



CITY OF HOUSTON

Administration & Regulatory Affairs Department
Strategic Purchasing Division

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December 20, 2012

Subject: Letter of Clarification No. 1
Asphalt Emulsion

Reference: Invitation to Bid (ITB) No.: S35-S24311

To All Prospective Bidders:

This Letter of Clarification is issued for the following reasons:

- To revise the above referenced solicitation as follows:
 1. To extend the bid opening date from January 3, 2013 to January 24, 2013
 2. In Section B, Page 6 of 17, **add** the following;
 - 3.0 MATERIALS SPECIFICATIONS:
 - 3.1 The CSS-1, AE- P and CRS-2 Asphalt Emulsions must meet the following minimum specifications.
 - 3.1.1 Items 1 & 2: CSS-1:

Furol Viscosity @ 77 deg. F.,	Min.: -30, Max.: -100
% Residue by Distillation	60
Oil Portion of Distillate, %	2% Max.
Sieve Test, %	0.1% Max.
Miscibility (Std. Test)	Passing
Cement Mixing, %	2.0
Storage Stability, 1 day, %	1% Max.
Freezing Test (3 Cycles)	Passing
Ductility @ 77 deg. F.	100

Partnering to better serve Houston

Council Members: Helena Brown Jerry Davis Ellen Cohen Wanda Adams Mike Sullivan Al Hoang Oliver Pennington Edward Gonzalez
James G. Rodriguez Mike Laster Larry Green Stephen C. Costello Andrew Burks Melissa Noriega C.O. "Brad" Bradford
Jack Christie **Controller:** Ronald C. Green

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Asphalt Emulsion for Various Departments

3.0 MATERIALS SPECIFICATIONS (CONTINUED):

3.1.2 Item 3: CRS-2:

Availability	Bulk
Application Temperature	60 deg. 160 deg. F
Storage Temperature	60 deg. 160 deg. F
Viscosity, Saybolt Furol at 77 deg.F, seconds at 122 deg. F., seconds	150 min. – 400 max.
Sieve Test %	Maximum 0.10
Demulsibility, 35 ml. 0.8% Sodium Dioctyl Sulfosuccinate, %	40 minimum
Storage Stability, 1 day %	Maximum 1
Particle Charge Test	Positive

Distillation Test:	
Residue, % by weight	65 minimum
Oil Distillate by volume of emulsion, %	.50

Test on Residue from Distillation:	
Penetration, 77 deg.F, 100 g., 5 sec.	Min.: 120, Max.: 160
Ductibility, 77 deg. F, 5 cm./min.cm	Min.: 100
Solubility in Trichloroethylene	Min.: 97.5

This Letter of Clarification will be considered part of the solicitation referenced on the first page of this document. All revisions, responses, and answers incorporated into the Letter(s) of Clarification are collaboratively from both the Strategic Purchasing Division and the applicable City Department(s).

Furthermore, it is the responsibility of each BIDDER to obtain any previous Letter(s) of Clarification associated with this solicitation.


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