M/s. Crompton

Sl.No.	Section	Clause No.	Query	Reply by VOCPA
1	Section I – NIT	1.2-Technical Clarification	Confirm if 25 Lux (operational) & 10 Lux (approach) are average maintained values or minimum values. Clarify grid spacing method (IS:1944/DIN 5035).	It is clarified that Minimum lux of 25 to be achieved for operational area and lux of 10 for approach area. Maintenance factor is 0.8%
2	Section I – NIT	1.2-Scope Clarification	Scope of shifting existing high masts – confirm if refurbishment of foundation, winch cables, lantern carriage included.	Tender Condition prevails
3	Section I – NIT	1.2-O&M Scope	CAMC scope – confirm inclusion of replacement of drivers, LED modules, winch ropes. Preventive maintenance schedule predefined or bidder to propose?	Tender Condition prevails
4	Section I – NIT	1.3 (b)-Eligibility Criteria	Confirm if similar work executed for private ports/industries with TDS certificate is acceptable. Are partial projects valid?	Work credentials submitted from Private Organisations against Similar Work experience shall be supplemented with TDS certificates. Partial projects are not acceptable.
5	Section I – NIT	1.4-License Requirement	For JV/Consortium, is it sufficient if only one partner holds ESB/ESA/EA electrical license?	All the JV partners should have the license
6	Section II – ITB	2.2-Bidding Process	Is Class-III Digital Signature mandatory for all consortium partners or only lead partner?	It is clarified that since Lead Member / Partner has to bid for the tender, they must have valid DSC.
7	Section II – ITB	2.5-Design Basis	Will VOCPA provide soil SBC data and wind speed assumptions for mast structural design?	It is clarified that the Soil Bearing capacity is 5T/sqm. Regarding Wind speed bidder may get information from IMD for this region.
8	Section II – ITB	2.6-Site Visit	Will VOCPA arrange site entry/security passes for bidders during site visit?	Yes
9	Section II – ITB	2.12-Commercial Terms	Confirm if GST is excluded from evaluation. Is price variation allowed for steel/aluminium volatility?	Price bid is exclusive of GST
10	Section II – ITB	2.15-EMD Clarification	Insurance Surety Bonds – confirm if all IRDAI-approved insurers accepted. For JV, can EMD be furnished jointly?	Yes
11	Section II – ITB	2.16-Technical Submissions	Confirm if Dialux/AGI32 lighting design simulations must be submitted with bid.	Tender Condition prevails
12	Section II – ITB	2.24-Field Test	Clarify lux measurement procedure for field test. Is bidder allowed to adjust luminaire beam angle/positioning? Will second trial be permitted if failed?	Tender Condition prevails
13	Section II – ITB	2.29-Performance Security	Confirm validity of Performance Security – only contract completion + 60 days OR inclusive of 2-yr warranty + 5-yr CAMC.	The validity of performance security up to till completion of Contact including successful completion of CAMC period of 5years.
14	Section II – ITB	2.30-Make in India Policy	What is minimum local content % required for LED luminaires and steel masts under Make in India?	Tender Condition prevails
15	Section III – GCC	3.7-Execution Schedule	Confirm if site handover will be simultaneous for all mast locations or phased.	Site handover will be planned as per the planning of the Contractor subject to adherence to project timeline.
16	Section III – GCC	3.9-Completion/Handover	Is partial handover and acceptance certificate allowed for completed mast groups?	Tender Condition prevails
17	Section V – Tech Spec	Luminaire Performance	Specify minimum system efficacy (≥120 lm/W or ≥160 lm/W). Clarify CRI (≥70/≥80), CCT (4000–5700K).	Tender Condition prevails
18	Section V – Tech Spec	Protection & Controls	Confirm luminaire IP66/IK08 protection requirement, SPD 10 kV CM/DM, and driver dimming interface (0–10V/DALI).	Tender Condition prevails
19	Section VI – Scope	Execution Responsibility	During mast shifting, will VOCPA provide cranes, or bidder to arrange? Clarify disposal of old foundations.	The Contractor shall dispose of old foundation and maintain the existing ground level for free movement of traffic.
20	Section IX – Price Schedule	Financial Evaluation	Confirm if evaluation is overall L1 or item-wise. Will CAMC payment be quarterly? Is escalation allowed after 3 years?	Tender Condition prevails

