile based application developed for its field staff (e.g. Meter reader) that will carry out different image processing tasks (modules) and further extended to capture more information from the field. The activity of photo capture analytics shall be carried out on need basis throughout the year for identified meters & meter cabins.</p>	<p>What is the number of simultaneous users for this mobile app?</p>	<p>350 users at a time</p>
3	Section-V: Technical Specifications 2)	29	<p>The Mobile solution/application should support offline mode of operation & work seamlessly even in low bandwidth or intermittent connectivity situations. It should synchronize the data (captured images) with cloud storage/application when a network connection is available.</p>	<p>Regarding offline usage of the solution, Is the bidder expected to just capture the images on mobile device and then upload and execute when connectivity is established?</p>	<p>Offline Mobile feature is associated with OCR Meter Reading functionality. Meter reading should be extracted at Mobile application end irrespective of Mobile internet connectivity</p>

4	3. Scope of Work	22	<p>AEML would like to leverage AI/ML (Artificial Intelligence/Machine Learning)-based image processing techniques along with OCR to implement image analytics in its Metering related field processes to get information about the health of Meter cabins, quality of Meter installations & actual meter reading.</p> <p>The broad scope of Image Analytics solution include delivery of following:</p> <ul style="list-style-type: none"> A) Health of meter cabin B) Quality of Meter Installation: C) Health & Quality of LT Pillars & Street Light Cubicles D) Health & Quality of Street Light Poles E) Health & Quality of Distribution Transformers & Switchgears F) OCR/AI based (Photo) Meter reading 	<p>We assume that Adani already has sufficient image data of different components such as switch gears, transformers, etc. covering all scenarios/use cases that are to be modelled. Please confirm if image capture & data collation is out of project scope.</p>	Refer Corrigendum
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5	3. Scope of Work G) Common Requirements/deliverables	26	Enable handheld Android Mobile device with app to deliver the functionalities such as photo capture in field & upload to cloud. The data of raw images & extracted output shall be stored in cloud & available for further retrieval & analysis whenever required.	Is there any cloud preference i.e. Azure / AWS / GCP?	Bidder has to offer SaaS solution with Cloud service provider of their choice that suffice AEML's functional, technical & security requirements. However, Adani prefer hypereal Ensure high Availability (>99.9% uptime)
6	Section-III: Scope of Work 1. Introduction	21	It also has around 6746 Substation consisting of Distribution transformers & Switchgears and around 70k LT Pillars & Street Light Cubicles, 95k Street Light Poles. All these equipments are tagged in GIS system	Do Adani already have some kind adaptor or plugin for integrating with their GIS system? Can Adani share interface details of the GIS system.	GIS integration can be implemented using web services. Details shall be shared with succesful bidder

7	Section-V: Technical Specifications	29		What are the requirements related to administrative users of the cloud app?	Vendor has to administer the SaaS application on behalf of AEML. However AEML would also like to have visibility of SaaS application administration - Federated user Management, VAPT, Reviewing Audit logs, Review of Back-up, retention & restoration logs, Mechanism to track the performance of the entire solution (including Mobile App) - reviewing & monitoring service levels . This shall include various metric e.g. user activities, details of transactions (image upload, failed, success etc.), uptime/availability, accuracy (associated to billing) etc.
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8	Section 3: Scope of Work G) Common Requirements/Deliverables	26		<p>a. What is the accuracy required in the co-ordinates of the basement ?</p> <p>b. Is there any recommendation for the map providers application that shall be used for viewing the photographs and map together?</p> <p>c. What is the device used to view the photographs and map (Android App, or on a desktop App or AEML's internal/third party app)?</p>	<p>a. Accuracy of co-ordinates in basement - @10 mtere</p> <p>b. Google Map, Bing & ArcGIS</p> <p>c. AEML internal Andoid App & Desktop (Web) App</p>
9	Section-IV: Bill of Quantity (BOQ)	28		<p>Please provide clarity about Bill of Quantity (BOQ) mentions unit wise billing? Is it post delivery cost per analytic service in SaaS model? Is it the expected quantity of services over 3 years contract period?</p>	<p>Delivery cost is associated with the accuracy of the outcome mentioned in SLA & not related to the nos. of image processed directly. Business to confirm quantity & SLA.</p>

10	Section-VII: Project Delivery Schedule	32	<p>The delivery and implementation timeline would be a key yardstick in the selection criteria of suitable partner / bidder.</p> <p>Project to be delivered within 30 days of release of SO.</p> <p>Validity of Contract – 3-year period.</p> <p>The initial one-month period post-delivery is stabilization period.</p>	<p>We understood that the project delivery is to be done in 30-days. Is this duration budgeted for the delivery of entire scope of the solution or just for creating detailed design & planning of solution?</p>	<p>30 days for Image collection & 45 days for module development</p>
11	Section-VII: Project Delivery Schedule	32	<p>The delivery and implementation timeline would be a key yardstick in the selection criteria of suitable partner / bidder.</p> <p>Project to be delivered within 30 days of release of SO.</p> <p>Validity of Contract – 3-year period.</p> <p>The initial one-month period post-delivery is stabilization period.</p>	<p>We understood that the contract period as 3-years. What are the expectations from the vendor once the project is delivered? Is the support and enhancement requests need to be addressed?</p>	<p>Vendor should provide the Post deployment AMC & support (for 3 years excluding warranty) for the solution delivered. Ensuring the accuracy as per SLA shall be in the scope of Vendor. The support shall include L1/L2 & L3 application support.</p>

