

**Project Name: Supply and Install Airfield Lighting and Navi Aids at H.dh Kulhudhuffushi Airport****Announcement Number: RACL/IUL(PROC)/2021/20**

| # | Query | Clarification |
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| 1 | Civil Works Please clarify if the client will provide Civil related works towards AGL installation (Bases, Foundations, trenching etc.,) or the Bidder have to include Civil works and Civil materials cost in the Bid Price. | Please refer to ToR. Refer to page 10 of the drawings for details. Contractor to supply and install as per details provided. |
| 2 | AGL Primary & Secondary Cable Primary & Secondary Cable Quantity was not mentioned in the BOQ, can we calculate the required quantity of AGL Cables as per Design and mention in the Proposal. (Cable quantity needs to be considered as per Alternate Circuit requirement) <ul style="list-style-type: none">• Approx. Primary Cable: 14000 Mtrs.• Approx. Secondary Cable: 2000 Mtrs. | Yes, refer to the drawings. AGL cable layout (CCR - Runway lights) (CCR-ATC) has been updated. |
| 3 | Aerodrome Identification Beacon (Rotating Beacon) Beacon Light was not mentioned in the BOQ, do you require to include this Beacon Light in the Proposal. If required please provide specification requirement. | Beacon not required. |
| 4 | Apron Flood Lights (02 Light Towers) Apron Flood Light was not mentioned in the BOQ, do you require bidders to supply & install Apron Flood Lights. If required please provide specification requirement including required Cables. | Specifications shown in the drawings. 3 lights per mast (total 6)- LED lights Specifications: LED 350w power 20-240v IP65 Flux (lm) 32700 |
| 5 | AGL Control & Monitoring System (Complete with PLC and HMI Touch Control System) AGL Control and Monitoring System was not mentioned in the BOQ. This is a compulsory part of the AGL System to Control and Monitor the AGL System. Please Clarify. | To be located at 1 st floor of fire building (02 on building legend) Length from runway No ATC tower |
| 6 | DB Relay Power Control Box DB Relay Power Control Box was not included in the BOQ. This Power Box is required to power up CCR, Wind Cone, Rob, Ob, & Flood Lights. Please Clarify. | Required power will be supplied by RACL up to the control room. |
| 7 | Earth Cable Runway Earth Cable for the Runway Installation was not mentioned in the BOQ. This Earth Cable required for connecting each AGL Light Fitting & Isolating Transformers on the Runway for Safety and surge. (Approx. 5700 Mtrs.) Please clarify. | Required to be supplied and installed by the contractor. |
| 8 | Earth Rods and Clamps Earth Rods and Clamps were not mentioned in the BOQ. Please clarify if the bidders can add this requirement in the proposal. (Approx. 36 Sets) | Please include |





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| 9 | Power Connection Cables for Wind Cone Power Connection Cables for Wind Cone was not mentioned in the BOQ. Please clarify if the bidders can add this requirement in the proposal. (Approx. 400 Mtrs.) | Please refer to the drawing. |
| 10 | Steel Transformer Housing Cans/Boxes (CI Box) Steel Transformer Housing Cans/Boxes (CI Box) was not mentioned in the BOQ or in the Specification documents. Do you require to install the Isolating Transformers in the CI Steel Housing Box or Direct Burry on the Ground. Please Clarify | Please refer to the drawing. Isolating transformer box foundation for runway edge & end lights. |
| 11 | Following Items were not mentioned in the Tender BOQ Power Cables Required for CCR, Power Panel, ROB There will be other Power Cables required for CCR, Power Pane, ROB, Will you allow the bidder to add these additional cables to the proposal BOQ? Please Clarify. | ROB is not included in the scope. Required power will be available from the control room. This will be provided by RACL. |
| 12 | Runway Edge Elevated LED lights – Total numbers in your documents = 40 {Based on your drawing (with 1-Inset fitting) = 39} | 1 light is included as a spare. |
| 13 | Taxiway Edge Elevated LED lights – Total numbers in your documents = 38 {We assume this figure is the total of Taxiway, Apron and Runway End Turning Pads} | correct. |
| 14 | PAPI – Are you looking for PAPI or APAPI system? | APAPI. Please refer to the drawings. |
| 15 | Signage a. Runway Exit Sign: Taxiway guidance sign for both taxiways already supplied to this airport by us. Do you still require additional Runway Exit Signs? b. Mandatory sign with location: There are so many mandatory signs in aerodromes (hold position for taxiway/runway intersection, holding position for runway approach area, No Entry, Etc.) What are the mandatory signs? Can you be specific? c. Location sign: Taxiway location A & B already supplied to this airport by us. You have only 2-TWY to locate and to exit from RWY and other location signs like visual cue to pilots, etc. – Do you really require any other signs in this 1200m? | Required as per drawings. |
| 16 | CCR a. PAPI (Mains & Standby) – Do you want have 2 CCR for Main and Standby? b. RWY Edge 2 Circuits – Require 2 CCR ---- Please confirm? c. Taxiway/Apron/Runway turning Pads – Do you want this to have a separate circuit with separate CCR? | a. We require main and standby only for APAPI as per BOQ. b. As per BOQ we require one CCR per circuit. c. Not required currently. |



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| 17 | Apron Flood Lights – Do you require this? If yes, what’s the height and what’s the light configuration in each mast? | As shown in the drawings. 3 lights per mast (total 6)- LED lights Specifications: LED 350w power 20-240v IP65 Flux (lm) 32700 |
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| Abdulla Mizan General Manager – Procurement |  |
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