AMARAVATI DEVELOPMENT CORPORATION LIMITED

Meeting held on date 03-05-2018. Design Engineering and Project Management services for 6 lane Cable-stayed Iconic Bridge over river Krishna connecting AP New Name of Assignment: Appointment of Consultancy services as Authority Engineer for providing supervision of Pre-Engineering, Capital City "Amaravati" with Pavitrasangamam in Andhra Pradesh State, India (Approximate Length: 3.2Km). Pre-bid Conference

CORRIGENDUM-1 DATED 10-05-2018

SI.	Ref. Clause No. /Page No.	Existing Provision	Modified Provision (To be read as)
1	Clause 9:	PERFORMANCE SECURITY: The successful	PERFORMANCE SECURITY: The successful consulting
	Performance	consulting firm shall have to submit a Bank	firm shall have to submit a Bank Guarantee (BG) for
	Security (on	Guarantee (BG) for an amount of 5.0% of the Contract	an amount of 2.50% of the Contract Value within 15 days
	page 134) under	Value within 15 days of issue of LOA. The BG shall be	of issue of LOA. The BG shall be valid for a period upto 2
	scope of works	valid for a period upto 2 (two) months beyond the	(two) months beyond the expiry of the Contract period.
	of Section 7-	expiry of the Contract period. The BG shall be in the	The BG shall be in the format specified in Appendix E of
	ToR	format specified in Appendix E of draft contract form	draft contract form and furnished from a Nationalized
		and furnished from a Nationalized Bank / Scheduled	Bank / Scheduled Bank approved by RBI having a
		Bank approved by RBI having a networth of not less	networth of not less than 500 crore as per latest Annual
		than 500 crore as per latest Annual Report of the Bank.	Report of the Bank. In the case of a Foreign Bank (issued
		In the case of a Foreign Bank (issued by a Branch in	by a Branch in India) the networth in respect of Indian
		India) the networth in respect of Indian operations shall	operations shall only be taken into account. In case of
		only be taken into account. In case of Foreign Bank,	Foreign Bank, the BG issued by Foreign Bank should be
		the BG issued by Foreign Bank should be counter	counter guaranteed by any Nationalised Bank in India.
		guaranteed by any Nationalised Bank in India. In case	In case of JV, the BG shall be furnished on behalf of the JV
		of JV, the BG shall be furnished on behalf of the JV and	and not individually by the members.
		not individually by the members.	







2	Schedule of	Proposal submission End date 17-05-2018	Proposal submission End date 04-06-2018.
	Bidding process	The second second second second second	
	(Key dates)		
	Point 18, Page		
	14		
3	Section-1,	Please inform us by date 11-05-2018, in writing at the	Please inform us by date 25-05-2018, in writing at the
	Request for	Address and E-mail Ids mentioned.	Address and E-mail Ids mentioned.
	Proposal letter,		
	Point 17, page		
	14		
4	Page No. 13	RFP document fee of Rs. 50,000/- (Rupees Fifty	RFP document fee of Rs. 29,500/- (Rupees Twenty-nine
	Clause No. 13	Thousand Only, non-refundable)	Thousand Five Hundred Only, non-refundable)
	RFP Document		
	Fee, Request for	The first of the f	
	Proposal Letter		
	Consulting		
	Services	The second secon	
വ	Page No. 14	The proposals must be accompanied by Proposal	The proposals must be accompanied by Proposal Security
	Clause No. 15.	Security of INR 25,00,000/- (Rupees Twenty Five Lakhs	of INR 10,00,000/- (Rupees Ten Lakhs Only) in the form
	Proposal	Only) in the form of Bank Demand Draft drawn on any	of Bank Demand Draft drawn on any Nationalized Bank /
	Security/Bid	Nationalized Bank / Scheduled Bank approved by RBI	Scheduled Bank approved by RBI in India. Proposal
	Security / EMD,	in India. Proposal Security may be also in the form of an	Security may be also in the form of an unconditional
	Request for	unconditional Bank Guarantee in the prescribed format	Bank Guarantee in the prescribed format given in RFP in
	Proposal Letter	given in RFP in favour of "C&MD, Amaravati	favour of "C&MD, Amaravati Development Corporation
		Development Corporation Limited" drawn on	Limited" drawn on Nationalized Bank / Scheduled Bank
		Nationalized Bank / Scheduled Bank approved by RBI	approved by RBI in India.
		in India.	





