

National Highways & Infrastructure Development Corporation Ltd.

Minutes of Meeting of Empowered Technical Bid Evaluation Committee (ETEC) dated 05.03.2018 for "Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities:

- (i) For construction of Approach Roads with Avalanche Protection Works to West and East portal of the proposed Zojila Tunnel between (between Baltal and Minamarg) from km 82.00 to km 95.00 on Srinagar-Leh road (NH-1) and;
- (ii) For making the NH-1 from Z-Morh Tunnel to proposed Zojila Tunnel (approx. 20 km) all weather road in the State of Jammu & Kashmir"- **Second Stage Evaluation.**

The following firms submitted their bids for the subject project by due date and time.

- (i) M/s. SMEC International Pty Ltd. in JV with SMEC (India) Pvt. Ltd in Association with Anandjiwala Technical Consultancy.
- (ii) Aushta Consulting Engineering Pvt. Ltd. In Association with Rodic Consultants Pvt. Ltd.

2. The Empowered Technical Bid Evaluation Committee (ETEC), in its earlier meeting dated 13.02.2018 had recommended certain clarifications be sought from the bidders. The bidders have since submitted the clarifications, on the basis of which the ETEC evaluated the bids for Stage-II.

3. Subsequently, as recommended by the ETEC, the second stage evaluation of these two firms was carried out. The Second Stage Evaluation of the Firm's Experience by INFRACON and the revised Second Stage Evaluation, is enclosed at **Annexure-I** and **Annexure-II** respectively.

S. No.	Firm's Name	Firm's Relevant Experience In The Last 7 Years	Equipment and software	Qualifications and Competence of the Key Staff for the assignment	Adequacy Marks for Work Plan and Methodology	Total Max Marks
		(Max. points 25)	(Max. points 20)	(Max. points 50)	(Max. points 5)	(Max. points 100)
1	M/s. SMEC International Pty Ltd. in JV with SMEC (India) Pvt. Ltd in Association with Anandjiwala Technical Consultancy.	24	11	43.98	5	83.98
2	Aushta Consulting Engineering Pvt. Ltd. In Association with Rodic Consultants Pvt. Ltd.	12	15	44.9	5	76.9

3.1 M/s. SMEC International Pty Ltd. in JV with SMEC (India) Pvt. Ltd in Association with Anandjiwala Technical Consultancy:

The second stage evaluation of the firm was carried out on the basis of the clarifications submitted and the consideration of the experience of Associate firm in accordance with clause 12.2 (C) of Datasheet of RFP. In respect of Experience in LIDAR or equivalent technology for topography, works at Sl. No. 3 and 4 were not considered since the experience certificate uploaded was from private employer whereas in respect of experience in using GPR & Induction Locator or equivalent technologies for detection of surface utilities, works at Sl. No. 1 and 2 were not considered as the certificate uploaded

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therein were also from private employer. The experience in digitization of cadastral maps for local acquisition were not taken into account because the bidder had not uploaded the details of the same in INFRACON portal, instead it was uploaded in the Technical bid and also submitted in the Hard copy. The CVs of the Key Personnel were also evaluated manually as certain errors were observed in the evaluation carried out by INFRACON.

3.2 Aushta Consulting Engineering Pvt. Ltd. In Association with Rodic Consultants Pvt. Ltd.

The second stage evaluation of the firm was carried out on the basis of the clarifications submitted. In respect of Experience in LIDAR or equivalent technology for topography, 3 works were uploaded separately on INFRACON portal, although they belonged to one contract. Therefore, 3 out of 5 works were considered. Also in respect of experience in using GPR & Induction Locator or equivalent technologies for detection of surface utilities, 2 out of 4 works were considered because the rest of the works belonged to the same contract. The same issue pertained for the experience in digitization of cadastral maps for local acquisition wherein 2 works out of 4 were taken into account. The CVs of the Key Personnel were also evaluated manually as certain errors were also observed in the evaluation carried out by INFRACON.

