

BHEL, HEEP, Haridwar, India

Pre qualification requirement for vendors for purchase of Bitumen .

(Indent NO. 20142883)

The mandatory requirements of vendors are as under. (PSU Vendors already registered in the category are exempted from the condition (A) below)

(A) Minimum Experience Requirement

- The bidder shall be an Original Manufacturer (OM) having experience of minimum 5 years in manufacturing of Bitumen, Grade VG 10 or 80/100 or any grade mentioned in IS:73 . A documentary evidence in this regard is required.
- The bidder shall be in the business of manufacturing and selling the Grade VG 10 or 80/100 or any grade mentioned in IS:73 , for last 5(Five) years as on Bid opening Date of this tender.
- The bidder should have supplied at least 400,000 kg of Bitumen of any, grade mentioned in IS:73 , earlier in one purchase order/tender within 18 months of period(1st lot to final lot). Documentary evidence like Purchase order copy etc. for getting the order and any document or certificate for successful completion of the supply (e.g. like final payment receipt etc.) in this respect should be submitted by the bidder.

(B) Minimum Quality Requirement of the Material

<a> The vendor shall provide the test certificate of the material with the supply.

 The test certificate shall mention at least the following points /specification for paving bitumen (VG-10) grade as per IS 73:2006 :-

1. Absolute viscosity at 60 deg.C, Poises, Min.	-----	800
2. Kinematic viscosity at 135 deg.C, cSt, Min.	-----	250
3. Flash Point, (Cleveland open cup),deg.C, Min.	-----	220
4. Solubility in 3richloroethylene percent, Min.	-----	99.0
5. Penetration at 25 deg.C, 100g, 5s, 0.1 mm	-----	80-100
6. Softening Point (R&B), deg.C, Min. -	-----	40

7. Tests on residue from thin-film oven tests/RTFOT

i) Viscosity ratio at 60 deg.C, Max. ----- 4.0

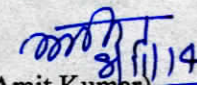
ii) Ductility at 25 deg.C, cm, Min. ----- 75

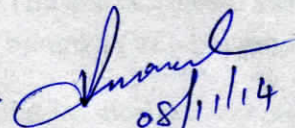
after thin-film oven test

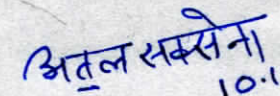
<C> For all other parameters the bitumen should conform to IS 73 :2006

(C) Material Packaging Requirement

- Bidders should also confirm in their bids their packaging quantity in drums to be supplied e.g. in X (say 150 Kg) and/or Y (say 200 Kg) etc. capacity drums. Weight of empty drums should also be clearly indicated in the bid.
- The material only in a sealed non returnable drums, in the weight between 125 kg to 210 kg (each Pack) is acceptable.


 (Amit Kumar)
 Manager(TAX)

DGM (TAX) 
 08/11/14

Township Administration 
 अतुल लक्ष्मीना
 10.11.2014.