M/s. Signify Innovations India Ltd

Sl.No.	Point Reference	Description	Query	Reply of VOCPA
1	Field Test	The tenderer may be allowed to alter the position, number of wide beam & narrow beam luminaries & keeping total number of fittings constant, in order to meet the requirement of field test.	It means that every high mast uses the same type of luminaires and the same number of luminaires.	Please refer Corrigendum
2	Field Test	The lux level obtained on each tower of the Technically Approved tenderer would be measured & certified by TPIA during field test. Decision of VOCPA on this matter shall be final. Field test would be taken for High Mast towers only.	Lux level measurement has to be carried out for every installed high mast tower or only a particular tower selected by VOCPA.	It is clarified that the Particular tower will be selected by a VOCPA
3	17. LED luminaires:	TM-20 life projection calculation along with LM80 for all three ambient temperatures of 55/85/105°C as per applicable standard shall be submitted to substantiate that the life of LED chip shall be more than 60000 burning hours. The LEDs shall comply with Photo biological Safety norms as per IEC 62471 I EN 62471/ IS: 16108.	Life project calculations can be provided in TM21 Curve	Tender Condition prevails
4	17. LED luminaires:	Housing- Housing extruded either Al. enclosure LED fixtures or die cast aluminium housing with epoxy powder coating and having cooling fins for effective heat dissipation. Separate cavities for LED and Drive.	High Pressure Die Cast aluminium material, with Integrated optics	It is clarified that the material will be High pressure die cast aluminium along with integrated optics.
5	17. LED luminaires:	Glass cover- Heat resistance toughened clear glass cover.	please include the cover as Integrated PC optics which gives Better IK than regular Heat resistance toughed clear Glass Cover	Tender Condition prevails. However, better options may be offered by the bidder.
6	17. LED luminaires:	IP Rating IP 65	Luminaire should have IP66 & IK10 protection which ensures reliable performance in dusty, wet, and rugged outdoor conditions. It should have corrosion resistant powder coating to pass NSS of 500 Hrs in harsh environments such as salt atmospheres	Tender Condition prevails
7	17. LED luminaires:	Burning hour 60,000 hrs	50000 Burning hours @L70B50	Tender Condition prevails
8	17. LED luminaires:	The contractor is requested to calculate the present luminaries and how many luminaries required to achieve the minimum lux of 25lux at entire dock area.	please provide the existing no of luminaires per Mast type (20 Mtr,30 Mtr and 40 mtr)	Please refer Corrigendum
9	SECTION – VI SCOPE OF WORK(Point no. 15)	The contractor is requested to supply, installation, testing and commissioning of web based smart controller for all the high mast along with feeder pillar box.	please clarify the requirement whether we need to propose only " Control ,Monitor and On/Off type Or Dimming is required. If dimming is required please confirm whether it is Individual Dimming or Group Dimming.	Tender Condition prevails. Bidders are free to give additional features.
10	SECTION – VI SCOPE OF WORK(Point no. 39)	Illumination Report submit on monthly basis for status of lighting system and quarterly submit the lux level report. The measurement to be taken in front of Dock Safety officers and along with Department officials.	Illumination Audit can be done on quarterly basis	Tender Condition prevails