		Contract	
		Conditions of	
Liability Period.		RFP of Special	
24months Construction period + (plus) 60 months Defects	24months Construction period.	page 188 of the	
Expiration of Contract The time period shall be:	Expiration of Contract -The time period shall be:	Clause 14.1 on	7
Consultant.			
security in case of unsatisfactory performance of			
including encashing fully or partially performance			
(v) In addition, the Client may apply other remedies			
allowed.	Consultant.		
turnovers with above penalties per position is	including withholding monthly payments to		
each monthly invoice. A max. of only 2(two)	(v) In addition, the Client may apply other remedies		
remuneration of staff in case of 2nd turnover from	turnover more than one.		
1st turnover per key staff position and 25% of	turnover per each staff) in case of excessive key staff		
(iv)Recovery of 15% of remuneration of staff in case of	(iv)Recovery of 25% of remuneration of staff (per each		
availability of key staff for more than 10 days.	availability of key staff for more than 10 days.		
(iii) Recovery of Rs. 10,000 per day per key staff for non-	(iii) Recovery of Rs. 10,000 per day per key staff for non-	works.	
likely to take place in the next quarter.	likely to take place in the next quarter.	under scope of	
failure to submit quarterly report on the variations	failure to submit quarterly report on the variations	(on page 134)	
(ii) Recovery of Rs. 20,000/- per instance in case of	(ii) Recovery of Rs. 20,000/- per instance in case of	performance	
inordinate delays in certification of IPC.	inordinate delays in certification of IPC.	unsatisfactory	
amount (whichever is higher) payable in case of	amount (whichever is higher) payable in case of	towards	
(i) Recovery of Rs. 10,000/- or 0.5% of the monthly	(i) Recovery of Rs. 10,000/- or 0.5% of the monthly	Penalties	
performance of Consultant, including but not limited to:	Consultant, including but not limited to:	Recovery of	
Monthly Invoices, in any case of unsatisfactory	encashed in any case of unsatisfactory performance of	Clause 9:	
THE TOTOWING NECOVERY OF LETITINES STREET OF TRANSPORTED	The performance security stant be turn or partially	Section-7, IOK,	6





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(intermittent) - (intermittent)	Sr. Expert Position No. Expert Position Detailed Engg.
(intermittent) - cum Senior Bridge Engineer Sr. Resident Engineer cum Structural Design Engineer (Cable Stayed Bridge) Structural Bridge Design 12 (intermittent) Structural Bridge Design 12 (intermittent) Bridge Design 13 Engineer 14 Engineer 15 (intermittent) Bridge Design 16 (intermittent) 17 (intermittent) Structural Bridge Design	
Structural Chesign Engineer cum Structural Chesign Engineer (Cable Stayed Bridge) Structural Chesign Structural Structural Structural Conventional Bridge Design 12 (intermittent) Bridge Design	Team Leader cum Senior Bridge Engineer
Structural Structural Bridge Design 12 (intermittent) Structural 12 (intermittent) 12 (intermittent) 13 (intermittent) Bridge Design	Senior Resident Engineer cum Structural Design Engineer (Cable stayed Bridge)
Structural 12 Engineer – 12 (intermittent) Bridge Design	Senior Resident Engineer cum conventional 6 Bridge Design Engineer.
	Senior Resident Engineer cum Structural / Bridge Engineer

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	Support Staff:	1 Sr. Social Expert	Expert		Manager	Legal Expert as Contract	Engineer	Contract	Surveyor as	Sr. Quantity	Expert	Mechanical	Electro	Expert	Geo-Technical	Expert	Technical	Expert/Concrete	Senior Quality
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		12 (intermittent)		12 (intermittent)		6 (intermittent)			24			12		ì	13			24	ю
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	Manager	Contract	Engineer	Survey cum Procurement		Electro Mechanical Expert		Expert	Geo-Technical	C	Engineer	Engineer / St.	Sr. Material		(Construction)	Engineer	Sr. Bridge	(Construction)	Sr. Resident
£)		6 (intermittent)		24		12 (intermittent)		18	4			24						1	24
		N/A		N/A		N/A		N/A	71/			N/A				N/A		(intermittent)	12







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24 13 24 14 14 14 17 24 24 15 15 15 15 15 18 18 18 18 18 18 18 18 18 18 18 18 18
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CAD Expert(3Nos) Survey Engineer Site Engineers (3Nos) Procurement Expert Office Manager Accountant Office Assistants (3 Nos.)
CAD 3Nos) 13 Surve 13 Engin 14 (3Nos) 15 Exper 16 Office 18 Assist Nos.)