12	Section-VII: Project Delivery Schedule	32	Validity of Contract – 3-year period.	What is the tentative start date of the project?	Refer Corrigendum
13	32. EMD	12	Exemptions	For MSME registered company, whether EMD is exempted or not?	EMD is mandatory, No exemption
14	5.0 Evaluation and Comparison of Bids	17		<p>During the pre-bid meeting, we were informed of the POC demonstration along with the Technical proposal document. While the Updated document shall have the detailing of the POC requirement and the success criteria, please consider providing sufficient time for the development of the POC.</p> <p>As this project predominantly depends on training the model, sufficient data and fine tuning of the model would determine the success of the POC.</p>	Bidder to demonstrate similar used cases or POC for technical Evaluation

15	Annexure I - Price Schedule	28	sl.no2. Assess health of meter cabin	The Proposed Qty is mentioned as 4500. where as in the Pre-bid meeting, it was mentioned as 450000. please confirm.	It's 450000
16	Preparation of Bids A	15	II. Bidder shall inform Buyer after payment and provide the payment details. III. Kindly refer Bank details mentioned below for online payment of EMD.	Please clarify exactly what documents have to be submitted against point 2 and point 3 of Envelope 1?	Scan copy of EMD submission
17	Preparation of Bids B	15	Techno-commercial bid as indicated in bid document. Documentary evidence regarding bidder's qualifications to perform the contract as required in qualifying Requirement.	1.What is the Techno-commercial bid document please clarify. 2. Is STC – Mid Value Domestic General Services the document to submitted here. Please clarify	1)Techno-commercial means all technical details alongwith commercial details except price details 2) STC you can submit in envelop 2

18	Preparation of Bids B	15	II. Documentary evidence in support of qualifying criteria	<p>1. Is this the technical qualification criteria or the financial? Please clarify</p> <p>2. How is point number 2 different from point 1? What exact qualification documents is required for point 1 and point 2? Please clarify</p>	<p>1) in Point no 1 vendor need to submit their qualifying criteria as mentioned</p> <p>2) vendor need to submit evidence like work experience certificate</p>
19	Preparation of Bids B	15	III. Technical Literature/ GTP/Type test report etc.	<p>1. Please clarify what exact technical details are to be included here.</p> <p>2. Does the inclusion of GTP report a mandatory requirement?</p> <p>3. Test Type reports are to be included for each scope of work? Please clarify what test reports and test certificates are required to be submitted</p>	Deleted

20	Tender Fee	3	Tender Fee	There is only a mention of the EMD Amount. There is no mention of Tender fee in the RFP Document but on the Adani tendering Website in the submission part it is asking to upload Tender fee. Please clarify	Tender fee is not applicable
21	<p>File Name - RFP Document 3(B) 3(C)</p>	23	<p>Cross check the Meter Sr. no. with the Meter number mentioned in SAP order & flag error in case of mismatch Verify the Meter Sr. No. captured with the meter number from SAP data (i.e. list of meters as per meter reading order)</p>	As part of OCR capability for data extraction, are you expecting an RPA solution for Data Verification or an inbuilt functionality of the mobile app? Please clarify.	In Built level of application for OCR used cases. Other cases can be processed on requirement

22	<p>File Name - RFP Document 3(C) 3 (D) V(8)</p>	23	<p>3(c) Solution should offer seamless workflow to capture meter reading using mobile device 3(c) It should provide a mechanism to update the Meter reading data (post-validation) in SAP ISU-CCS (AEML's On-premise Metering & Billing System) automatically 3(D) Provide APIs/SDK & necessary assistance to enable embedding the image analytics functionality in AEML's existing android Mobile App to facilitate use of these functionalities as per the business process requirement. V(8) Ensure the Mobile solution is free of known vulnerabilities; and ensure there is a clear workflow for applying security patches in the future, and for running regular automated backups that would make a (recent) restore possible.</p>	<p>Vendor need to provide SDK/API for integration with AEML's Mobile app compatible with Android 6.0 & above. Further Vendor need to provide a standalone basic Mobile App (android 6.0 & above) separately for testing of core functionalities.</p> <p>Yes existing MobileApp is integrated with SAP.</p> <p>Integration with SAP is expected for abnormality reporting detected post image processing</p> <p>Intermediate portal is required for validation/screening of image analytics outcome prior pushing data into SAP /Other IT system.</p>
			<p>Are you looking for a separate mobile application for this workflow or customization in your existing application? Is your mobile application integrated with SAP or it needs to be done as part of scope? Please provide technical details of your existing mobile application.</p>	