4. In view of the above, ETEC recommended that both the firms as follows qualify for the Financial Bid Opening:

- (i) M/s. SMEC International Pty Ltd. in JV with SMEC (India) Pvt. Ltd in Association with Anandjiwala Technical Consultancy.
- (ii) Aushta Consulting Engineering Pvt. Ltd. In Association with Rodic Consultants Pvt. Ltd.

5. The Committee proposed that as per clause 12.3 of Datasheet of RFP, the results of the second stage evaluation i.e. technical evaluation, shall be made available on the website giving opportunity to the bidders to respond within 7 days in case they have any objection. The Financial Bids of the qualified consultants shall be opened subsequently.

6. The ETEC, thus, recommended that

i) The scores of the firms towards second stage evaluation as brought out in the para 3 above and the list of the technically qualified bidders be made available on the website giving opportunity to the bidders to respond within 7 days.

ii) The Financial Bids may be opened subsequently.

Meeting ended with vote of thanks to the chair.


Sh. Sanjeev Malik
Executive Director-III
(Convenor)


Sh. Pradeep Sharma,
GM (Tech.)
(Member Secretary)


Sh. Adil Singh
GM (Tech.)
(Member)


Sh. Uttam Chatterjee,
Dy. General Manager (Fin.)
(Member)

nsultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities (1) For construction of Approach Roads with Avalanche Protection Works to West and East portal of the proposed Zojila Tunnel between (between Baltal and Minamarg) from km 82.00 to km 95.00 on Srinagar-Leh road (NH-1) and (2) For making the NH-1 from Z-Morh Tunnel to proposed Zojila Tunnel (approx. 20 km) all weather road in the State of Jammu and Kashmir[NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017]

Second Stage Technical Evaluation

(ANNEXURE - 1)

Summary Of Technical Support

Company Name	Firm's Relevant Experience In The Last 7 Years (Max. points 25)	Equipment and software (Max. points 20)	Qualifications and Competence of the Key Staff for the assignment (Max. points 50)	Adequacy Marks for Work Plan and Methodology (Max. points 5)	Total (Max. points 100)
Unique Team ID: 2018-461-740_9278					
SMEC International Pty. Ltd.	20	8	40.08	5	73.08
SMEC (India) Pvt. Ltd. Anandjiwala Technical Consultancy					
Unique Team ID: 2018-461-811_0144					
AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD.	12	20	38.3	5	75.3
RODIC CONSULTANTS PVT. LTD.					

Firm Experience(Breakup) || Software & Equipment Experience(Breakup) || Adequacy Marks for Work Plan and Methodology(Breakup)

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Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities (1) For construction of Approach Roads with Avalanche Protection Works to West and East portal of the proposed Zojila Tunnel between (between Baltal and Minamarg) from km 82.00 to km 95.00 on Srinagar-Leh road (NH-1) and (2) For making the NH-1 from Z-Morh Tunnel to proposed Zojila Tunnel (approx. 20 km) all weather road in the State of Jammu and Kashmir[NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017]

Second Stage Technical Evaluation

Specific Experience of the DPR consulting related to the Assignment for eligibility

Company Name	Aggregate length of DPR / Feasibility study of 2/4/6 lane projects (Minimum equal to indicative length of a package applied for) (Max. points 6)		No. of Projects of DPR for 2/4/6 laning projects each equal to or more than 40 % of indicative length of a package applied for (or feasibility study for 2/4/6 laning projects each equal to or more than 60 % of indicative length of a package applied for) (Max. points 6)		DPR for bridge projects having length more than 200.001 Meter (Max. points 4)		Average Turnover of last 5 Years (Max. points 4)		Total (Max. points 20)
	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	
Unique Team ID: 2018-461-740_9278 SMEC International Pty. Ltd.	3,069.38	6	16	6	14	4	1,426.31	4	20
Unique Team ID: 2018-461-811_0144 AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD.	941.27	6	7	6	0	0	15,398,208.15	0	12

Signature *Signature* *Signature* *Signature* *Signature*

Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities (1) For construction of Approach Roads with Avalanche Protection Works to West and East portal of the proposed Zojila Tunnel between (between Baltal and Minamarg) from km 82.00 to km 95.00 on Srinagar-Leh road (NH-1) and (2) For making the NH-1 from Z-Morh Tunnel to proposed Zojila Tunnel (approx. 20 km) all weather road in the State of Jammu and Kashmir [NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017]