Section 2 Instruction to Consultants on page 59-62, Criteria, sub- criteria, and point system for the evaluation of Team CVs - Team CVs - 2. Structural Engineering Engineering Engineering Engineering Engineering with more than 25 years Experience: i) Minimum 25years experience in long span cable stayed bridge design of cable stay bridges of minimum total span of 300 and above and conventional bridge of 2.0km length over river, water body or creek. Engineer- i) Essential - Graduate in Civil Froof to be submitted) 2. Structural Educational Qualification: Engineering Experience: i) Minimum 20 years experience of design of cable stay bridges of minimum total span of 300 m and above. iii) Preferred to be on the permanent roll of firm for more than 10 years of cable stay bridges of minimum total span of 300 m and above. iii) Preferred to be on the permanent roll of firm for more than 10 years (Proof to be submitted)	Team for Design Supervision Phase:	Tea	m for Design S	Team for Design Supervision Phase:
nts on Leader- Bridge Design 52, -5.0 Marks and tem n of 2. Structural Engineer- 3.0Marks	ion Eligibility Criteria	eria SNo.	o. Position	Eligibility Criteria
b- of 2. Structural Engineer- 3.0Marks	Educational Qualification:	1	Senior	Educational Qualification:
b- 6- 7- 8- 9- 9- 9- 9- 9- 9- 9- 9- 9- 9- 9- 9- 9-	i) Essential - Graduate in Civil	Civil	Resident	i) Essential - Graduate in Civil
b- In m 2. Structural Engineer- 3.0Marks	Design Engineering with more than 25 years	an 25 years	Engineer cum	Engineering with more than 20 years
2. Structural Engineer- 3.0Marks			Structural	Experience:
2. Structural Engineer– 3.0Marks	i) Minimum 25years exper	rience in long	Design	i) Minimum 20years experience in cable
2. Structural Engineer- 3.0Marks	span cable stayed bridge d	lesign	Engineer	stayed bridge design
2. Structural Engineer- 3.0Marks	ii) Should have experience	of design of	(Cable Stay	ii) Should have experience of design of
2. Structural Engineer– 3.0Marks	cable stay bridges of min	uimum total	Bridge)-6.0	cable stay bridges of minimum total
2. Structural Engineer– 3.0Marks	span of 300 and above an	<u>a</u>	Marks	span of 300 and above and conventional
2. Structural Engineer– 3.0Marks	conventional bridge of 2.01	km length		bridge of 2.0km length over river, water
Structural Engineer– 3.0Marks	over river, water body or c	creek.	- Director	body or creek.
Structural Engineer- 3.0Marks	iii) Preferred to be on the permanent	permanent		Total Time
Structural Engineer– 3.0Marks	roll of firm for more than 15 years	17 170070		iii) Preferred to be on the permanent roll
Structural Engineer- 3.0Marks	(Proof to be submitted)	TO YEARS		iii) Preferred to be on the permanent roll of firm for more than 3 years (Proof to be
	al Educational Qualification:	LO years	, iii	iii) Preferred to be on the permanent roll of firm for more than 3 years (Proof to be submitted)
	r- i) Essential - Graduate in Civil	: Joyeans	4,11	iii) Preferred to be on the permanent roll of firm for more than 3 years (Proof to be submitted)
i) Minimum 20years expe ii) Should have experience of cable stay bridges of r total span of 300 m and al iii) Preferred to be on the roll of firm for more than (Proof to be submitted)		io years		iii) Preferred to be on the permanent roll of firm for more than 3 years (Proof to be submitted)
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		Civil cience. ce of design ninimum oove. permanent 10 years		iii) Preferred to be on the permanent roll of firm for more than 3 years (Proof to be submitted)





