

Affidavit

of Mr./Ms _____
(on Rs. 100/- non-judicial paper)

To
Managing Director
National Highways & Infrastructure Development Corporation Ltd. (NHIDCL) Floor, PTI Building,
4, Parliament Street
New Delhi-110001

Sir/Madam,

I Mr./Ms. _____ S/o / D/o) _____ aged _____
years and residing at _____
do hereby solemnly affirm and sincerely state the following:

I state that I am currently not associated with any contractor/concessionaire/consultant and willing to render my service as SPM with high ethical standards and integrity.

The above mentioned facts are true and correct to the best of my knowledge and belief.

Signature of the Deponent
(Name of the Deponent)
Solemnly affirmed at _____
On date _____

(This affidavit may be given on plain paper now, Affidavit on Stamp paper of Rs 100/- duly Notarized to be submitted in Original by (20.06.2023)

ANNEXURE I TO V attached at attachments

CHECK LIST OF INSPECTION OF WORKS

STATE:

DATE OF VISIT:

1. Name of Project / Work:
2. Name of AE:
3. Name of Contractor:
4. Work in progress at the time of inspection:
 - (i)
 - (ii)
 - (iii)
 - (iv)
5. I have checked the following for Compliance/Approval:
 - (i) Routine Testing Records of each Material is available in the field lab: Yes/No
 - (ii) Records of Inspection Check list maintained as per Performa Given In IRC: SP:112-2017 is available: Yes/No

(The detailed comments be attached in a separate sheet for observations in compliance to Manual for Quality Control in Road & Bridge works for procedure confirming to IRC:SP:112-2017)

Check of SPS / IPC / RAR

6. I have checked the quantity of items executed at site with the last IPC/SPS/RAR paid. Details are as under:-

S. No.	Item of Work	Unit	Quantity as per SPS/IPC	Quantity found on site	Remarks

Field Inspection / Tests (Items of work checked be modified according to Design)

7. I have done Random Checking of Field Density of the following pavement components at different locations:

(a) Subgrade

S.No	Location / Chainage	Value Obtained	Remarks / Comments
i	_____ Km	_____	
ii	_____ Km	_____	

(b) GSB

S.No	Location / Chainage	Value Obtained	Remarks / Comments
i	_____ Km	_____	
ii	_____ Km	_____	

(c) WMM

S.No	Location / Chainage	Value Obtained	Remarks / Comments
i	_____ Km	_____	
ii	_____ Km	_____	

8. I have done Random Checking of thickness of following layers of Pavement at different locations as under:

(a) Subgrade:

S.No	Location / Chainage	Thickness found	Remarks / Comments
i	_____ Km	_____ mm	
ii	_____ Km	_____ mm	

(b) GSB:

S.No	Location / Chainage	Thickness found	Remarks / Comments
i	_____ Km	_____ mm	
ii	_____ Km	_____ mm	

(c) WMM:

S.No	Location / Chainage	Thickness found	Remarks / Comments
i	_____ Km	_____ mm	
ii	_____ Km	_____ mm	

(d) DBM:

S.No	Location / Chainage	Thickness found	Remarks / Comments
i	_____ Km	_____ mm	
ii	_____ Km	_____ mm	

(e) BC:

S.No	Location / Chainage	Thickness found	Remarks / Comments
i	_____ Km	_____ mm	
ii	_____ Km	_____ mm	

9. I carried out Core Cutting at two locations at Km ____ and Km ____ (Locations - Chainage) and checked for coarse aggregates and bitumen content are as per MoRTH (5th Revision) Clause 505.2.2 for DBM and Clause 507.2.2 for BC.

(a) Dense Bituminous Macadam (DBM)

(i) Results of Coarse aggregate tested in terms of Clause no. 505.2.2 & as per the requirements specified in Table no.: 500-8/Pg. No. 176 of MoRTH specification 5th Revision.