Second Stage Technical Evaluation

Material testing, Survey and investigation equipment and software proposed to be used

Company Name	Availability of inhouse material in-house material testing facility (Max. points 2)		Field investigation facility (Max. points 3)		Office Equipment and Software (Max. points 3)		Experience in LIDAR Or Equivalent Technology for Topographic & Projects (No. of Projects & Corresponding Marks as per RFP) (Max. points 4)		Experience in using GPR & Induction Locator or Equivalent Technologies for Detection of Sub-Surface Utilities (No. of Projects & Corresponding Marks as per RFP) (Max. points 4)		Experience in Digitization of Cadastral Map for Local Acquisition (No. of Projects & Corresponding Marks as per RFP) (Max. points 4)		Total (Max. points 20)
	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	
Unique Team ID: 2018-461-740_9278 SMEC International Pty. Ltd.	Available	2	Available	3	Available	3	0	0	0	0	0	0	8
Unique Team ID: 2018-461-811_0144 AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD.	Available	2	Available	3	Available	3	5	4	4	4	4	4	20

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Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities (1) For construction of Approach Roads with Avalanche Protection Works to West and East portal of the proposed Zojila Tunnel between (between Baltal and Minamarg) from km 82.00 to km 95.00 on Srinagar-Leh road (NH-1) and (2) For making the NH-1 from Z-Morh Tunnel to proposed Zojila Tunnel (approx. 20 km) all weather road in the State of Jammu and Kashmir[NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017]

Second Stage Technical Evaluation

Adequacy Marks for Work Plan and Methodology

Company Name	Site Appreciation	Comments on TOR	Team Composition & Task Assignment	Methodology	Total
Unique Team ID: 2018-461-740_9278 SMEC International Pty. Ltd.	2	1	1	1	5
Unique Team ID: 2018-461-811_0144 AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD.	2	1	1	1	5

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NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017**Abstract of Key Personnel Score****Company Name:-SMEC International Pty. Ltd. Team ID:-2018-461-740_9278**

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
Central Team								
1	Col. Ravinder Kumar Aima (Retd)	Team Leader cum Senior Highway Engineer	64	85	10	100	8.5	

Associated Company Name: SMEC (India) Pvt. Ltd.

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
Central Team								
1	Aswin Kumar Padhy	Senior Bridge Engineer	60	85	7	100	5.95	
2	K Manoja Kumar Patro	Highway cum Pavement Engineer	43	87	7	100	6.09	
3	RAJEEV ROY	Traffic and Safety Expert	56	88	6	100	5.28	
4	Sanjay Kumar Panda	Senior Survey Engineer	45	66	5	100	3.3	
5	Alok Kumar	Quantity Surveyor/Documentation Expert	44	89	3	100	2.67	
6	Bhavesh Kumar Singh	Environmental Specialist	51	79	5	100	3.95	

Associated Company Name: Anandjiwala Technical Consultancy

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
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NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017**Abstract of Key Personnel Score****Company Name:-AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD. Team ID:-2018-461-811_0144**

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
Central Team								
1	Eesari Suryaprakash Reddy	Traffic and Safety Expert	37	87	6	100	5.22	

Associated Company Name: RODIC CONSULTANTS PVT. LTD.

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
Central Team								
1	Raj Kumar Dhawan	Material-cum-Geo-technical Engineer-Geologist	54	85	7	100	5.95	
2	Nadeem Ahmed	Senior Bridge Engineer	46	89	7	100	6.23	
3	Tapas Majumder	Highway cum Pavement Engineer	50	85	7	100	5.95	
4	Sudipta Chatterjee	Senior Survey Engineer	42	77	5	100	3.85	
5	Ratneswar Saikia	Team Leader cum Senior Highway Engineer	62	84	10	100	8.4	
6	Anil Kumar Singh	Quantity Surveyor/Documentation Expert	54	90	3	100	2.7	
7	Sunil Kumar	Environmental Specialist	48	0	5	100	0	