		Educational Qualification:	,i	Structural	Educational Qualification:
	Engmeer – Bridge Design	Engineer – 1) Essential - Fost Graduate in Bridge Design Structural Engineering		Design Engineer	I) Essential - Graduate III CIVII Engineering
	- 2Marks	Experience:		(Cable stay	Experience:
		i) Minimum 15 years' experience		Bridge) –	i) Minimum 15years experience.
	The state of the s	ii) Should have experience of design		3.0Marks	ii) Should have experience of design of
		of long span conventional bridges	ŀ	D. STORY OF THE P.	cable stay bridges of minimum total
i		(road/rail) on sea, creeks/rivers.		ļ	span of 300 m and above.
4	Geotechnical	Educational Qualification:			iii) Preferred to be on the permanent roll
	Expert-1.5	i) Essential – Post Graduate degree in	Ì		of firm for more than 3 years (1700) to be
	marks	relevant field	×	f	submitted)
I		Experience:	3.	Structural	Educational Qualification:
		Minimum 15 years experience of		Engineer –	i) Essential - Post Graduate in Structural
1		working on long span conventional		Conventional Engineering	Engineering
1		bridges (Road / Rivers) / Ports / Roads	i	Bridge Design Experience:	Experience:
	- Special Control	etc		- 3Marks	i) Minimum 15 years' experience
ľ	Electro	Educational Qualification: Graduate in			ii) Should have experience of design of
	Mechanical	Electrical / Mechanical Engineering.	1		long span conventional bridges
	Expert-1	Experience:			(road/rail) on sea, creeks/rivers.
	marks	Minimum 15 years' experience of E&M			
		Design of long span bridges (road/rail)			
		on sea, creeks/ rivers			
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			Survey Engineer-1 marks	Ħ		marks	Procurement Specialist-1
	creeks, rivers / roads	Experience: Experience in relevant projects of survey on long span bridges over sea,	Educational Qualification: i)Essential – Graduate in Civil Engineering with 10 yrs. Experience/	FIDIC contracts on infrastructure projects	In procurement of public works. He/she should have worked as procurement expert with knowledge of	Experience: Minimum15 years working experience	Education Qualification: Bachelor's degree in engineering
7711		6.	1711	Ģ	Ħ.	Ţ	4,
1011		Environmenta Expert-1.5 marks	Expert-1 marks	Electro Mechanical		marks	Expert-1.5
ii) Minimum of 10 years working experience in relevant urban infrastructure projects iii) Experience in preparation of EMPs, EIAs of CRZ (mangroves and creek) and well versed with guidelines and environmental clearances from the Governing bodies.	Experience: i) Minimum 15 years' experience in relevant projects	Environmental Educational Qualification: Expert-1.5 i) Essential –Master's degree in marks Environment or should be NABET	Experience: Minimum 15 years' experience of E&M Design of long span bridges (road/rail) on sea, creeks/ rivers	Educational Qualification: Graduate in Electrical / Mechanical Engineering.	on long span conventional bridges (Road / Rivers) / Ports / Roads etc	Experience: Minimum 15 years experience of working	i) Essential – Post Graduate degree in