23	<p>File Name - RFP Document 3(D)</p>	24	<p>Enable handheld Android Mobile device with app to deliver the functionalities such as photo capture in field & upload to cloud.</p>	<p>1.do you have an existing app that needs to be revamped with these features, or building new mobile application is part of scope? 2. Mobile app should have minimum support for which version of Android? 3. What is the minimum pixel size of the mobile device? Please give details 4. What is the Storage Capacity of the mobile device? Please give details</p>	<p>1. We already have Application 2. version 6.0 3. Rear Camera 13 MP Autofocus with flash & Front Camera 5 MP camera 4.</p>
24	<p>File Name - RFP Document 3(D)</p>	24	<p>Setting up Data retention & Archival policy</p>	<p>Please give details</p>	<p>3 Year for meter images</p>

25	<p>File Name - RFP Document 3(D)</p>	24	<p>Post-deployment Maintenance & Support (including Data Back-up & recovery)</p>	<p>Please give details</p>	<p>Maintenance & support to ensure the performance of Mobile App for specified period Daily incremental back-up RTO- 1 Hour RPO - 5 min</p>
26	<p>File Name - RFP Document 3(D)</p>	24	<p>AI-enabled Video analytics shall be used in order to enhance accuracy & overcome limitations of image analytics, if any (for Object detection, Motion detection etc.).</p>	<p>Is this an optional requirement? Please clarify.</p>	<p>To detect certain abnormalities e.g. No Meter display/Blinking display may require video analytics.</p>

27	<p>File Name - RFP Document 3(D)</p>	24	<p>Cases for Image Analytics Processing:</p> <ol style="list-style-type: none"> 1. Order triggered on basis of Meter Reading note (0601 and 0603) - Meter Not at site & structure demolished cases respectively. 2. Reading received thru "self-reading" option by customer 	<p>Is this an example use case of image analytics? Please elaborate the meaning of this use case here.</p>	<p>Yes.</p> <ol style="list-style-type: none"> 1. It should compare with ideal site condition with current condition. 2. It should compare details of self reading images sent by consumer such that image is authenticated and not taken by pictures, photos.
28	<p>File Name - RFP Document V</p>	25	<p>The Mobile solution/application should support offline mode of operation & work seamlessly even in low bandwidth or intermittent connectivity situations. It should synchronize the data (captured images) with cloud storage/application when a network connection is available</p>	<p>Are we talking about the existing mobile application with Adani here? If yes, please provide the technical details of this application.</p>	<p>Here we are talking about proposed functionality to be embedded in AEML's Mobile app compatible with Android 6.0 & above.</p>

29	File Name - RFP Document VI	27	The successful bidder shall ensure that the Project is successfully completed in the timelines given by AEML. The bidder shall submit an overall Project plan along with the bid keeping in mind the timelines.	If, developing a mobile application and integration of image analytics and OCR solution is the complete project scope, then can the 1 month timeline be extended?	Refer Corrigendum
30	File Name - "STC-Image Analytics with OCR facility".pdf Section 4 - Completion Schedule	2	The Contractor shall complete mobilization at the Site within [thirty] ([30]) days of the handing over of the Site by the Employer.	Please elaborate the meaning of mobilization here.	Deleted
31	File Name - RFP Document 3(A)(B)	22	A) Health of meter cabin B) Quality of Meter Installation C) Health & Quality of LT Pillars & Street Light Cubicles D) Health & Quality of Street Light Poles E) Health & Quality of Distribution Transformers & Switchgears	Will the bidder get access to sample images for the mentioned use cases? Please clarify	Refer Corrigendum
32	File Name - RFP Document 3(C)	24	Analytics should specify the location of hotspots with temperature of the contacts / terminations for correction.	Does mobile device have thermal imaging capability? Please clarify.	We are in final stage of Procurement

33	<p>File Name - RFP Document 3(C)</p>	25	<p>Analytics should create an overall health score with probability of failure of the components in the pillar and report to SAP</p>	<p>Please specify criteria for overall health card scoring.</p>	<p>For LT Pillars Health score should consider following depending on weightage Thermal Imaging, Alignment of Contacts Allignemnet of Pillars Foundataion and Base condition Corrosion Status Corrosion of Contacts Termination of cables</p>
34	<p>File Name - RFP Document 3(A)(B)(C)(D)(E)</p>	22	<p>Use Cases</p>	<p>1.will there be different workflow for different departments? 2. will there be any manual entry to complete any workflow? Please clarify</p>	<p>Proposed functionality will be called through existing Mobile app which is already a part of business workflow</p>

