

Scope of Works, Specifications and Performance Requirements for Airside Markings

The work consists of refreshing markings (Chlorinated and Glass beads) on the Runway and requirements are as follows but not limited to;

1. Prior to start of works, Contractor should obtain work permit from Airfield Operations
2. All Contractors' personnel shall follow a security and safety briefing session prior to commencement of works on site. Contractor shall abide to all airport standing procedures.
3. Contractor will be given slots of work to be carried out during night time by Airfield Operations.
4. Painting work on Runway, Taxiway and Apron will be implemented after last aircraft movement normally after 23.00hrs upto 05h00 the next day.
5. In case of any emergency landing and take-off, Contractor will be informed to vacate the workplace within 15 minutes from time of communication.
6. The paint used for the work shall be specifically manufactured for such purpose. It shall be suitable for applying by low pressure spraying equipment and high pressure spraying equipment to give chemically stable film of uniform thickness.
7. All paints and glass beads shall be applied and stored in all respects in accordance with the manufacturer's instructions. Unless otherwise specifically agreed with the Employer, paint shall be applied without the use of thinners or other additives.
8. All materials to be used for completion of these works shall be provided by the Contractor. Samples and specifications for paints and glass beads should be submitted for approval prior to start of works. AML reserves the right to call upon MSB or SGS to carry out appropriate tests as regard to standards of paints & beads being used.
9. For glass beads, angular glass and/ or calcined aluminium of a much smaller size than ballotini beads shall be used. The glass beads shall be sprayed on the wet paint between 0.7 and 0.9 kg/litre of paint or other standard rates may be proposed by Contractor, subject to the Employer's approval and acceptance.
10. Glass beads shall be sprayed onto the surface of the wet paint, rather than mixed in with the paint.

11. All beacons to be used for this project should be flashing type and easily noticed during works on site.
12. All personnel on site should wear fluorescent jackets during execution of works.
13. After painting works, site should be kept tidy and all debris should be carted away or removed from the site.
14. All freshly painted areas should be well dried prior to release of painted areas to traffic.
15. Pails and gallons of paint to be used for markings should be well sealed in order to avoid spillage.
16. After completion of work, all permits to work should be returned to Airfield Operations.
17. In case of bad weather conditions, Contractor will be informed by AML so as not to mobilise for painting works.
18. Prior to start of works, Contractor may be required to proceed with trial markings for both Chlorinated and glass beads markings.
19. In case of an emergency request, Contractor must be able to mobilise for painting works within 4 hours of the request time.
20. All completed works will be checked and commissioned by the Employer's representatives and any necessary corrective works must be carried out by the Contractor without any additional cost.

Note:

- All debris and left overs shall be disposed according to Rules and Regulation pertaining to the prevailing Laws and Regulations with regard to environment.
- AML shall not be held responsible in any circumstances in case the Contractor shall be contravening such Rules & Regulations.
- Contractor's personnel and vehicles must have appropriate access permits from the DCA in order to access the work area. AML will assist Contractor for access permit arrangements; however, all cost related shall be borne by the Contractor.
- Contractor must note that all quantities in the BOQ are indicative and payment will be based on measurement after completion of works.
- Contractor is informed that a Work Order/Purchase Order will be issued as instruction for each work that will be required during the duration of the contract.

- Contractor is informed that under this contract, all the works mentioned in the BOQ may not be carried out. Works will be re-measured after completion for payment purposes.