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Experience: i) Minimum 15 years' experience in relevant urban relevant projects ii) Minimum of 10 years working experience in relevant urban relevant projects iii) Experience in relevant urban relevant urban relevant projects iii) Experience in relevant urban relevant urban relevant urban relevant projects iii) Experience in relevant urban relevant relevant urban relevant relevant urban relevant relevant relevant urban relevant relev	8.	Environmenta	Environmental Educational Qualification:	7.	social Expert-	Social Expert- Educational Qualification:
marks Environment or should be NABET accredited under Category-A Experience: i) Minimum 15 years' experience in relevant projects ii) Minimum of 10 years working experience in relevant urban infrastructure projects iii) Experience in preparation of EMPs, EIAs of CRZ (mangroves and creek) and well versed with guidelines and environmental clearances from the Governing bodies. Social Expert- Educational Qualification: I marks ii) Master's degree in social science Experience: ii) minimum 15 years working Experience: iii) minimum 15 years working Bridge experience in infrastructure sector projects iii) Should be well versed with social safeguard measures, conducting SIA (Social Impact Assessments) and well versed with guidelines.	ļ	Expert-1.5	i) Essential -Master's degree in		Imarks	i) Master's degree in social science
Experience: i) Minimum 15 years' experience in relevant projects ii) Minimum of 10 years working experience in relevant urban infrastructure projects iii) Experience in relevant urban infrastructure projects iii) Experience in preparation of EMPs, EIAs of CRZ (mangroves and creek) and well versed with guidelines and environmental clearances from the Governing bodies. Social Expert- Educational Qualification: I marks Social Expert- Educational Qualification: I marks I) Master's degree in social science Experience: II) minimum 15 years working experience in infrastructure sector projects III) Should be well versed with social safeguard measures, conducting SIA (Social Impact Assessments) and well versed with guidelines.		marks	Environment or should be NABET	Î		Experience:
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i) Master's degree in social science Experience: ii) minimum 15 years working experience in infrastructure sector projects iii) Should be well versed with social safeguard measures, conducting SIA (Social Impact Assessments) and well versed with guidelines.	6.	Social Expert-		N		
num 15 years working Bridge Engineer -7.0 Marks num bact Assessments) and well with guidelines.		1marks	i) Master's degree in social science	1.	Team Leader	Educational Qualification:
num 15 years working nce in infrastructure sector Id be well versed with social rd measures, conducting SIA mpact Assessments) and well with guidelines.			Experience:			i) Essential - Graduate in Civil
nce in infrastructure sector To Marks and be well versed with social red measures, conducting SIA mpact Assessments) and well with guidelines.			ii) minimum 15 years working		Bridge	Engineering
Id be well versed with social rd measures, conducting SIA mpact Assessments) and well with guidelines.			experience in infrastructure sector		Engineer	
uld be well versed with social ard measures, conducting SIA Impact Assessments) and well with guidelines.			projects		-7.0 Marks	Experience:
Independence of the season of			iii) Should be well versed with social			i)Minimum 20 years' experience
Impact Assessments) and well with guidelines.			safeguard measures, conducting SIA			ii) Should have experience of
with guidelines.			(Social Impact Assessments) and well			construction supervision of cable stay
above						bridges of minimum span of 300 m and
						above
			41			

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		span of 300 m and above	construction supervision of cable stay bridges of minimum	ii) Should have experience of		experience	i)Minimum 20 years'		Experience:	глести	Engineering	i) Essential - Graduate in Civil	Educational Suamicanon	Educational Qualification:	Englosity Circuia	Flicibility Criteria		
[4,			1			3.							H	94	months)	fin T	Input	
Contract Manager- 2. Marks	i			3.0 Marks	Engineer -	Sr. Bridge											Marks	Engineer- 3.
Contract Graduate in Engineering with Min. 15 Manager- 2.0 years of relevant experience. Marks	supervision of long span bridges over sea, creek and river.	preparation, design and construction	Min. 10 years in Planning, project	Engineering.	Post graduation in structural	Graduate in Civil Engineering with	safety practices.	ii) He/she should be familiar with the	related infrastructure projects	long span rail/road bridges and other	engineering construction activities in	professional experience in major civil	i) He/she should have at least 15 year's	Experience:	Civil Engineering.	II) Preferred-Master's degree in	Engineering	Engineer- 3.0 D Essential- Graduate in Civil







	2	Sr. Resident	Education Qualification: 24	2.	Sr. Quantity	Sr. Quantity Education Qualification: Bachelor's
		Fnoineer- 3.0	D Essential- Graduate in Civil		Survey cum	Survey cum degree in Civil Engineering with mini
		The same	t) Communication (1			
		Marks	Engineering		Procurement	Procurement 6 years' experience OK Diploma in
			II) Preferred-Master's degree		Engineer -	engineering with mini 10 years'
			in Civil Engineering.		2.0 Marks	experience in procurement of public
			Experience:			works like highways and bridges. He/she
			i) He/she should have at least			should have worked as procurement
			15 year's professional			expert with knowledge of FIDIC
			experience in major civil			contracts on infrastructure projects
			engineering construction			
			activities in long span rail/road	9	Sr. Material	Graduate in Civil Engineering with
	-		hridge and other related		Engineer / Sr.	Engineer / Sr.relevant experience of 15 years in
			יייייייייייייייייייייייייייייייייייייי		OA/OC	highways/bridge projects.
			infrastructure projects			
			ii) He/she should be familiar		Engineer –	
	4		with the safety practices.		3.0 Marks	
				Suppor	Support Staffs:	
	o.	• •		4	CAD Expert Bachelor's	Bachelor's degree in Civil
		Engineer – 3.0	Engineering with Post			
		Marks	graduation in structural		3Nos)	engineering with mini 5 years
						experience OR Diploma in engineering
	-		Engineering.			in the minimum of the control of the
			Experience:			with min to years experience in
			Min. 10 years in Planning,			relevant projects
			project preparation, design	80	Site	Bachelor's degree in Civil
	+		and construction supervision		Engineers (engineering with mini 5 years'
			of long snan hridges over sea		3Nos)	experience OR Diploma in engineering
			creek and river			with mini 10 years' experience in
						relevant projects.
				o.	Office	Graduate with about 5 years' experience
	(6				Manager	in relevant projects.