35	File Name - RFP Document IV	25	BILL OF QUANTITY (BOQ) & PRICE BID FORMAT	There is no line item for AMC and Production Support post the stabilization period. Do we submit this by adding a line item as relevant?	AEML shall pay for each images produced
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36	3.2	6	<p>3.2 The Contractor shall, unless specifically excluded in the SO Documents, perform all such incidental work and activities with respect to such items not specifically mentioned in the SO Documents but can be reasonably inferred as required or necessary to complete the Scope of Work, as if such work, activities and/or items were expressly mentioned in the SO Documents. However, the Contractor shall not perform any extra or additional work and activities which do not form part of or can be inferred from the Scope of Work, unless such additional work is included in the SO Documents by way of an amendment. Except as otherwise expressly provided in the SO Documents, the Contractor agrees and acknowledges that the Contractor shall perform</p>	<p>Request Adani to note that any incidental work not mentioned in the SO/SOW shall be charged extra at actuals at a mutually agreed consideration.</p> <p>to be discussed at the time of PO finalisation</p>
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		<p>all of its obligations and responsibilities under the SO Documents at its own risk, cost and expense.</p>		
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37	4.1 (c) (iii)	7	<p>(iii) In the event mutually agreeable rates for the Extra Items are not finalized between the Parties, the Contractor shall proceed to carry out the Services at the provisional rates to be decided by the Employer. The Employer shall certify payments to the Contractor, based on such provisional rates fixed by the Employer, for the Services performed on the basis of such Extra Item, subject to upward or downward adjustment after such provisional rates are finalized.</p>	<p>Request Adani to note that cost of extra items must be mutually decided and not at the sole discretion of Adani</p>	<p>to be discussed at the time of PO finalisation</p>
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38	5.4 (b)	<p>9</p> <p>(b) Notwithstanding anything to the contrary in the SO Documents, the payment of any invoice by the Employer shall not prejudice, at any point of time, any rights of the Employer under the SO Documents, including the right of the Employer to notify any discrepancy in respect of any amounts therein, as may be identified by way of any audit or inspection, that may have been conducted subsequent to the payment of such invoice. In the event any such discrepancy is identified in relation to any invoice that has already been paid by the Employer, the Employer shall have the right to adjust any amount that may be due and payable by the Contractor, in accordance with Clause 45.</p>	<p>Request Adani to raise any discrepancy or dispute in the invoice within 15 days of the receipt of invoice. If no discrepancy or dispute is raised then the invoice shall be deemed to be undisputed.</p>	<p>to be discussed at the time of PO finalisation</p>
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39	6.4	9	6.4 If there is a delay in Completion and a statutory increase occurs in the applicable GST or implication of any new Taxes during the period of such delay, for reasons not attributable to the Employer, then the same shall be to the account of the Contractor.	Bidder shall bear responsibility if it is attributable to the Bidder	NO change as of now
40	7	9		Request Adani to give Bidder an opportunity to be heard and cure period of 30 days before invoking/drawing any Advance Payment Bank Guarantee, Contract Performance Bank Guarantee, Performance Bank Guarantee and/or Contract Performance cum Performance Bank Guarantee	NO change as of now

41	8.2 (a) (b) & 8.3	10		Request Adani to note that that the cost risk and cost of contractor is to be only limited to the relevant milestone and not the overall and other costs.	NO change as of now
42	11	12		Please check this point with the Business team as this clause seems to be not applicable in the present transaction.	NO change as of now

43	16	14		Request Adani to note that if the services are in conformance & compliance to the specifications as per the SOW under SO & Agreement then the bidder shall not be liable for any costs losses or damages in respect of the same.	NO change as of now
44	20.2	15		Request Adani to note that bidder does not name any clients or its lender is the insurance policy however it covers the client.	NO change as of now
45	21	16		Request Adani to give bidder a reasonable notice period for inspection.	NO change as of now

46	24	16	Liquidated Damages	<p>1. Request Adani to restrict the total cumulative liquidated damages to 10% of the relevant SO/PO/SOW value from which the cause of action arose.</p> <p>2. Request Adani to give bidder an opportunity to be heard and cure period before imposing liquidated damages.</p>	NO change as of now
47	25.3	18		Request Adani to replace add "willful" before acts or omissions.	NO change as of now
48	28.2	20		Before completion if any loss or damage is attributable to Adani then that would be borne by Adani	NO change as of now

49	29.1	20		<p>1. Bidder shall not indemnify the Services are approved by Adani</p> <p>2. Adani to note that Bidder shall not be responsible if Adani has already accepted the services and the defect liability period if any has elapsed.</p>	NO change as of now
50	32.3	22		<p>Bidder shall not indemnify for third-party IPR infringement if the infringement is attributable to Adani & not attributable to the Bidder.</p>	NO change as of now
51	33.1 (a)	22		<p>request Adani to add 'willful' before acts or omissions</p>	NO change as of now
52	34.1	23	Limitation of liability	<p>request Adani to remove points b and c</p>	NO change as of now

53	38	25	Termination	<ol style="list-style-type: none"> 1. Request Adani to give bidder at least 30 days notice period before terminating the agreement. 2. Request Adani to make payment forthwith for all the work completed and on going on the date of termination. 3. Request Adani to give bidder an opportunity to terminate for convenience by giving bidder a notice period of 30 days. 4. Request Adani to give at least 30 days cure period to remove default if any. 	NO change as of now
54	40	27	Settlement of Disputes	Request Adani to add arbitration clause.	NO change as of now

55	41	28	Assignment	Request Adani to note that bidder shall execute instruments only for the assignment however not give any legal opinions	NO change as of now
56	41	28	Assignment	Request Adani to give prior notification to the bidder of any proposed assignment to third party by Adani.	NO change as of now
57	42	28	Confidentiality	Request Adani to note that confidentiality obligations shall survive for period of three years post termination or expiry of the Agreement	NO change as of now