Total: 38.3

Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities (1) For construction of Approach Roads with Avalanche Protection Works to West and East portal of the proposed Zojila Tunnel between (between Baltal and Minamarg) from km 82.00 to km 95.00 on Srinagar-Leh road (NH-1) and (2) For making the NH-1 from Z-Morh Tunnel to proposed Zojila Tunnel (approx. 20 km) all weather road in the State of Jammu and Kashmir[NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017]					
Second Stage Technical Evaluation (Annexure-II)					
Summary Of Technical Support					
Company Name	Firm's Relevant Experience In The Last 7 Years	Equipment and software	Qualifications and Competence of the Key Staff for the assignment	Adequacy Marks for Work Plan and Methodology	Total
	(Max. points 25)	(Max. points 20)	(Max. points 50)	(Max. points 5)	(Max. points 100)
Unique Team ID: 2018-461-740_9278					
SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd. in association with Anandjiwala Technical Consultancy	24	11	43.98	5	83.98
Unique Team ID: 2018-461-811_0144					
AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD. in association with RODIC CONSULTANTS PVT. LTD.	12	15	44.9	5	76.9

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Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities:

(i) For construction of Approach Roads with Avalanche Protection Works to West and East portal of the proposed Zojila Tunnel between (between Baltal and Minamarg) from km 82.00 to km 95.00 on Srinagar-Leh road (NH-1) and;

(ii) For making the NH-1 from Z-Morh Tunnel to proposed Zojila Tunnel (approx. 20 km) all weather road in the State of Jammu & Kashmir

Revised Second Stage Evaluation of Firm's Experience (Max. points = 25)

Sr. No.	Name of Firm	Aggregate Length of DPR / Feasibility study of 2/4/6 lane projects in hilly and mountainous terrain		Team Score	DPR for 2/4/6 laning projects in hilly and mountainous terrain each equal to or more than 40 % of indicative length of a package applied for (or Feasibility Study for 2/4/6 laning projects in hilly and mountainous terrain each equal to or more than 60 % of indicative length		Team Score	Average Turnover of last 5 Years		Team Score	DPR for bridge projects having length more than 200.001 Meter		Team Score	Aggregate length of DPR/ Feasibility study for expressways for 2/4/6 lane in the hilly and mountainous terrain above MSL of 2000 mtrs	Team Score	Total Score (A)	Total Score as per INFRACON (B)	Increase in INFRACON Score based on Revised Evaluation (A-B)
		As per Infracon	As per revised First Stage Evaluation		As per Infracon	As per revised First Stage Evaluation		As per Infracon	As per revised First Stage Evaluation		As per Infracon	As per revised First Stage Evaluation						
1	M/s. SMEC International Pty Ltd. in JV with SMEC (India) Pvt. Ltd in association with Anandjiwala Technical Consultancy.	3,069.38	219.57	6.00	16	3 projects (Lead: Project no 2 and Other: Project no 2 and 3)	6	1426.31 Cr	1426.31 Cr	4	14	3	3	179.57 (Other: Project no 2 and 3)	5	24.00	20	4.00
2	Aushta Consulting Engineering Pvt. Ltd. In Association with Rodic Consultant Pvt. Ltd.	941.27	144.302	6.00	7	3 projects (Project no. 4, 5 and 8)	6	1539820 8.15 Cr	4.286 Cr	0	0	0	0	0	0	12.00	12	0.00

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Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities (1) For construction of Approach Roads with Avalanche Protection Works to West and East portal of the proposed Zojila Tunnel between (between Baltal and Minamarg) from km 82.00 to km 95.00 on Srinagar-Leh road (NH-1) and (2) For making the NH-1 from Z-Morh Tunnel to proposed Zojila Tunnel (approx. 20 km) all weather road in the State of Jammu and Kashmir[NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017]

Second Stage Technical Evaluation

Material testing, Survey and investigation equipment and software proposed to be used