CHIEF ENGINEER

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ż	CAD Expert(3Nos)	Support Staffs:				-1.0 Marks	Sr. Social ExpertMaster's	Marks	Expert- 1.0	Sr.		Marks	Engineer – 1.0	Sr. Material		Marks	Surveyor-2.0	Sr. Quantity	Marks	Expert- 2.0	
(or diploma holder with 5 years' experience).	with about 3 years' experience		sector projects.	experience in infrastructure	Minimum 15 years working	sciences with	tMaster's degree in social 18		experience in relevant projects.	Post Graduate in Environment 18	projects.	years on highways/bridge	with relevant experience of 15	Graduate in Civil Engineering 18	projects.	years on highways/bridge	with relevant experience of 15	Graduate in Civil Engineering 18	experience.	Min. 15 years of relevant	

	Nos.)	
Assistants (3 experience in relevant projects.	Assistants (3	ŀ
Fresh graduates / with mini 1 year	Office	11.
years' experience in relevant projects.		
Accountant Commerce graduate with minimum 5	Accountant	10.

m CVs -for Defect Liability Period (DLP):

eam	CVS -tor Der	eam CVs -for Defect Liability Period (DLF):
SL.	Position	Eligibility Criteria
*	Sr. Resident	Education Qualification:
	Engineer	I) Essential- Graduate in Civil
		Engineering
		II) Preferred-Master's degree in
	STATE THE STATE OF	Civil Engineering.
		Experience:
		i) He/she should have at least 15
		year's professional experience in
		major civil engineering construction
		activities in long span rail/road
	1	bridges and other related
	No.	infrastructure projects
		ii) He/she should be familiar with the
		safety practices.
	0.0	







3Nos) experience. experience.	Office Manager Graduate with about 3 years' 24 experience.	Commerce graduate with 24 minimum 3 years' experience.	24	Team CVs -for Defect Liability Period (DLP):	Eligibility Criteria (in	Educational Qualification: 60	i) Essential - Graduate in	ivil Engineering	Experience:	xperience	ii) Should have	experience of construction	supervision of long span	bridges over sea, creek and river.
10. Site Engineers (N 3Nos)	11. Office Manager C	12. Accountant C	13. Office Assistants (3 Nos.)	Team CVs -for Defe	SL. Position No.	Senior	Project	1						

12 ITC – Data sheet Clau 21.1 (FTP), 59		6.3.1,	Sheet	11 ITC- Data	21.1 c	sheet	and I	10 FOR
se page		6.3.1, page 48	Sheet, Clause	Data	21.1 of Section 2	sheet Clause	and ITC -Data	FORM TECH-2
Firm's Qualification Criteria (Stage-II): Quality based evaluation to shortlist the Consultants for opening of their financial proposals: Only those firms who secure more than 70 Marks will be considered qualified.	Domestic Financial Institutions in India and the World Bank."	Territories, PSUs and Local bodies, NHAI, MORT&H,	India, Government of Indian states and Union	"Debarred firms and individuals: by Government of		the proposal.	completed in last 10 years is required to be included in	List of previous similar assignments successfully
Firm's Qualification Criteria (Stage-II): Quality based evaluation to shortlist the Consultants for opening of their financial proposals: Only those firms who secure more than 75 Marks will be considered qualified.	MOK1&H, Domestic Financial Institutions in Iridia and the World Bank."	and Union Territories, PSUs and Local bodies, NHAI,	by Government of India, Government of Indian states	"Firms and Individuals either Debarred or Terminated:		the proposal.	completed in last 15 years is required to be included in	List of previous similar assignments successfully

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SPECIAL SAMPON