58	3(A)	22	Health of meter cabin	<ul style="list-style-type: none"> • What would Estimate no of meter per cabin rows and column combination. • BoQ says 4500 cabins annually. Whether this is one time activity or staggered over monthly activity. If monthly what is the estimate of cabin per month. • Would a meter cabin be accessed and analyzed one time or multiple times. If multiple time what would be the frequency • How will the SAP API will be exposed to integrate with AI enabled Meter solution 	<p>There are approximately 1-300 meters per cabin.</p> <p>Meter cabins (@4.5 Lakh) activity is staggered over the year.</p> <p>- Meter cabin activity is annual activities</p> <p>Regarding "<i>SAP API will be exposed to integrate with AI enabled Meter solution</i>" - SAP API (web service) will be exposed to internet through SAP web dispatcher. API (Web service) will be configured in SAP PO.</p>
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59	3(B)	22	Quality of Meter Installation	<ul style="list-style-type: none"> • What is the maximum number of meters (in Lakhs) to be covered for quality assessment • What would be frequency of the same meter to be assessed for quality check <ul style="list-style-type: none"> • In AEML does all the individual meters covered in transparent boxes • How will the SAP API will be exposed to integrate with AI enabled Meter solution 	<ol style="list-style-type: none"> 1. Refer BOQ 2. Refer BOQ 3. No 4. Regarding "SAP API will be exposed to integrate with AI enabled Meter solution" - SAP API (web service) will be exposed to internet through SAP web dispatcher. API (Web service) will be configured in SAP PO.
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60	3 (C)	23	OCR/AI based (Photo) Meter reading	<ul style="list-style-type: none"> • What would be the maximum number of meters (in Lakhs) to be covered under OCR reading • What would be frequency of the same meter to be covered under OCR reading <ul style="list-style-type: none"> • Would there any preferred Adani Cloud storage platform to be considered or vendor can select platform of their choice. 	(Regarding " <i>preferred Adani Cloud storage platform</i> " - For SaaS solution offering Vendor can offer any cloud platform that suffice AEML's functional, technical & security requirements. Hyperreal
61	Section-IV	25	Bill of Quantity (BOQ)	<ul style="list-style-type: none"> • What would be the minimum monthly guaranteed images for modeling <ul style="list-style-type: none"> o Meter Cabin Health o Quality Assessment o OCR 	Refer Corrigendum

62	3.3	7	Eligibility Criteria	Project involves innovation and operation effectiveness using cutting edge technologies. Request to allow Startup registered under Govt of India (DIPP Registered) and working in similar space as mentioned in tender.	There is no restriction for Startup to Participate
63	3.4	8	Financial Qualification Criteria	Request you to consider for startup minimum 3 years of existence till date of submission and positive net worth in each FY.	OK

64	Section-VII: Project Delivery Schedule	28	Project to be delivered within 30 days of release of SO.	<ul style="list-style-type: none"> • What would be the minimum monthly guaranteed images for modeling <ul style="list-style-type: none"> o Meter Cabin Health o Quality Assessment o OCR • For efficient modeling of meter cabin/quality/OCR env quality and quantity of data is required for efficient model outcome (high accuracy) <ul style="list-style-type: none"> •With 30 days the accuracy achieved would be very low which will be substantial if project in practical sense considering all SAP integration and other integration points with proper testing and making it live with enhanced accuracy need time frame of at least 2-3 months. •During the initial project, all data points for model improvement to be provide to vendor AEML 	<p>Refer Corrigendum</p> <p>(Regarding "<i>During the initial project, all data points for model improvement to be provide to vendor AEML</i>" - Vendor need to carry out this activity based on the images received. Requirement analysis workshop shall be conducted for understanding the data/images)</p>
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65	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	13	Section-II: Instructions to Bidders (ITB)	Within how many days of bid submission will the SO be released?	After Technical evaluation it will take 30 days
66	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	32	Section VII	Can the project delivery timeline of 30 days be extended to 60 days	Refer Corrigendum

67	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	4	Section I: 2.Event information	Can the bid submission timeline be pushed to 1 July 2021 since the time period between revised corrigendum and current submission timeline is very less	Refer Corrigendum
68	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	7	Section I: 3.Eligibility Criteria	By when do we need to submit the Consortium declaration form?	At the time of bid submission

69	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	26	G) Common Requirements/deliverables:	<p>App data shall be integrated with SAP ISU and GIS</p> <p>a. The data shall be synchronized via web service to SAP ISU and GIS?</p> <p>b. Are there any other AEML IT Platforms where Integration would be required?</p> <p>c. There is a mention of change management portal (17.5) in Section 3C. Can you please specify what this is.</p>	a & b) The proposed SaaS solution should have capabilities to integrate with AEML IT systems including SAP, GIS (Geographical Information System- ESRI ArcGIS 10.6), WMS (Work Management System - Customised .Net system) etc..
70	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	26	G) Common Requirements/deliverables:	Does our scope also include change management, application maintenance & support of app & analytics solution?	YES

71	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	21	2. Background	<p>AEML has around 4 lakh meter cabins and more than 2/3 of the meter cabins are more than 15 years old.</p> <p>a. Is there a standard count of meters per Cabin? b. What are the type of meters is it all digital or even included analog meters?</p>	<p>1. Meter Count is from 1-300 2. All Meters are digital</p>
72	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	27	G) Common Requirements/deliverables:	<p>We need more understanding considering the below requirements :</p> <p>Cases for Image Analytics Processing:</p> <p>1. Order triggered on basis of Meter Reading note (0601 and 0603) - Meter Not at site & structure demolished cases respectively. 2. Reading received thru the "self-reading" option by customer.</p>	Refer corrigendum