Company Name	Availability of inhouse material in-house material testing facility		Field investigation facility		Office Equipment and Software		Experience in LIDAR Or Equivalent Technology for Topographic & Projects (No. of Projects & Corresponding Marks as per RFP)		Experience in using GPR & Induction Locator or Equivalent Technologies for Detection of Sub-Surface Utilities (No. of Projects & Corresponding Marks as per RFP)		Experience in Digitization of Cadastral Map for Local Acquisition (No. of Projects & Corresponding Marks as per RFP)		Total
	(Max. points 2)		(Max. points 3)		(Max. points 3)		(Max. points 4)		(Max. points 4)		(Max. points 4)		(Max. points 20)
	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	Firm's fulfillment Status	Score	
SMEC International Pty. Ltd.	Available	2	Available	3	Available	3	1	1	2	2	0	0	11
AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD.	Available	2	Available	3	Available	3	3	3	2	2	2	2	15

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Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities (1) For construction of Approach Roads with Avalanche Protection Works to West and East portal of the proposed Zojila Tunnel between (between Baltal and Minamarg) from km 82.00 to km 95.00 on Srinagar-Leh road (NH-1) and (2) For making the NH-1 from Z-Morh Tunnel to proposed Zojila Tunnel (approx. 20 km) all weather road in the State of Jammu and Kashmir[NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017]

Second Stage Technical Evaluation

Adequacy Marks for Work Plan and Methodology

Company Name	Site Appreciation	Comments on TOR	Team Composition & Task Assignment	Methodology	Total
Unique Team ID: 2018-461-740_9278 SMEC International Pty. Ltd.	2	1	1	1	5
Unique Team ID: 2018-461-811_0144 AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD.	2	1	1	1	5

Abstract of Key Personnel Score

Company Name:-SMEC International Pty. Ltd. Team ID:-2018-461-740_9278

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
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Central Team

1	Col. Ravinder Kumar Aima (Retd)	Team Leader cum Senior Highway Engineer	64	95	10	100	9.5	
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Associated Company Name: SMEC (India) Pvt. Ltd.

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
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Central Team





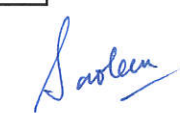
1	Aswin Kumar Padhy	Senior Bridge Engineer	60	90	7	100	6.3	
2	K Manoja Kumar Patro	Highway cum Pavement Engineer	43	97	7	100	6.79	
3	RAJEEV ROY	Traffic and Safety Expert	56	88	6	100	5.28	
4	Sanjay Kumar Panda	Senior Survey Engineer	45	76	5	100	3.8	
5	Alok Kumar	Quantity Surveyor/Documentation Expert	44	99	3	100	2.97	
6	Bhavesh Kumar Singh	Environmental Specialist	51	79	5	100	3.95	

Associated Company Name: Anandjiwala Technical Consultancy

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
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Central Team

1	Mrugesh Anandjiwala	Material-cum-Geo-technical Engineer- Geologist	63	77	7	100	5.39	
						Total	43.98	

NHIDCL/JandK/ Zojila-Approach Road/DPR/NH-1/2017

Abstract of Key Personnel Score

Company Name:-AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD. Team ID:-2018-461-811_0144

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
Central Team								
1	<u>Eesari Suryaprakash Reddy</u>	Traffic and Safety Expert	37	87	6	100	5.22	

Associated Company Name: RODIC CONSULTANTS PVT. LTD.

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
Central Team								
1	<u>Raj Kumar Dhawan</u>	Material-cum-Geo-technical Engineer-Geologist	54	90	7	100	6.3	
2	<u>Nadeem Ahmed</u>	Senior Bridge Engineer	46	84	7	100	5.88	
3	<u>Tapas Majumder</u>	Highway cum Pavement Engineer	50	90	7	100	6.3	
4	<u>Sudipta Chatterjee</u>	Senior Survey Engineer	42	87	5	100	4.35	
5	<u>Ratneswar Saikia</u>	Team Leader cum Senior Highway Engineer	62	94	10	100	9.4	
6	<u>Anil Kumar Singh</u>	Quantity Surveyor/Documentation Expert	54	100	3	100	3	
7	<u>Sunil Kumar</u>	Environmental Specialist	48	89	5	100	4.45	
						Total	44.9	

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