M/s.Bajaj

Sl.No.	Section	Description in tender document	Query	Reply by VOCPA
1	3. Dynamic Loading	The firms shall furnish necessary RCC foundation drawing for approval based on the soil bearing capacity Test results/OEM. The foundation shall be designed to meet the soil conditions. The foundation shall have adequate bolts of adequate diameter and height for anchoring the base plate of the mast. The contractor shall ensure correct vertical and horizontal alignment of the foundation bolts while carrying out the foundation works by using suitable steel template. The height of the foundation shall be 500 mm above the nearby level of the road. Conducting soil bearing capacity Test for pile foundation is in the scope of the contractor.	Since the specification mentions that the mast is having pile foundation, we request you to kindly share the SBC details along with the soil test report of the proposed high mast location if any readily available. Also, in the Technical Data Sheet (page no. 78), it is mentioned for raft type foundation. In view of the above, we request you to kindly confirm how many masts are proposed with pile foundation and how many masts are proposed with raft foundation.	It is clarified that the Soil Bearing capacity is 5T/sqm. Based on Soil Investigation Report, the Contactor shall design the foundation and shall be submitted for approval of VOCPA.
2	11. Electrical Hoist Cable	The electric cable shall be 2x 5 core x 4.0 sq.mm. round type made of strands of plain copper wires ATC conductor, EPR insulated, Cotton braided, and PCP outer sheathed with black cable and flame retardant to get flexibility and endurance with Rodent proof coating.	In technical data sheet page no. 78 Sr. no. 14, it is mentioned for 5Cx2.5sqmm trailing cable. Kindly confirm the correct size of the trailing cable and its specifications	It is clarified that it is 2 runs of 5 Core 4.0sqmm EPR insulate cable for trailing cable.
3	Section VI Scope of work	The subject work is intended to achieve a minimum of 25 lux of the entire dock area 10 lux of the approach road area of the VOCPA premises.	Please share the area to illuminate (i.e radius or diameter). Also, please provide the AutoCAD layout drawings of the same with details of mast locations, new and relocation planned..	It is clarified that the required lux level shall be achieved around 60meter radious of the high mast.
4	List of Preferred Make of Materials	7. LT Panel - SIEMENS / L&T / SCHNEIDER/ ABB	We request you to kindly include or equivalent makes for the panel vendors under High Mast OEM approved CPRI vendors. As Siemens, L&T, Schneider, and ABB are manufacturers of type tested MCC and PCC panels, and they do not manufacture load panels and feeder pillars required for high mast applications, we request your confirmation on including equivalent CPRI approved makes as per High Mast OEM approved makes. Kindly confirm.	Tender Condition prevails
5	BOQ	Supply & installation of GI Weatherproof IP66, Junction Boxes on the top of the existing 20/30/40Mtr high mast tower. (2Nos each high mast) as per the specification.	The Junction boxes shall be cast aluminium IP 65 type instead of GI IP 66 junction box.Please confirm the same.	It is clarified that Stainless Steel along with IP 65
6	BOQ	5 (v). Supply and installation of Hot dip galvanized lantern carriage on the existing 20/30/40Mtr high mast towers, as per the specification.	The existing high masts installed and planned for relocation at sites are of 20 m, 30 m, and 40 m height, with varied top and bottom across flats. We request the following details for each type of mast: 1)Quantity and dimensional drawings 2)Carriage inner diameter details 3)Number of carraige arms and arm lengths 4)Type of wire rope system and its diameter and grade of wire ropes (2 rope or its 2/3 rope system) 5)Winch and motor current operating conditions 6)Nuts and bolts required 7)Junction box requirements 8)Accessories for wire rope and trailing cable 9)Base components and required accessories 10) head frame requirements and the number of pulleys for 20 mtr, 30 mtr and 40 mtrs mast with its qty planned for relocationsIn short, kindly share the specifications and drawings of the existing masts, carriage, headframse for above mentioned height mast, so that we can study them and consider the specifications correctly for bidding	If required to conduct site survey by the bidder
7	BOQ	8. Outdoor type SS Pillar Box: -Supply, erection, testing and commissioning of Outdoor type pillar box:The panel shall be outdoor type, dust, vermin weatherproof, IP65, enclosure fabricated from SS316 grade sheet of 2mm thick, suitable angled and flat mounted on GI C type channel (ISMC) along with providing suitable foundation concrete.The pillar box incorporating the following specifications along with suitable bus bar arrangement:Incomer: 400A, (3Pole + N disconnect switch)- 1NoOutgoing: 250A (3Pole + N disconnect switch)- 2 NosOutgoing: 125A (3Pole + N disconnect switch)- 4 Nos Busbar: Aluminum Flattype busbar with insulation, Analog type 24Hrs, Time switch-2 Nos, MNX 70 Contactor -2Nos for controlling streetlights. The streetlights controls should be aWeb based intelligent smart controlling system to control the multiple networksystem.	We have reviewed the specification for the Outdoor Type SS Pillar Box as detailed . We request you to kindly confirm for the clarification on the intended application of this panel.As per the specifications, the panel includes provisions for streetlight controls with a webbased intelligent smart control system. Since a separate high mast smart lighting panel is already being provided, we are unable to clearly understand the exact purpose and application intended for this SS pillar box.Kindly confirm the application requirements and detailed use of this panel so that we can consider the requirements for bidding accordingly. Kindly confirm	Tender Condition prevails
8	General	Panel	Please share schematic diagram of the panels given in the BOQ.	It is clarified that the Contractor shall furnish the drawing and datasheet for approval of VOCPA before manufacturing.
9	17. LED Luminaire	Preferred make of LED Driver: PHILIPS/ MEANWELL / OSRAM / BAG	Request you please add make list "PHILIPS/ MEANWELL / OSRAM / BAG/ Inventronics/ Bajaj	Tender Condition prevails

M/s.Sabhari Electricals

Sl.No.	Query	Reply by VOCPA
1	As per the tender document it has been mentioned as the SITC work completion of 30Mtr high mast, as per our understanding, this requirement may limit competition among potential bidders. Therefore, we kindly request that you consider work experience involving masts taller than 16Mtr as sufficient for eligibility in this tender	Tender Condition prevails
2	In technical data sheet page no. 78 Sr. no. 14, it is mentioned for 5Cx2.5sqmm trailing cable. Kindly confirm the correct size of the trailing cable and its specifications	It is clarified that it is 2 runs of 5 Core 4.0sqmm EPR insulate cable for trailing cable.

M/s.Schnell Energy

Sl.No.	Query	Reply by VOCPA
1	Restricting the similar work experience exclusively to 30Mtr highmast installation significantly narrows the pool of eligible bidders potetially restricting participation to only a very small number of contractors. This limits fair competition and may affect optimal price discovery for VOCPA	Tender Condition prevails
2	We respectfully request the authority to consider broadening the similar work experience definition to supply, installation, testing and commissioning of highmast/street lighting/octogonal poles with LED Lighting systems and associated electrical works	Tender Condition prevails

M/s.Schnell Energy

Sl.No.	Query	Reply by VOCPA
1	As per the tender removal and relocation of the highmast has been mentioned but number of highmast need to be relocated haven't specified in the tender.	Tender Condition prevails
2	In this tender it is mentioned that the bidder should submit the scanned copy of a valid Electrical contractor license ESB/ESA/EA Grade issued by the licensing board. We currently hold an Electrical inspectorate B-Class Contractor license with a 250-KW permit and an A-Class supervisor license with a 500-KW permit. Kindly confirm whether these two license are applicable for meeting the tender qualification	Tender Condition prevails