73	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	27	G) Common Requirements/deliverables:	Can we use the video for screening the barcode, OCR and also read the meter reading- all that can be processed locally and that doesn't take bandwidth to take it to cloud?	Yes
74	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	NA	Based on Inputs received in Pre Bid Meeting	We understand that Chainway - C71 will be the device that is going to be used on the field. Can we use the barcode scanner from the device if that's accessible?	Yes

75	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	NA	Reference Images	What will be the number of images that will be provided for each make, model, type and different measurements.	To be Shared with successful bidder
76	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3: Scope of work	We understand that images will be shared with us. What will be the number of images that will be provided for each make, model, type and different measurements. (Meter specific)	Refer corrigendum

77	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	3. Scope of Work	<p>We understand that AEML would like to get the intelligent mobile-based application developed for its field staff (e.g. Meter reader) that will carry out different image processing tasks (modules) and further extended to capture more information from the field.</p> <p>a. Considering "More Information" what all additional information is expected to be captured through the app?</p>	Additional Information capture from field is not in a scope of this project.
78	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	<p>2. Row wise & column wise count of Meters in Meter cabin</p> <p>a. Do we need to detect and list other items in each row or column such as fuse, tripper switches etc.?</p> <p>b. What is the action if the meters are not organized in a structured row or column?</p>	1, Yes 2. It has to be identifies 3. Analysis has to produces.

79	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	<p>Condition of wiring/meter cabin (e.g. good /bad/worst)</p> <p>a. Good, bad, ugly to be defined.</p> <p>b. Image set for each condition will be required</p>	Refer Corrigendum
80	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	<p>Wires hanging dangerously.</p> <p>a. How to differentiate wires that are dangerous?</p> <p>b. Action if the wires are popping out</p>	<p>1. Blue print To be design. We will provide images of ideal board wiring.</p> <p>2. To be Reported</p>

81	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	<p>Any foreign object in meter cabin/theft/unauthorized asses</p> <ul style="list-style-type: none"> a. Define the size of foreign object - match box or a briefcase size? b. Define Unauthorised access? c. What is theft? 	Unauthorised means additional wires conncted to meter cabin or meter
82	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	<p>No/Poor cabin illumination.</p> <ul style="list-style-type: none"> a. Define good illumination b. The camera's flash will kick in if it's dark c. If there is opposing light, the cabin that is bright may look dark as well. 	It will be part of SDK development of bidder

83	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Obstruction/congestion in meter cabin (space constraint leading to problem in taking meter reading) a. Define standard sizes with images b. Define obstruction	Meter visibility from front side to be checked
84	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Meter Cabin having presence of any of the venomous animal. a. Define venomous animal	Foreign Objects

85	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Water coming inside meter cabin / no water proofing shed. a. Will a photo be taken of the specific place? b. Images to show good and bad will be required	Refer corrigendum
86	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Roof ceiling in dangerous condition a. Images for good and bad required	Refer corrigendum

87	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Dangerous Service Position (Service point /Mains Switch hanging/missing) a. Define dangerous with images as well as what is acceptable	Refer corrigendum
88	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Hanging/Damaged Meter Boards a. What is the action? Do we show in dashboard or send an alert?	Escalated detected observations

89	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Nos. of Cutouts (fuses) burnt/missing. a. How to find something is missing unless there is a previous reference image of the cabin?	Refer Corrigendum
90	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Nos. of Meters bypassed/broken/burnt a. How to identify what is bypassed?	Refer Corrigendum

91	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Neutral Condition a. Define neutral condition	It Means that neutral wire is missing
92	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Termination of Cables a. Define with images	We will discuss with Succseful bidder

93	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Height of termination from ground a. Will be difficult to identify this without a perspective	Measurement of Cable termination w.r.t. ground
94	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Condition of consumer DP a. Define with images	Loose / alignment / handing DP's

95	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Condition of Earthing a.How to visually identify this	Check corrosion in Earthing
96	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Cable Size a. Define sizes with images b. Will there be a color difference?	Sizes are different for different current carrying capacity of cable. Color will always be yellow.

97	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	Will data exchange with SAP be two way? Who will build this? Is this part of the proposal?	Yes. This will be discussed during requirement analysis workshop while finalising proposed business process. There may be two way integration requirements with SAP. In such cases SaaS side development should be done by vendor. SAP side development will be done by AEML
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98	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	22	Section 3A	The meter cabins don't have a ID as such. How are they tagged ?	In SAP its tagged as "Connection Object". There is footprint in SAP for each meter cabin , however this number is not available on site
99	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	When the abnormality is stated as "Damaged/Broken Meter". What all signs will categorize the meter as damaged? Is there any further classification of damaged meter abnormality?	To be discussed with successful bidder