Property	Test	Specification as per MoRTH (5 th Revision)	Result Obtained
Cleanliness (dust)			
Particle shape			
Strength			
Durability			
Water Absorption			
Stripping			
Water Sensitivity			

(ii) Result of Bitumen Content from DBM as per indicated in Table 500-10&11/ Pg. No. 177&178 in terms of Clause 505.3 of MoRTH specification 5th Revision.

(b) Bituminous Concrete (BC)

(i) Results of Coarse aggregate tested in terms of Clause no. 507.2.2 as per requirements specified in Table no. 500-16/Pg. no. 188 of MoRTH specification 5th Revision.

Property	Test	Specification as per MoRTH (5 th Revision)	Result Obtained
Cleanliness (dust)			
Particle shape			
Strength			
Durability			
Water Absorption			
Stripping			
Water Sensitivity			

(ii) Result of Bitumen Content from BC as per indicated in Table 500-17 in accordance with clause 507.2.5/ pg. No.189 of MoRTH specification 5th Revision.

Lab Inspection / Tests

10. I have checked the Records of Calibration of Equipments and found to be up to date Yes/No

11. Random Sampling from the Bridge/Culverts and road with of following materials have been carried out and witnessed the following important tests at field Lab of Contractor:

(i) Aggregate Test (For concrete works)* (Refer IS :2386-1963)

<u>Test</u>	<u>Result Obtained</u>
(a) Crushing Test	
(b) Abrasion Test	
(c) Impact Test	

- (d) Soundness Test
- (e) Elongation & Flakiness Index
- (f) Sp. Gravity & water absorption Test

- (ii) Concrete Cube Test
- (a) Compressive Strength at 7 days/ 28 days

- (iii) Bitumen Test (Refer Section 900: Table 900-4 as per MoRTH specification 5th Revision & IS : 1202 - 1978)

<u>Test</u>	<u>Result Obtained</u>
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The test result of above samples have been signed by me in the test report maintained at lab.

12. The following brands and grade of cement and steel are being used at site.

- (a) Cement
 - (i)
 - (ii)

- (b) Steel
 - (i)
 - (ii)

* Specify the size and use of Aggregate

Signature:

Name:

Date:

REPORT ON SERVICES OF AE

1. I have inspected the office of AE and found Biometric Device is installed and is in working condition.

2. The details of staff are as under:

S.No	Manpower description	Nos to be mobilized as per CA	Nos mobilized at site	Remarks
1	Team Leader			
2	Material Engineer			

3. Comments of SPM on Road geometrics & design submitted by Contractor and reviewed by Authority Engineer.

4. Comments of SPM on inspection of works by Authority Engineer.

5. Comments of SPM on carrying out of required no of mandatory tests.

6. Comments of SPM on AE for properly maintaining records and deficiency, if any.

7. Any other Remarks/Observations

Signature:

Name:

Date:

REPORT ON RESOURCES MOBILIZED AND SUGGESTIONS FOR MITIGATING DELAYS AND EXPEDITING PROGRESS

1. List of Vehicle, Equipments and Plant (VEP) mobilized at site by the Contractor.

S. No.	Type of VEP	Nos Mobilized	Serviceable	Unserviceable	Remarks

2. Comments of SPM on bottlenecks in the project and suggested measures for timely completion.

3. List of work activities to be crashed to mitigate delays and the additional resources to be mobilized for expediting the progress of works.

4. Any other remarks/suggestions.

Signature:

Name:

Date:

SUMMARY OF TECHNICAL DEFICIENCIES OBSERVED IN THE QUALITY OF WORK

REPORT ON SERVICES OF CONTRACTOR

- (I) Status of Machinery and Manpower including Design Director etc. as per DCA, Article 10, deployed at site by Contractor within 20 days of the appointed date.
- (II) Design, Drawings & Work Program submitted by Contractor to AE within 30 days of the appointed date and same has been approved by AE or not.
- (III) Status of Availability of land, ROW, Utility Shifting and Environmental Clearances.
- (IV) Status of establishment of Site Offices / Camps by Contractor & AE.