100	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	<p>While we need to identify the quality of the meter with abnormality like "Meter seal missing/broken".</p> <p>a. We may need to understand where exactly the seal will be placed on the meters.</p> <p>b. Will it is in a constant place or will differ from meter to meter?</p>	Generally each meter has terminal seal which is at input section and hologram seal which are applied at body. Position will vary as per meter type and size
101	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	<p>We understand that "Proper connection of all incoming and outgoing wires to and from every meter with the proper size of crimping lugs & clipping to be identified" is an abnormality. Considering this, we may need to further understand all the connections and wirings that are present for all the different meter designs.</p>	To be discussed with successful bidder (To be rephrased as - "Improper connection of incoming & Outgoing wires to Meter")

102	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	No Meter display/Blinking display: Blinking meters can be identified only with video. Hope its okay to use video that can be processed locally on the edge? What is the blinking frequency per second ?	Yes "What is the blinking frequency per second"...To be discussed with successful bidder
103	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	Burnt/Smoky Meter a. It's colour change the only parameter to identify this or there are other ways to find visually?	To be discussed with successful bidder

104	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	<p>No Meter display/Blinking display</p> <p>a. Can't be done with photo analytics</p> <p>b. What is the frequency of blinking of the reading?</p>	<p>a. Video analytics shall be used if feasible</p> <p>b. To be done with succesful bidder</p>
105	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	<p>Spot on Meter display</p> <p>a. To be defined</p>	<p>There is black spot on meter display. Details will be discussed with successful bidder</p>

106	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	<p>Meter seal broken</p> <p>a. Images for different type of seals</p> <p>b. If a person is standing at a two feet distance, can the person tell whether a seal is broken by seeing it?</p>	To be discussed with successful bidder
107	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	<p>Terminal cover seal broken</p> <p>a. If a person is standing at a two feet distance, can the person tell whether a seal is broken by seeing it?</p>	To be discussed with successful bidder

108	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	Proper connection of all incoming and outgoing wires to and from every meter with proper size of crimping lugs & clipping. a.Can these be identified by someone who is seeing it from 2 feet distance?	Yes. (To be rephrased as - "Improper connection of incoming & Outgoing wires to Meter")
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109	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3B	<p>Cross check the Meter Sr. no. with the Meter number mentioned in SAP order & flag error in case of mismatch.</p> <p>Question: Does the SAP provide a data exchange? Is this party of the scope?</p>	<p>Direct integration with SAP ISU is not required for this requirement. Data (i.e. SAP order) shall be exchanged with AEML Mobile App which has integration with SAP ISU. Exact integration process shall be discussed during requirement workshop.</p> <p>The Vendor's solution shall have capability to integrate with SAP ISU. Webservices are available for SAP Integration. However Bidder to provide API to integrate with AEML systems wherever required</p>
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110	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3C	Section 3C specifies that analytics should create overall health score with probability of failure. What will be the logic to calculate the overall score.	To be discussed with successful bidder
111	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3C	GIS No detection a. Are these fully visible when seen straight	Stenciled

112	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3C	Condition of Base plate a. Define good bad and ugly	Unavailable and if available then check corrosion and height of base plate
113	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3C	Condition of canopy a. Define good bad and ugly	Availability & Corrosion

114	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3C	Condition of Busbar a. Define good bad and ugly	Alignment
115	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	23	Section 3C	Abnormalities reported in pillar should be sent to SAP with creation of Notification. Question: what is the mode to notify	Abnormality reporting to SAP shall be done using SAP web service/API through SAP PO.

116	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	24	Section 3C	Alignment of pillar a. Difficult to predict without a perspective or reference to another with an image	Pillars are generally Straight
117	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	24	Section 3C	Aesthetic quality of pillar a. Define	Painting of Pillars , corrosion & avialability of posters

118	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	24	Section 3C	Fuse Blown a. How to identify this visually seeing this from outside	Release of Fuse Pin
119	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	24	Section 3C	Burning of terminations a. How to identify this visually seeing this from outside	Thermal Imaging & Carbon deposit / falsh marks

120	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	24	Section 3C	Analytics should specify the location of hotspots with temperature of the contacts / terminations for correction. a. How to measure temperatures? b. What's a hotspot?	Thermal Imaging Hotspot is rise in temperature w.r.t. other components
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121	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	24	Section 3C	Analytics should create an overall health score with probability of failure of the components in the pillar and report to SAP. Question: logic to be defined	For LT Pillars Health score should consider following depending on weightage Thermal Imaging, Alignment of Contacts Allignemnet of Pillars Foundataion and Base condition Corrosion Status Corrosion of Contacts Termination of cables
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122	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	24	Section 3C	Reporting structure Question: Is this part of the scope?	Queries Not Clear
123	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	24	Section 3D	Identify Pole Number a. Is this seen fully if seen straight	Yes

124	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	24	Section 3D	<p>Section 3D states that we need to capture the health and quality of street light poles.</p> <p>Assuming that the light poles are taller than 20ft, how will the top part of the light pole be captured using mobile device</p>	We generally use hydraulic booms for inspection
125	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	25	Section 3E	Mimic Diagram a. Define	We have mimic diagrams generally specifying type of Equipments

126	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	25	Section 3E	Oil Level a. What is a reference to calculate the level!	MOG have reference level observators through glass pane
127	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	25	Section 3E	Body Earthing availability condition a. How to identify this?	Whether earthing is available and if available then its condition (corrosion)

128	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	25	Section 3E	Cable earthing availability condition a. How to identify this	Available (Yes/ No)
129	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	25	Section 3E	VPI healthiness condition a. Define	Display via OCR

130	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	3	2.4 Bid Details	<p>What is Contract Performance Bank Guarantee.</p> <p>Do we have to submit any additional amount apart from Earnest Money Deposit? Need more clarity on this.</p>	<p>At the time of bid submission only EMD to be submitted ; CPBG need to be submit after placement of the order to the successful bidder only</p>
131	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	28	Section-IV: Bill of Quantity (BOQ)	<p>If the process is to take multiple photos for one or more features, how do we calculate cost per click?</p>	<p>Refer corrigendum</p>

132	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	40	Annexure 1	In Annexure 1, SN 4., the penalty given is INR 1000 x (Gap between actual and scheduled) x no of days delayed. However, we understand that the gap between actual and scheduled and no of days delayed is same. If so, why is it multiplied twice.	Refer Corrigendum
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133	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	15	B. Envelope-II should contain (To be submitted Online)	a. What all document/information should be included as part of Techno Commercial Bid ? B We understand that no technical literature and other documents required and what shall be the other documents considered to be included as envelop II. C. Shall we include the architecture specifics/technical specifics as part it ?	Kindly refer NIT documents pg no 15 point B
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134	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	9	T1. Technical Qualification Criteria	How many PO's are expected to be attached as part of Documentary evidence of Purchase orders / Framework agreements from past 3 years	Till date PO executed and awarded to vendor
135	Tender Notification Image Analytics with OCR (Optical Character Recognition) facility to access meter cabin health and proper installation.	32	Section VII	Within how many days of bid submission will the SO be released?	After Technical evaluation it will take 30 days

136	NA We want to understand the user expectation in terms of time taken to process an image	NA		What is the time expectation to complete the reading of one meter? How much does it take now?	10 seconds
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137	There should be a provision to capture reasonably accurate location information	26		Can you specify what is the map module? Is this an Adani internal application or something to be provided by us?	Business to confirm following: Bidder to provide Map module comprising services of map providers (e.g. Google Map, Bing & ArcGIS) to pin-point the photo/images in geographic map based on various criteria.e.g. to view/locate mismatch cases w.r.t. actual location of meter/meter cabin & sr. no in geographic map. This will discussed in detail during requirement workshop.
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138	Project to be delivered within 30 days of release of SO.	32		Are we permitted to propose a longer phased timeline with the critical functionalities delivered earlier?	Bidder to propose
139	You mentioned that the field team uses a Chainway C71 handheld	NA		Will we be able to get a sample for us while we develop a POC - for our performance testing	Refer Corrigendum
140		NA		What are the default Adani applications running on the handheld and what is the available CPU/RAM for our app	AEML android based GIS app (EASE GIS & My Work) is being used by users having various types of Mobile devices. Major portion of users use Mobile devices with following specs RAM : 4 GB

141	F1 & T1: Financial and Technical qualification	9		Is there a relaxation available for startups given that we will be eliminated based on this criteria. We can partner with larger companies to pass this criteria but that will raise the overall cost of the project	NO change as of now
142	Contract Performance Bank Guarantee (CPBG)	4		Is there any relaxation of PBG for startups/smaller companies, given that is anyway a usage based contract for adani	NO

143	ANNEXURE I, PRICE SCHEDULE		Image Analytics Software	We understand that Bidder is expected to develop a cloud based Image Analytics software and mobile App(Android only) for field staff	Yes. Vendor need to provide SDK/API for integration with AEML's Mobile app compatible with Android 6.0 & above. Further Vendor need to provide a standalone basic Mobile App (android 6.0 & above) separately for testing of core functionalities.
144	ANNEXURE I, PRICE SCHEDULE	NA	Assess health of meter cabin & Quality of Meter Installation (Annual qty)	Kindly confirm scope here. Is there any field activity expected from bidder ?	No Field Activities Expected other than capturing photos with AEML from site to develop the model

145	RFP : Section-V: Technical Specifications	NA	1. SaaS (Software As A Service) based Cloud service delivery model (image storage & processing)	Pls clarify, if cloud hosting environment will be provided by Adani and bidder should comply to Adani cloud partner. We understand GCP is the current cloud partner.	Bidder has to offer SaaS solution with Cloud service provider of their choice that suffice AEML's functional, technical & security requirements. However, Adani prefer Hyperreal Ensure high Availability (>99.9% uptime)
146	General	NA	Support post go live	Pls clarify, what type of support is expected from bidder post Go live. Is it only application AMC or remote L1/L2/L3 application support also required during contract period of 3 years.	Vendor should provide the Post deployment AMC & support (for 3 years excluding warranty) for the solution delivered. Ensuring the accuracy shall be in the scope of Vendor. The support shall include L1/L2 & L3 application support.

147	Section-VII: Project Delivery Schedule	NA	Project to be delivered within 30 days of release of SO. Validity of Contract – 3-year period. The initial one-month period post-delivery is stabilization period.	As per RFP, Development of Image analytics software and field Mobile App to be deployed in live environment within 30 days, which seems to be very aggressive timelines, we request to kindly make it 90 days.	Refer Corrigendum
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